

Inequality Of Salaries Explained

by Lynn R. Leavens

Employees of North Dakota State University on a monthly salary schedule do not get a fair break wage-wise if they start or end employment in the middle of a month.

NDSU pays its employees on a 30 day basis, while other educational institutions and most businesses in Fargo-Moorhead base their salary schedules on a 21 day or 172 hour month. Edythe Toring, NDSU business manager, stated, "Salaries have always been paid this way, but I will look into the matter to see if I can find out why."

Taking a base salary of \$250 a month and assuming that an individual worked the last two working days at NDSU in October (28 & 29) he would get paid \$16.67 (\$250 x 1/15).

Taking the same base and assuming the same conditions, employees, on a monthly salary basis, at the following places would receive from \$6.37 to \$7.33 more for these two days, depending on the circumstances prevailing.

Concordia College - figuring on a 172 hour month - pays \$24 (\$250 x 16/172).

Moorhead State College breaks down their monthly salaries into hours and in this case they would pay \$23.04 (\$1.44 x 16).

The Fargo Police department using the 172 hour basis would pay their help \$24.

Lutheran Hospitals and Homes estimates the number of working hours in the year and arrives at an hourly basis for all their monthly salaried employees. In this case it would be \$23.20.

This situation is not an isolated case. In fact, starting anywhere in a month and assuming that an individual quits work on a Fri-

day, which must happen in the majority of cases, a person will find an inequality paid to NDSU employees, in comparison to most others. It works the same way when an individual quits in the middle of the month.

Dr. Kenneth Raschke, commissioner of higher education, said, "The 30 day system stems from the state level and to get it changed action would have to be brought before the Legislature."

Student Movement Started Against Draft Protesters

A backfire movement against Viet Nam protest movements on college campuses was started last week by North Dakota State University students.

A petition which is being circulated in men's residence halls and fraternity houses reads "We, the following male students at North Dakota State University, do not believe that it is right to burn or to destroy a draft classification card. We have heard and read reports of anti-draft demonstrators and students who defy duly constituted authorities. These demonstrators masquerade as part of a great youth movement. They do not represent us. If and when we are called upon to serve we will fulfill our commitments as well as possible."

The petition neither condones nor condemns the United States policy in Viet Nam.

The idea for the petition was started by Dave Knudson, AS 3, and Bob Challey, CP 3. Knudson said an article in the Fargo Forum about students giving blood to the Viet Cong plus a later article about movements similar to that at NDSU prompted them to circulate the petition.

Of the 100 petitions circulated five have been returned with ap-

proximately 140 signatures. According to Knudson, if the rest of the petitions are as successful they will be made available to the press services in Fargo.

New Administrative Position Being Planned

The North Dakota Board of Higher Education is considering the establishment of a top administrative position for the higher education system. The establishment of this position would take the board out of the administrative field and permit the board to make policy.

Martin Kruse, president of the board, said that the new administrator would "make decisions that are normally routine." He declined to elaborate on the duties of the position by stating that "the duties and salary of the position will be discussed at the December meeting of the board."

"The announcement of salary figures by daily newspapers in the state was premature," said Kruse. "We have not yet discussed salary; we have agreed that the extra duties require just compensation."

If the new position is established, Dr. Kenneth Raschke, commissioner of higher education, would be given a new title such as chancellor.

Kruse said that the establishment of the new position was

Vandals Hit Minard; Minor Damages Made

Early Friday, under the cover of darkness, marauders struck, withdrawing only after reducing the interior of Minard Hall to a shambles.

Sometime between 12:30, when the night watchman made his last round and 7:00 a.m. that morning when the janitors arrived, an undetermined number of persons slipped into the building and went to work.

According to the janitors there was little permanent damage but the mess was considerable. Furniture from the ladies' lounge was moved into the hall as were the desks from many of the classrooms. While the raiders were tossing the desks onto the heaps several desk tops were broken.

Moving down the halls, the attackers overturned ash trays, spreading the sand throughout the halls in the process. Next

came the blackboards which were marked with obscenities. Only the basement escaped the ransacking.

A little chihuahua dog was left behind by the raiders. It in turn contributed to the mess. The dog was turned over to the police as evidence.

"The break-in is currently being investigated," said Dean Scott, assistant dean of students. "We think that it was an early Halloween prank. We have not yet been able to locate the responsible parties but tricks like this cannot be allowed to continue."

"We like to stay on good terms with the students," concluded one janitor. "Usually they are extremely tidy but this mess took us more than two hours to clean up. Some classrooms were not even ready for this first morning class."

within the power of the board and did not require legislative action. "The positions of commissioner and secretary have been established by statute; we cannot change them," Kruse stated.

Raschke, as top administrator, would supervise operations of the institutions of higher learning.

"Although there has been some opposition to the proposal, the

majority of the legislators I have contacted are favorable to it," said Kruse.

When asked to comment on the announcement of Robert McCarnéy, Bismarck businessman, that he was organizing a group to stop the action, Kruse stated that he was not fully informed about the objections and could not comment on them.

Abilene Asks For Candidate

The Abilene, Texas, Chamber of Commerce has requested North Dakota State University to enter a candidate for Pecan Bowl Queen.

According to Robert Crom, assistant to the president, a number of National Collegiate Athletic Association schools in the mid-west have been contacted to submit candidates.

Any organization, group of individuals or individual may nominate any NDSU co-ed to represent the university.

Nominations will consist of two

photos of the nominee. One photo will be a head and shoulders shot, the other an action photo. Also included must be a biographical

(Continued on page 2)

The Commission of Student Publications is accepting applications for editor of the *Spectrum*. The editorship is for the next three quarters.

A letter of application should be submitted on or before Nov. 15 to Dennis Haugen, commissioner of student publications, at 1134 North 11 St.

MUN Interest Response Low

by Tanfield Miller

Last spring the Model United Nations, after having been unanimously endorsed by both the University and Student Senates, ran into opposition when it submitted its budget for approval.

The decision by the Finance Commission (*Spectrum* May 5) not to approve the requested funds was appealed to Senate where, after considerable debate, it was reconsidered and finally approved. A last attempt to give the project only enough money to carry on a detailed investigation was defeated by pro-UN forces and the conference was set for December.

At the time, the major objections to the proposed conference were that there was not enough preliminary planning, that the proposed date would conflict with mid-term examinations at many of the participating schools, that it would be competing with the annual MUN at the University of Minnesota, and that many of the most ardent backers were seniors and would therefore not be on hand to help run the project.

There now remains only five weeks until the MUN will convene and while both Dave Bateman, student chairman, and Dr. Arif Hayat, faculty sponsor, speak optimistically of the upcoming event, a review of its progress is necessary to see if the facts warrant such optimism.

Originally it was planned that five hundred delegates from a good portion of the 250 colleges contacted would attend. These delegates, from seven states and Canada, were to represent 100 of the 116 member countries in the United Nations.

The deadline for registering was three weeks ago and to date only seven colleges representing twenty nations are attending. Therefore the major burden rests on the students of this campus.

On campus, although Dr. Hayat claims that he is receiving more interest than expected, Bateman admits that drumming up support is both frustrating and in many cases difficult. Currently there are some twenty delegations registered.

With twenty delegations from other colleges, twenty from this campus, and another ten from surrounding high schools, only fifty, or well under half of the nations, will be represented.

"The conference will succeed," said Bateman, "as long as we have all the countries which serve on the various major committees represented. Fifty delegations are enough."

Commenting on the problems which the MUN backers face, Bateman admitted that there was not enough previous planning when he took over this fall. "The

(Continued on page 2)

Eliminate Thirteen From College Bowl

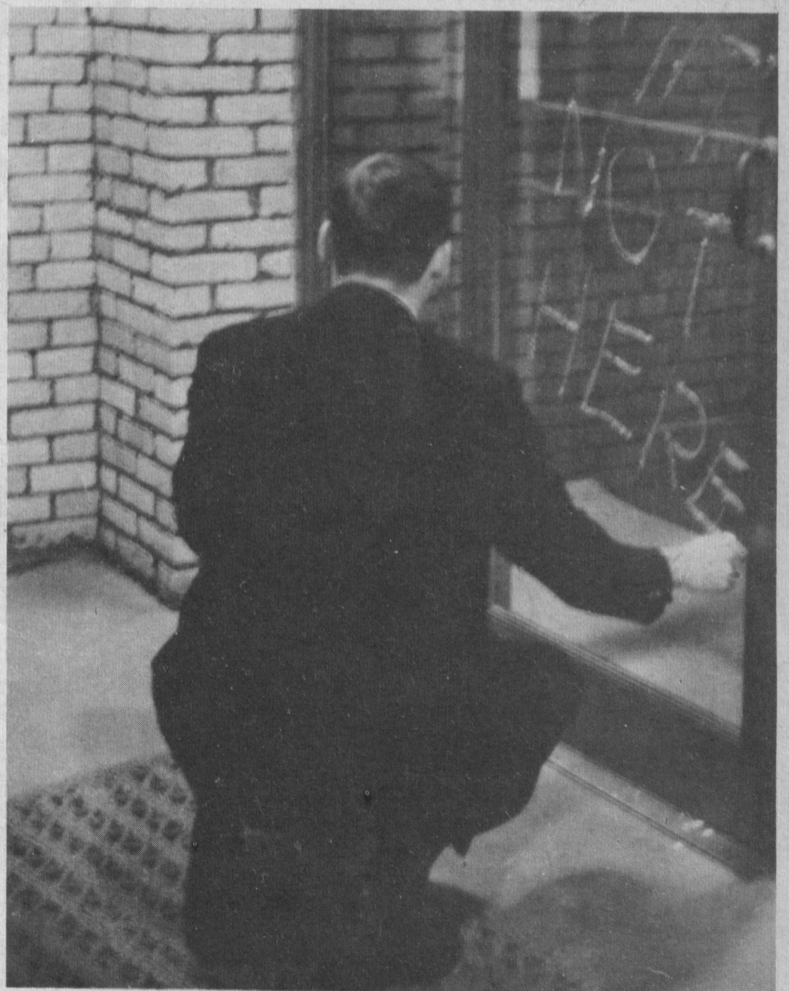
Primary rounds of the College Bowl have eliminated 13 of the original 18 competing teams.

Sunday afternoon, Oct. 31, at the Town Hall of the Memorial Union, the College Bowl teams met for the first of three sessions of a contest pattern after the television quiz program, "College Bowl."

Winners after the first two rounds include: Theta Chi which defeated Alpha Gamma Rho and Kappa Alpha Theta; Sigma Alpha Epsilon which defeated Coop and Dinan Hall; Independent Student Association which defeated Sigma Chi and Tau Kappa Epsilon; Reed-Johnson Hall which defeated Farmhouse and Sigma Nu; Alpha Tau Omega which defeated Kappa Delta, drew a bye.

The five undefeated teams will meet again next Sunday afternoon for two more rounds. These matches will eliminate all but two of the teams.

The last two teams will meet Sunday afternoon, Nov. 14, for the final playoff.



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STATUS UNCHANGED

Draft Limitations Not To Be Lifted

An announcement last week by the Selective Service System in Washington, D. C., stating that restrictions have been lifted on drafting men who were married before Aug. 26, apparently will not affect North Dakotans in the immediate future. State Selective Service officials have said that there are no plans at present to draft married men.

Officials in several other states have said that married men in those states will be drafted in December and January. These decisions have been made on the basis of the available manpower pool within the various states.

The decision to draft married men in various states has not yet been extended to college students. Burton Brandrud, director of admissions and records, re-affirmed an earlier statement that full time college students doing satisfactory work toward a degree won't have to worry about the draft.

Brandrud stated that the only

recent correspondence he has had with Selective Service officials is a request for a statement of the university's definition of a part time student. "Undergraduates taking less than 12 credit hours are considered part time stud-

ents," said Brandrud.

"Some states, particularly Minnesota and Iowa, are requesting transcripts for evaluation purposes," Brandrud commented. "We've had very few requests from North Dakota officials."

ROTC Cadets Promoted

The Air Force Reserve Officer Training Corps at North Dakota State University has announced 22 promotions in its Cadet Wing Staff.

Promoted to the rank of cadet lieutenant colonel were Kenneth J. Burger, Glen Ullin; Richard G. Harrington, Mayville; Eldon W. Joersz, Hazen and Robert E. McLain, Miles City, Mont.

Appointed cadet majors were Curtis S. Carlson, Parshall; Charles L. Lenthe, Moorhead, Minn.; Richard W. Olson, Larimore; Roger D. Tollerud, Fargo

and James B. Dunlop, Rolla.

Promoted to cadet captain were Eugene A. Deibert, Fargo; Dennis T. Flynn, Fargo; Clarence J. Holm, South Heart; Wesley W. Ottmar, Elgin; Alton G. Steinmetz, New England and James D. Valer, New Rockford.

Earning the rank of cadet first lieutenant were Gary M. Bergstrom, Buford; Albert W. Faulk, Fargo; Jerome M. Hall, St. Cloud, Minn.; Gary C. Heise, Ryder; Steve C. Ifgens, Jamestown; Gary B. Mowery, Fargo and Robert J. Senger, Orrin.

Federal Aid Given Dorm

Construction on North Dakota State University's two nine-story residence halls will start next week. Twenty 95 foot holes will be dug at each dorm site. These holes will be filled with concrete to make the caissons, or foundations, for the buildings.

The dorms are expected to be ready for 1966-1967 NDSU students; however, Lloyd Kreig Jr., a member of the J. E. Kreig Contracting firm, said that weather will determine the completion date.

Last week the Federal Housing and Home Agency approved additional fund reservation \$200,000 for the residence halls. The additional \$200,000 brings to \$2.2 million the federal loan for the construction of the apartment units.

President H. R. Albrecht said that the bids on the project are somewhat higher than estimated. The application for additional funds from the federal agency was necessary to complete the project.

Lyceum Tickets Are Available

Tickets to "The Subject Was Roses," first in a series of lyceum programs at North Dakota State University, are available to all NDSU students with activity cards. Students may present their cards at the information desk in Memorial Union Nov. 3-11.

The student may purchase a guest ticket for \$1.50 which will also be attached to the student activity card.

A limited number of tickets are available to the general public at Daveau's at \$3.00.

The play, starring Dennis O'Keefe, will be presented Nov. 11, at 8 p.m., in Festival Hall.

Nominee To Be Chosen

(Continued from page 1)

sketch of the nominee's activities, similar to that required for Who's Who.

This nomination material must be turned into the office of Daniel Leasure, dean of students, before 5 p.m., Nov. 8.

A board will be set up to choose the nominee, who will be NDSU's candidate for Pecan Bowl Queen. The board will judge local nominees on the same basis as the Pecan Bowl Queen board will judge the candidates from the various campuses.

The candidate will be eligible to become Queen of the Pecan Bowl even if the NDSU football team does not participate in the bowl game.

If the NDSU football team plays in the bowl game and the candidate has not been named Queen, she will automatically become an attendant.

All individual student portraits, 3 by 11 glossy prints, must be placed in the Bison Annual mailbox in the Student Activities Room, by Dec. 1. Pictures of seniors are due Nov. 15.

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MUN Support Falters

(Continued from page 1)

timing is very poor," he added. "We could not have it in the spring because of the one held at the University of Minnesota, but in December many of the participating colleges are having their mid-terms and therefore cannot attend."

"Another big problem," continued Dr. Hayat, "was that we do not know who to contact on the various campuses. We had to see the literature to offices of the dean of each university. In many cases we believe that the literature was thrown out instead of being passed on to interested students."

"At this time," said Bill Tapp, the originator of the plan to investigate the possibilities of holding a MUN on campus, "it appears that despite a valiant effort by both Bateman and Hayat, the conference is going to fall victim to the very problems which we had hoped to avoid by planning ahead. We were not fighting the project because we were isolationists or because we were against anything new on campus but we thought that to insure success we should not rush into an event that was so foreign to the campus, without planning."

"The project will succeed," retorted Bateman. "Even if we attend the Pecan Bowl, enough students will be going to the game to jeopardize our effort."

The Model United Nations, regardless of the number of delegations attending, will convene Thursday, Dec. 9 and will run for four days.

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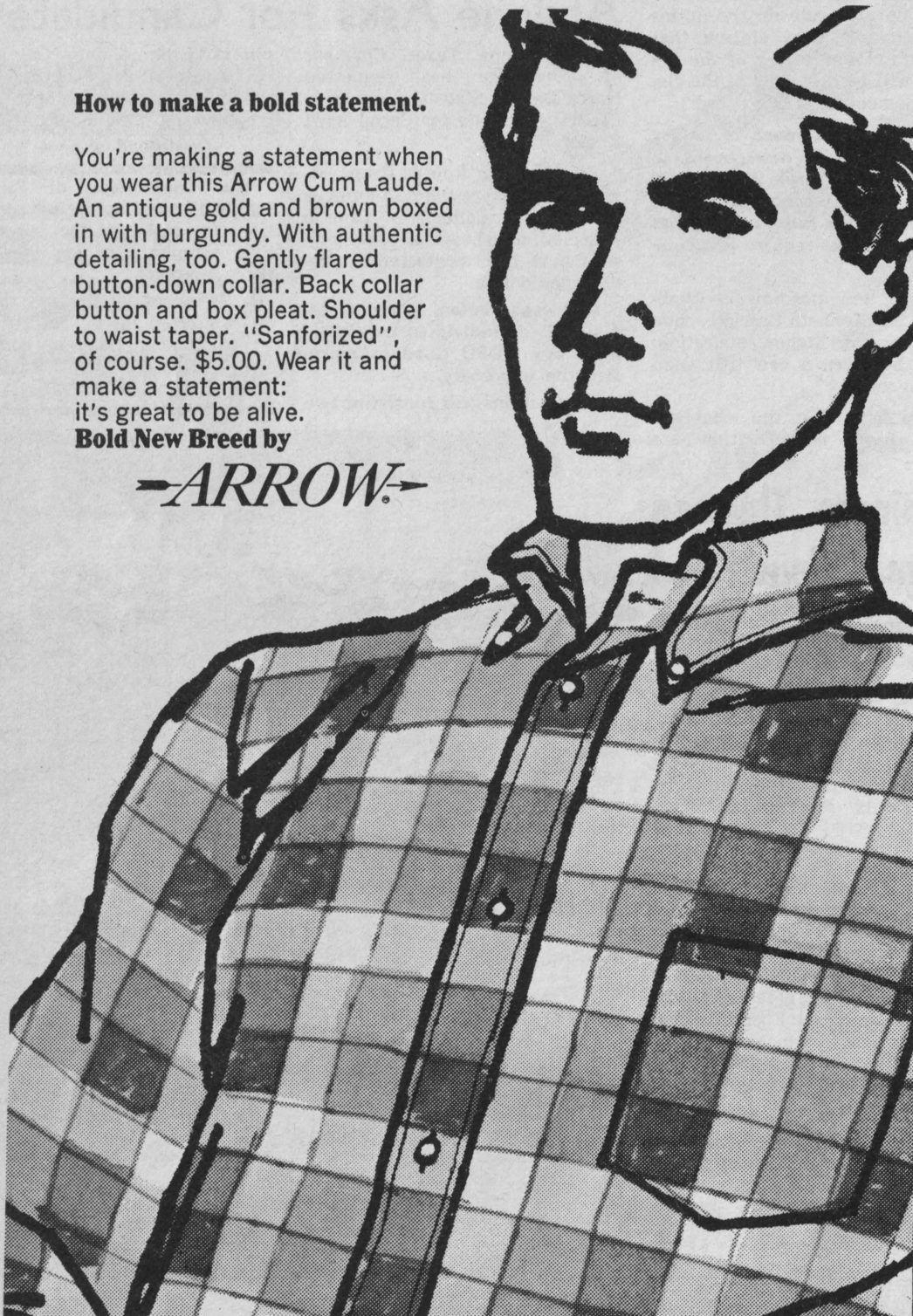
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Parking Violators Get Cars Impounded

Misunderstanding, flagrant disobedience and defiance were all cited by Ron Corliss, assistant business manager, as excuses for violations of North Dakota State University's parking regulations. These violations have resulted in the impounding of approximately 100 cars since the beginning of the quarter. Most of these cars were not registered for driving on campus.

Owners of impounded cars that have not been registered for driving on the campus may redeem their cars by paying \$28.50. This includes the \$10 late registration fee, the \$15 parking fee, the \$2 parking fine, and \$1.50 to cover the expense involved in impounding the car.

When the car is returned, it is registered both for driving on campus and for parking in one of the student lots. An impounded car bearing the driving sticker costs \$18.50 to redeem. This amount covers the parking fee, the fine, and the impounding fee.

No provisions have been made to dispose of unclaimed impounded cars.

Possible misunderstandings concerning regulations may result from procedural changes made last year. Violations now will result in immediate impoundment. The late registration fee has been raised from \$3 to \$10, and the parking ticket fine has been decreased from \$5 to \$2. Initial car registration is free, while a parking sticker is \$15 for three quarters.

"We're trying to make it as equitable as possible for every-

one," Corliss stated. He issued several reminders to help students avoid further difficulties with the rules.

Mere possession of either of the stickers is not sufficient. The stickers must be placed on the car. The Bison driving permit does not allow parking on campus at night. Only those cars bearing parking stickers are authorized to park on campus at any time. Night impounding will start soon.

Agricultural Positions Open

There aren't enough agricultural education graduates to fill all the positions in North Dakota, according to Ernest L. DeAlton, state director of agricultural education.

"We could have opened at least two new vocational agriculture departments in North Dakota if we would have had graduates," said DeAlton.

He went on to say, "With the passage of the Vocational Education Act of 1963, there will be an

increased demand for vocational education. Approximately 25 of the high schools in the state will now broaden their vocational agriculture departments.

"North Dakota State University has done a good job in turning out vocational agriculture teachers in the past, but the college will now need even more agricultural education graduates. Out of 68 vocational agriculture teachers in North Dakota 60 have been graduates of NDSU," said DeAlton.

Spectrum Distribution Points Released

The Spectrum started a new system of distribution this past week. The paper will be distributed on campus between 10 - 10:30 a.m. every Wednesday at the following points:

Harvard Hall	1,000 copies
Memorial Union	1,000 copies
Library	500 copies
Morrill Hall	300 copies
Agricultural	
Engineering	200 copies
Padro Hall	300 copies
Old Main	50 copies
Food Complex	1,000 copies

According to Business Manager Dave Otis the prevailing philosophy behind this move is two-fold.

First, cutting out the resident halls and some of the buildings that do not have many students

in them at the time of distribution will speed up circulation. Second, we want to establish central points where the students can pick up their Spectrum every week."

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Dale Anderson
B.A., Wittenberg University

At many companies the opportunity to work on challenging projects comes after many years of apprenticeship and a few grey hairs. Not so at Ford Motor Company where your twenties can be a stimulating period. There are opportunities to prove your worth early in your career. Dale Anderson's experience is a case in point.

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Tests of this experimental system show the problem to be reduced to an insignificant level.

That's typical of the kind of meaningful assignments given to employees while still in the College Graduate Program—regardless of their career interest. No "make work" superficial jobs. And, besides offering the opportunity to work on important problems demanding fresh solutions, we offer good salaries, a highly professional atmosphere and the proximity to leading universities.

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Editorials

Union Questioned; Prexy Needs Funds

In the past month some interesting questions pertaining to the operation of the Varsity Mart and Memorial Union have been raised by faculty and students. Circulating rumors have been even more interesting.

We, as editors, would like to pass on to our readers what we know about the operations of the union and the bookstore.

THE MEMORIAL UNION

Originally the Memorial Union was financed through the floating of a bond issue. Currently, this bond issue is being retired by student fees at the rate of \$5 per student per quarter.

Today, the union itself does not make money. According to Dr. H. R. Albrecht, it has a hard time breaking even and many times in the past he has had to use money from general funds to help the operation out.

The Memorial Union does not run the operations located in the union. It merely rents out space to operations such as the bookstore and the food service. The rent received is used to balance the other aspects of the operation.

The union is run by a director and the director in turn is responsible to President Albrecht.

THE VARSITY MART

The Varsity Mart does make a profit. How large a profit? We don't know and the figures have not or will not be released to us.

The profit from the bookstore is used by President Albrecht to run other activities on campus.

DR. ALBRECHT

According to President Albrecht this profit from the Varsity Mart is needed to help run the university. The profit in his words, "is not excessive."

Dr. Albrecht told us that we could raise a "stink" and get the bookstore closed. But he warned us that ultimately it would hurt the students in three ways.

One, if the bookstore did not make money, it would be closed and students would be forced to buy books downtown at a higher price. Two, it would necessitate a raise in tuition because of the need for added revenue. Third, expenditures for some operations of the University, such as a student newspaper, would never be approved by the Legislature.

THE EDITOR

We agree with Dr. Albrecht that he needs money to run the University. We only question the way it is raised. We, as students, have paid for or are paying for the union. We, as students, are paying for the operations of the union through participation. Taking these points into account we see no reason why an operation originally financed by students, currently operating on student money, should also profit from these same students.

We suggest that all facets of the Memorial Union be run under one program and that the goal should be to break even.

Discrimination To Cut Funds

(I.P.)—Under the Civil Rights Act of 1964, colleges receiving federal funds are responsible for assuring that fraternities on their campus to not practice racial discrimination, the United States Office of Education said.

According to a statement released by Commissioner Francis Keppel, "An institution which maintains a fraternity system as part of its activities and overall program is responsible under the civil rights act requirement for assuring that discrimination is not practiced by fraternities in the system."

His views are based on Title VI of the act and administrative regulations issued by the Department of Health, Education and Welfare with the approval of the President.

Title VI of the Civil Rights Act, Section 601, reads as follows: "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

Regulations of the Department of Health, Education and Welfare, issued with the approval of the President under section 602 of the act, require colleges and universities receiving federal funds to submit certificates of compliance with this provision.

The assurances by the institutions extend to "admissions practices and all other practices relating to the treatment of students."

The Spectrum

ALL AMERICAN

(Oldest student organization on campus)

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Member of ACP and IP.

The opinions stated in the Spectrum editorials are those of the editor and editorial board members and do not necessarily represent the opinion of the student body or administration of NDSU.

- Lynn R. Leavens Editor
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Letters to the Editor . . . Congratulations Extended To Bison

To the editor:

My letter has a two-fold purpose. First, I extend my whole-hearted congratulations to the Bison.

My close friends haven't filled me in on any but the first two non-conference games, but three

weeks ago in Geneva, Switzerland, the "New York Times" carried a short article with a big impact—something about "the best team in small colleges"—North Dakota State University!

Just a week ago, the Bavarian US Armed Forces Radio carried

a similar message. KEEP IT

As I promised, I bear cheerful tidings. Last year at time my curiosity was aroused an ad in the Spectrum concerning ASIS Summer Jobs in Europe invested \$2 in a booklet and I am.

If they still advertise, I would like to "partially" recommend organization. Their program the best way I know of to Europe inexpensively, and is a fine introduction to a different culture.

If anyone is interested, I suggest applying for only four to seven weeks of work, leaving early as possible and staying late in the fall as possible—while one works there is more time to travel.

I "partially" recommended because some boys doing construction work and some girls doing hotel work—waitresses and chambermaids—were very overworked. My own case was an example of the ideal job: 47 regular hours a week, meals and room provided and I cleared \$100 a month.

I don't mean to sound like a one-woman promotion agency, this is opportunity knocking, I would like to see more students get away before they are settled.

For additional information on the ASIS program, write ASIS, 22 Avenue de la Liberte, Luxembourg City, Luxembourg.

Whoever has questions I will answer, should feel free to write me: Glenda Rysgaard, Amman Express, Amira Platz, Munich, Germany.

Glenda Rysgaard



Reprinted from The Ulysses

Blood Donors Urged To Register Now

To the editor:

Many headlines in recent newspapers indicate there are a few students unwilling or perhaps afraid to stand behind the decisions of the greatest nation on earth. Some students, not thinking seriously of some of their acts, are supporting countries that are aggressive toward the United States.

However, most students in colleges and universities are as true to their country as the needle to the pole. They may not agree with some policies, but they are like Charles Craig, a 19-year-old University of Iowa student. Craig wears his draft card in a plastic holder pinned to his jacket with a note reading, "I am a draft card carrying American and I am proud of it."

He said, "This is my way of showing that all American college students aren't afraid to serve their country in Viet Nam or any other place where freedom needs to be defended."

The students and faculty at North Dakota State University are proud of freedom and are

willing to defend it. We may not be able to go to Viet Nam right now, but Jerry Buck, Associated Press writer, recently told how students in numerous colleges are involved in blood drives to demonstrate their support of our government in these critical times.

Although the Defense Department said Tuesday, "Blood is not needed in Viet Nam at the present time." We, the students (both men and women) and the faculty at NDSU can support our

government and our community by making ourselves available both civilian needs in our community and military needs called upon by the Department of Defense to supply large quantities of blood.

NDSU students and faculty do this by registering with community blood bank to state that we do not say "no" to anything, but that we are ready willing to donate our blood use in our community now.

Dick Hancock, ASIS

Policy Protesters Condemned Whole-hearted Study Urged

To the editor:

How is it that in this day and age the people of this country are still not united? There are many cases which show that they are not, but the most striking example is the large faction of non-supporters of the United States policies abroad, namely, in Viet Nam.

It is hard to believe that any

person, supposedly educated, professor and student alike, could not possibly support his country. Either such people are ignorant or else they are in support of communist movement.

If these supposed Americans would whole-heartedly study the existing situations, they would find that the problem is caused by the communistic way of and that the only effective means of stopping the war are the presently being used by the government in Viet Nam.

In short, I am saying that those who practice draft dodging, card burning, sit-ins, demonstrations, and the worst of all, terrorism, are un-American and communist. These people I hold the lowest regard, and I suggest that they live in one of the communist countries.

To those of you who are willing to defend our country and way of life, I hold you in the highest regard and ask for your support.

G. C. Anderson, Jr., Editor

Varsity Mart Operations Questioned

To the editor:

I would like to have a few questions answered concerning the operation of the Varsity Mart and its financial obligations.

Who owns or controls the Varsity Mart? Is it the students of North Dakota State University? Which individual or organization is responsible for governing the Varsity Mart and to whom is this individual or organization responsible?

Who receives the vast profits of the Varsity Mart? And how in turn are these profits utilized? Do they aid the student or are

they deposited? If deposited, how is the interest disbursed?

Is there a board of directors overseeing the operation of the Varsity Mart? Would it not be possible to establish the Varsity Mart as a cooperative governed by a student board so that each student of NDSU would have a direct share or interest in the operation of the Varsity Mart?

The Varsity Mart exists as a service to the students. Why then shouldn't the students have a voice in the operation of the Varsity Mart?

Steve C. Semling, PH 3

Berkeley Incidents Indicative Of Changes In Higher Education

by Ed Schwartz
(Collegiate Press Service)

With the collapse last year of the educational philosophy of an entire decade at Berkeley and elsewhere, college administrators are going to have a few adjustment problems of their own. Higher education has changed. It is no longer a savored luxury of the elite, as it may have been 25 years ago. Nor is it the protracted guidebook for technocrats encouraged in the '50's.

The numerous popular attacks on specialization have succeeded sufficiently that even students are beginning to value liberal arts in the classroom and open discussion outside of it. This has come as a shock to those accustomed to the complacency of the ivory tower intellectual for whom a university was little more than a lab, a library, a classroom, and a bunk. It's time they recovered.

In the days of elite education, there would have been some merit to the administrative contention that powerful student

governments or vocal undergraduate political organizations were not an essential part of a campus. Learning was pursued either "for its own sake" or for a job.

Even today, Dean Griswold of the Harvard Law School could boast to a group of Oberlin alumni that "our students are too busy worrying about torts to get concerned about 'their role in the decision-making process'." His was the clearest statement of what I would call the "our Negroes are happy" school of college administrators.

Griswold, however, presides over one of the last strongholds of the elite. The relationship between the law student and the university is vertical. He has no social rules. He is not expected to "develop as a whole man," although he might. Chances are that he has his own apartment and lives independent of university facilities, except those which relate to his study of law. His concern with university decision-making merely reflects the university's unwillingness to make

any decisions for him.

Undergraduate schools do not benefit from such laissez-faire policies. They boast large programs of extra-curricular activities to develop qualities of citizenship. They strive to uphold the moral standards of those enrolled. They may require that a student live in a college dorm, eat in a college dining hall, and obey a long list of college rules reprinted in a college handbook or tacked on a college wall. They may hire psychologists, special counselors, administrators of extra-curricular activities, even social directors. By their own admission, classroom education is only one part of their relationship to the student.

When an undergraduate accepts this premise, however, that student's involvement in policy is equally necessary to develop "qualities of citizenship" and that student action in local communities is a diserable adjunct to courses in the social sciences, the same administrators will revert to the elitist argument that "edu-

cation should be confined to the classroom — you have no business doing any of these things."

If I were a rabid leftist, I would brand such sophistry as a glaring example of Establishment hypocrisy. So as not to impugn motives, I would suggest that it represents an unwitting contradiction.

I do not object to a university which seeks to provide extra-curricular as well as classroom programs for its students. Indeed, as higher education is made available to large numbers and as course material replaces vocational training with "broad development," opportunities for action will be necessary for students to test conflicting theories through participation.

But a university cannot confuse development with indoctrination, participation with manipulation, and expect a person trained

in critical thought to accept.

The student need only examine Napoleon's system of non-represented governments to evaluate the political position of his student government. A quick intake of Socrates' "Apology" should provide him an incentive for honest expression. And then there's that messy business of civil rights.

Therefore, the administrator must adjust. If he wants the American campus to become a laboratory for the "leaders of tomorrow," he must create a campus community in which qualities of leadership can be developed — which guarantees that student opinion has some chance of implementation and which enables a student politico to work in the "real world" with the university's blessings. Otherwise, the administrator will discover that the student has learned his lessons too well.

Discussion Reveals Widespread Disagreement Concerning Effect Of Free Speech Movement

by Vern Nies

One of the most significant facts that emerge in any discussion of the Free Speech Movement which threw the Berkeley campus into turmoil last fall is that there is no widespread agreement on either fundamental or probable effects of this new phenomenon among college students.

A panel of professional communicators who discussed the Berkeley student unrest during the convention of the Associated Collegiate Press in San Francisco last weekend agreed only that the incidents reflected a major breakdown in communications within the campus community and between the campus and the outside community.

Adults on the panel, all of whom were alumni, also admitted that the college student of today is nothing like the "radical" of the 1930's or the "let us alone" generation of the late 1940's and 1950's.

Panel members, who faced an audience of student editors and collegiate press advisors for nearly two hours, included: Richard Hefner, public affairs staff member; Charles Hulten, chairman of the department of journalism at Berkeley; and Peggy Krause, present editor of the Daily Californian. Walter Frederick, publications advisor at Berkeley, was moderator.

Hefner opened discussions and outlined the sequence of events which led to a total disruption of the University's activities in early December.

Hefner admitted that many of the administration moves in coping with the situation were made without prior planning or discussion, and in reaction to "outside" pressures. The result, he said, was "alienation," a complete loss of contact between student leaders and higher ranking administration and staff members.

Miss Krause, copy editor for the Daily Californian when the unrest was at its peak, said that news coverage by student reporters was "not much better" than the coverage accorded campus activities by the San Francisco press. Every reporter on the student newspaper wanted to cover only the protest movement. Many of the reporters were emotionally involved with the events so that

their reporting was biased. Student reporters however, the editor said, did get the essential facts straight and they did interview the student leaders who were central to the issue.

Miss Krause said that students on campus generally, and not just the 3,000 or so immediately concerned with movement, were appalled by the lack of objectivity of the news reports in San Francisco papers. The tendency to sensationalize, to interview the more colorful campus characters and to interpret the movement as being inspired by "off campus subversives" lost for the San Francisco and the California press generally the faith of the students.

James Benet of the Chronicle admitted the accuracy of Miss Krause's observations. He said that, in retrospect, it seemed the press made several errors.

First, he said, the reporters covering the campus thought of student movements in terms of panty raids and gold fish swallowing. They didn't take the affair seriously until it was too late. Copy editors and headline writers were even slower in realizing the seriousness of the protest movement, and their handling of stories compounded the reporters' errors in lack of depth reporting.

Secondly, in reporting the refusal of a sizeable group of graduate assistants to hold classes, the press failed to take into consideration that this group was made up of some of the finest minds in the nation, and that Berkeley had recruited them, at considerable cost, for graduate work. Terming them crackpots and calling their activities silly alienated the group that had closest contact with the students. It helped swing the sympathy of many of the faculty away from the administration.

Thirdly, there were articles which attempted to link the student groups to "old fashioned" communists because certain of their leaders' parents had been identified with communism in pre-World War II days. Benet said that in the fringes were radicals from the left and right, but most of the students "tied to" communist groups actually were members of student Republican and Democrat groups.

Benet said that student attitudes are best verbalized by Steve Weiseman who preaches, "The big organization doesn't listen to the people at the bottom." Students in the mushrooming colleges feel more and more "at the bottom," Benet concluded.

Professor Hulten said that the Berkeley administration was unprepared for the crisis. Individual members made statements that were unwise, but from which they could not retreat. The journalism chairman said the off-campus pressures on the administration, particularly from the alumni, were high.

Hulten stated that the breakdown in communications between the Berkeley administration and its teaching assistants came at the department level. Many department chairmen were actively in support of the students' position and would not order their striking graduate assistants into class. Many others refused to get involved or concerned because of their lack of willingness to be administrators in the first place. Rotating chairmanships are "kicked around" and accepted reluctantly in some colleges of the university.

Some other interesting observations were made.

Miss Krause said that about 3,000 students could be termed "active" in the Free Speech Movement, willing to carry banners and to be identified. About half the students on the campus, she said, were sympathetic to the movement. Actual student leadership was limited to approximately a dozen persons, of whom Mario Savo was the best speaker, but who was far from a dominant personality in the leadership. Weiseman probably is the most influential leader.

Student protesters, according to the university public relations director, were very well organized in their own communications. Radio and telephone intercommunications bound the leadership together during crises even though there might have been widely separate activities. An operations central endeavored to coordinate the protesting students, and periodic news releases and progress reports were distributed in efforts to keep students informed of what was happening.



CAMPUS CUTIE this week is Jennifer Meyers, a freshman in Arts and Sciences from Fargo.

WEEKLY CALENDAR OF EVENTS

- WEDNESDAY, NOV. 3 —**
 6:00 p.m. Libra Meeting - The Forum, Memorial Union
 6:30 p.m. Circle "K" Club Meeting - Room 229, Memorial Union
 7:00 p.m. ASME Meeting - Crest Hall, Memorial Union
- THURSDAY, NOV. 4 —**
 3:30 p.m. Faculty Affairs Committee Meeting - Room 101, Memorial Union
 6:30 p.m. Cheerleading Tryouts - Ballroom, Memorial Union
 6:45 p.m. IVCF Meeting - Town Hall, Memorial Union
 7:00 p.m. ASCE Meeting - Crest Hall, Memorial Union
 8:00 p.m. Who's New Meeting - Prairie Room, Memorial Union
 Dames Meeting - Room 101, Memorial Union
- FRIDAY, NOV. 5 —**
 10:30 a.m. IVCF Meeting - Room 101, Memorial Union
 Lv. 4:00 p.m. Gamma Delta Leadership Conference - Grand Forks
 8:00 p.m. SUAB Movie "Triumph of the Will" - Ballroom, Memorial Union
- SUNDAY, NOV. 7 —**
 1:00 p.m. SUAB College Bowl - Memorial Union
- MONDAY, NOV. 8 —**
 11:30 a.m. IVCF Meeting - Room 101, Memorial Union
 6:30 p.m. ISA Meeting - Prairie Room, Memorial Union
- TUESDAY, NOV. 9 —**
 11:30 a.m. IVCF Meeting - Room 102, Memorial Union
 11:40 a.m. SUAB Old-Time Serial "The Iron Claw" - Ballroom, Memorial Union
 12:40 p.m. SUAB Old-Time Serial "The Iron Claw" - Ballroom, Memorial Union
 1:00 p.m. Rotary Career Day - Festival Hall
 5:30 p.m. Sigma Xi Meeting - Meinecke Lounge, Memorial Union
 6:15 p.m. Sigma Xi Dinner - Prairie Room, Memorial Union
 8:00 p.m. SNCC One-Act Play - Festival Hall
- WEDNESDAY, NOV. 10 —**
 11:30 a.m. UCCF Scholar's Hour - Room 102, Memorial Union
 IVCF Meeting - The Forum, Memorial Union
 3:30 p.m. Student Affairs Committee Meeting - The Forum, Memorial Union
 6:30 p.m. Circle "K" Club Meeting - Room 229, Memorial Union
 7:00 p.m. Tau Beta Pi Meeting - The Forum, Memorial Union

Campus Chest Drive Kicks Off Today

To the students:

It is our hope that North Dakota State University students will respond to the appeal of the Commission of Inter-Campus Affairs and assure the success of the 1965 Campus Chest Drive.



Dr. Albrecht contributes significantly to university citizenship and ad-

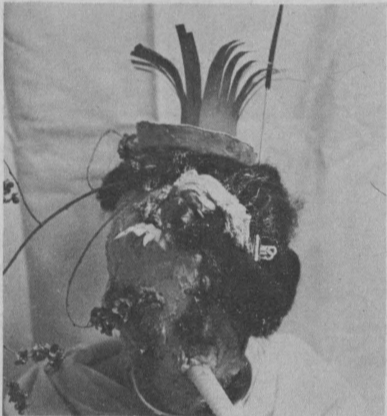
ditionally, through its contributions to deserving organizations in the Fargo area, makes its own impact off-campus. We appreciate the unique way by which the Campus Chest Drive helps to solidify community-university relationships.

President H. R. Albrecht

The Campus Chest Drive, by enlisting the participation of all students, contributes significantly to university citizenship and ad-



Paul Carlson, sponsored by the Alpha Gamma Delta sorority.



Robert Hendrickson, sponsored by the Kappa Alpha Theta sorority.



FIVE DOLLARS for the campus chest drive is given to Mirriam Carlson by Student Body President Jim Schindler.



Randy Buresh, sponsored by Weible Hall.



Jerry Hicks, sponsored by the Phi Mu sorority.

North Dakota State University's annual Campus Chest Drive will be held during the week of Nov. 3-9. As in the past, the money collected for the drive will be donated to charities primarily within the Fargo-Moorhead area.

Charitable organizations receiving money from the drive will be the Children's Village, North Dakota Association for the Blind, Opportunity School, North Dakota Crippled Children's Home, Cass County Association for Retarded Children and the Children's Home Society.

Commissioner of Inter-Campus Affairs, Gary Powell, stated, "The Campus Chest Drive is the only charity drive on the NDSU campus and this is the only time students will be contacted for donations during the year."

The Campus Chest Drive committee suggests that each student

donate \$1 or about .08 per cent of the total amount spent by the average NDSU college student.

As a feature of this year's Campus Chest Drive, a trophy will be awarded to the organization which collects the most money. The commission is awarding this trophy in order to assure that all off-campus students are contacted.

A gauge painted on the main entrance of the Memorial Union will keep the student body informed on progress of the Campus Chest Drive. This year's goal is set at \$2,000. On Saturday, Nov. 6, the Alpha Phi Omega Ugly Man Dance will be held in the Memorial Union in conjunction with the drive.

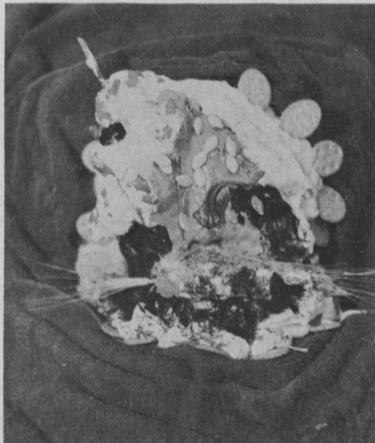
United Fund campaigners for the Fargo-Moorhead area estimate that they still have approximately \$150,000 to collect this final week of the drive. The goal is \$366,000.



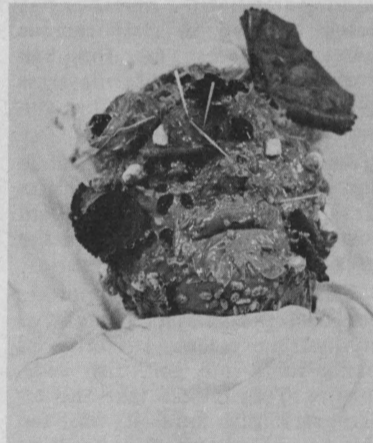
Al Steinmetz, sponsored by the Gamma Phi Beta sorority.



William Corwin, sponsored by the Kappa Delta sorority.



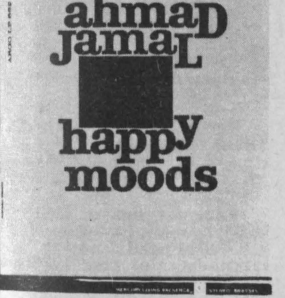
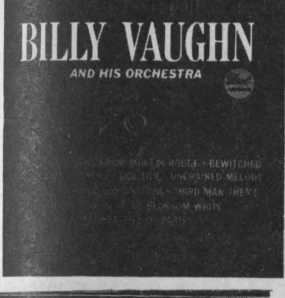
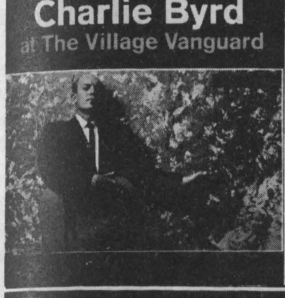
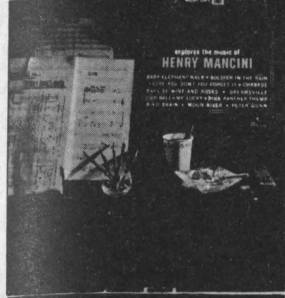
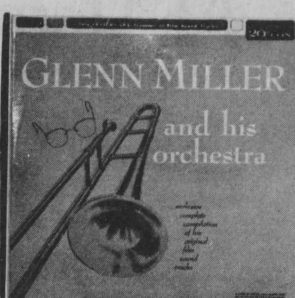
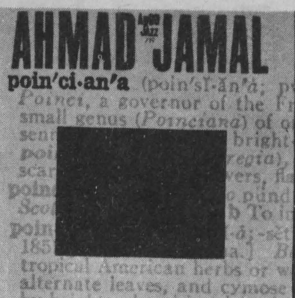
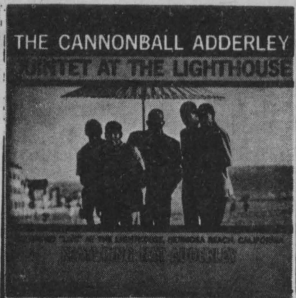
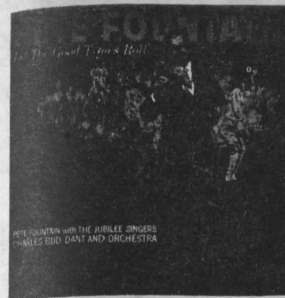
Walt Odegaard, sponsored by Dinan Hall.



Larry Rolfstad, sponsored by the Kappa Kappa Gamma sorority.



CAMPUS CHEST DRIVE planning committee. Left to right: Gary Powell, Margaret Holland and David Knudson.



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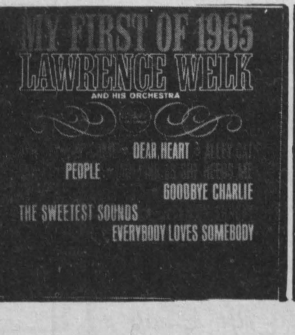
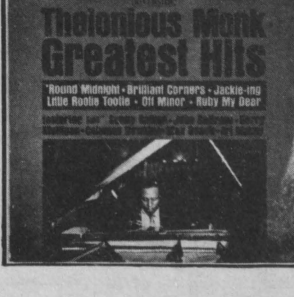
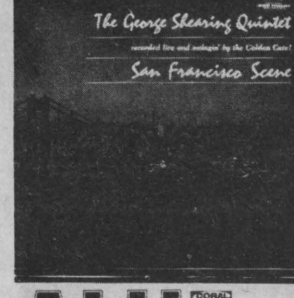
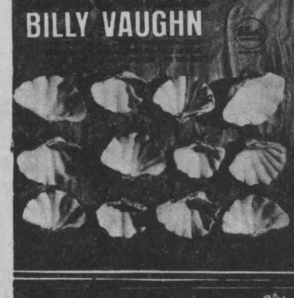
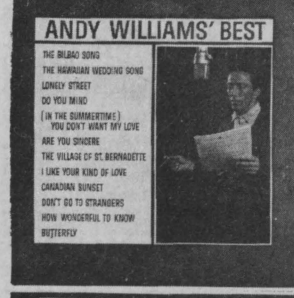
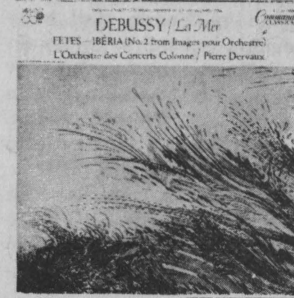
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Bandits Strike At Dorms

The 'food bandit' has struck again. He was caught in the act by two frightened girls on the second floor of Weible Hall. The girls discovered the bandit in a basket chewing on an apple. A counselor, Sherry Matzke, attempted to kill him, but he jumped out of the basket and took refuge in another room.

The girls in Weible Hall have been hearing scratchy noises in several of the rooms for the past few weeks. Also, nibbles have been found on cookies, cakes, apples and almost everything digestible.

It is reported that there is more than one bandit. Several mice have been spotted in the basement and on other floors of Weible Hall.

The bandits seem unaware of the excitement they have caused. On the scene, one is likely to find girls standing on chairs, beds, or desks. The air is pierced with such gentle admonitions as "kill him," "squash him," "get him quick, somebody."

"I'm not going to sleep in that bed tonight!" exclaimed Bonnie Glatz, AS 1. It is not unusual for

the girls to refuse to enter their rooms before a thorough search is made.

How are these bandits going to be captured? No one knows. This plea still remains, "Help! Somebody, please help!"



ARTIST'S SKETCH of Weible Hall bandit.

State Political Activity Urged

"To become an active Young Democrat you must educate yourself politically and must take part in politics in your state."

These rules were stated by Grand Forks County Young Democrats Chairman Bob Valeu when

Better Than Guns

Books For Asians Drive To Be Initiated

"It is better to give books than to give guns," says Harley Jones, Circle K chairman of the Books for Asians drive. "We hope the Asiatic people will learn to be self-reliant with the assistance of

these books," he added.

The Asian Foundation, a non-profit, non-political organization founded to help Asian countries, decided that sending books may be a good form of offering foreign aid. They contacted President H. R. Albrecht who forwarded the idea to Dean Scott, assistant dean of students. Scott asked Libra and Circle K, campus service organizations at North Dakota State University, to collect books.

These organizations are initiating a book drive on campus during the week of Nov. 14. Science books, professional and technical journals and works by standard authors are just a few types of university and secondary level books needed.

Departments and instructors will be canvassed. Students are asked to donate any books they can spare. The collection center will be the information desk of the Memorial Union.

The Asia Foundation hopes to correct misinformation about the West and to promote literacy with the help of the donated books.

"We feel that the Asia Foundation is a reputable organization. We see it as being a worthwhile attempt by our students to be of service to the people of foreign countries, particularly Asian coun-

tries," said Scott. He commented "Books are a very appropriate means of service by students at an educational institution."

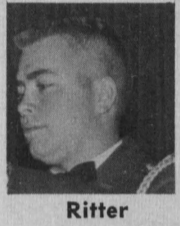
Cadet Selected Brigade Leader

Gary G. Ritter, AS 4, has been appointed, with the rank of Cadet Colonel, brigade commander of the Army Reserve Officer Training Corps at North Dakota State University.

Ritter, upon completion of summer camp at Fort Leavenworth, Wash., received the Distinguished Military Student Award. The award was given in recognition of his leadership abilities and academic standing.

Assisting Ritter are Cadet Lt. Col. Ronald Morsch, brigade executive officer, Robert E. Schmitz and Loren L. Tvenge, battalion commanders.

Cadet officers serve in various capacities for one quarter. They are reassigned for opportunity to receive experience in different positions.



Ritter

he spoke at the Young Democrats meeting Oct. 21.

Valeu added, "The clubs in North Dakota should make a point of having contacts in Bismarck from whom they can request brochures and information on tax measures, reapportionment, and other political actions."

Valeu and Charles Fleming, AG 3, chairman of the campus Young Democrats, were two of twelve North Dakota representatives present at the Young Democrats national convention in New York.

Valeu stated, "The North Dakota Young Democrats played an important role in the election of a new national president and in the introduction of two resolutions to the national organization."

The first resolution was that the national Young Democrats go on record as supporting the sale of wheat to all nations. This resolution also supports the elimination of the requirement that 50 per cent of the wheat be shipped by American vessels.

The second resolution was that the Young Democrats go on record as supporting the International Food and Nutrition Act introduced by Senator McGovern of South Dakota.

Placement Opportunities

Wed. & Thur., Nov. 3 & 4 —

General Electric Company will seek interviews with students majoring in electrical, industrial and mechanical engineering and physics, for positions in research, development, design, production, manufacturing and sales. Opportunities are also available in plant engineering, product, service and systems engineering.

Wed., Nov. 3 —

Collins Radio Company, Cedar Rapids, Iowa, will seek interviews with industrial, electrical and mechanical engineering students at all degree levels. Assignments are available in research, development, manufacturing, quality control, technical writing, product design, methods, plant layout and cost analysis.

Thur., Nov. 4 —

Cook Paint and Varnish Company will interview majors in protective coatings and organic chemistry for product development specifically in the automotive and industrial manufacturing area. Job opportunities will also be available in the development of synthetic resins utilized in the protective coatings industry.

Thur. & Fri., Nov. 4 & 5 —

Lockheed Missiles and Space Company offers challenging openings for mechanical, electrical and aero-engineering graduates at all degree levels. Openings are also available to mathematics majors at all degree levels.

Fri., Nov. 5 —

McDonnell Aircraft Corporation of St. Louis, Mo., has assignments in space programs for electrical, mechanical, civil and industrial engineering students at all degree levels. Chemistry students interested in protective

coatings and mathematics majors also invited to register for interviews.

Mon., Nov. 8 —

E. I. DuPont Construction Division will seek employment interviews with senior civil engineering students. Civil engineering students accepted for employment with the DuPont Company will be assigned as area engineers to the Construction Division. DuPont's building program is geared toward heavy chemical type of construction including manufacturing buildings, laboratories, offices, process equipment and systems and related facilities.

Mon. & Tue., Nov. 8 & 9 —

George A. Hormel and Company, Austin, Minn., seeks a wide variety of graduates for openings as live buyers, salesmen, industrial engineers, statisticians and quality controllers, engineers, chemists and architects.

Tue., Nov. 9 —

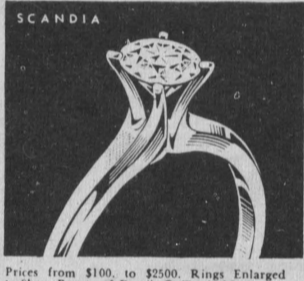
North Dakota State Highway Department seeks civil engineering graduates to fill available openings in the field of construction, structural and design.

Rayonier Inc. of Hoguam, Wis., a major manufacturer of high-grade chemical cellulose at mills in the United States and Canada, seeks views with senior civil and mechanical engineering students.

Wed., Nov. 10 —

U. S. Civil Service will send government representatives from various Federal agencies to meet with students interested in learning about careers in government service. The representatives will be available for student contacts from 9 a.m. to 4 p.m. in the Prairie Room located on the second floor of the Student Building.

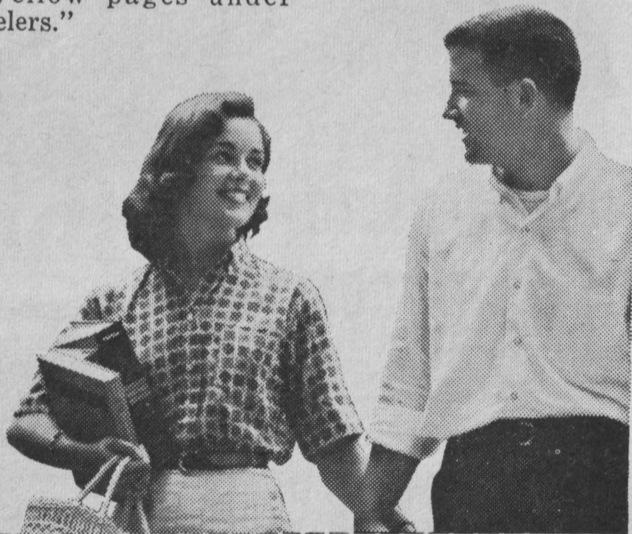
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Representatives Criticized

The North Dakota College of Young Republicans passed a resolution criticizing two United States Representatives at a recent meeting.

Alan Butts, AG 3, chairman of the North Dakota College of Young Republicans, reports that its executive committee met in Bismarck last week the Young Republicans passed a resolution criticizing Democratic Senator Quentin N. Burdick and Representative Rolland Redlin for betraying a majority of North Dakotans by favoring repeal of Section 14B of the Taft-Hartley

place of business where there is a union. This would mean that an employer by agreement is free to hire non-members as well as members of a union, but retains non-members on the payroll only on the condition of their becoming members of the union within a specified time.

Butts stated that, in his estimation, if 14B was repealed, this certainly wouldn't attract any industry to North Dakota.

As it is now, North Dakota is one of the few states that has a law against union shop. This means that an employer can hire anyone, union or non-union members. Butts feels that this is a favorable situation for attracting industry to our state.

Pharmacy Students Take Trip

Acquainting students with pharmaceutical industrial and research activity was the purpose of a tour taken recently by fourth

year students in the College of Pharmacy" stated Clifton Miller, dean of pharmacy.

Approximately 100 students participated in the annual trip, held Oct. 23-29. They toured leading pharmaceutical houses in the Chicago area.

Pharmaceutical production in action was observed at the Abbott Co. of Chicago. While in Indianapolis, the group visited the Eli Lilly Co. where they toured production and research facilities.

Gordon Strommen and William Henderson, instructors in pharmacy, and their wives accompanied the group.

Vet's Club Chooses New Sweetheart

Sheri McIntire, a senior in the College of Home Economics, has been selected by the Veteran Club as their 1965-66 Sweetheart.



Miss McIntire transferred to North Dakota State University after attending Stephens College and Arizona State University.

Selected from a field of four candidates, Miss McIntire was crowned last month to reign over the organization's activities for the remainder of the year. The selection was made by secret ballot after individual interviews with the candidates.

The Veterans Club is an organization of ex-service men attending college.

'Iron Claw'

Movie Serial Provides Weekly Suspense

Who is the "Iron Claw"? Will he succeed in his mission? This is the important question that is stumping approximately 45 students who are following the movie entitled "Iron Claw" every Tuesday noon.

The eight week serial is sponsored by the Student Union Activities Board film committee. Two episodes are shown each week; the first showing is at 11:40 a.m. and is repeated at 12:40 p.m.

There is an admission charge of ten cents to cover the cost of renting the film, projector and screen. According to Philip Kienholz, AS 4, film committee member, the film is not breaking even with expenses.

Students are invited to eat lunch while they are watching the movie.

June Magstadt, HE 4, says she skips lunch so she can see the exciting adventure. When she was reminded that she could take her lunch to the movie she said, "who's got time? I'd probably miss something."

Dr. Evan Pepper, assistant professor of plant pathology, says, "The film is fantastic. Probably the best ever produced. It should have been nominated for the Academy Awards—under special division, of course."

Don Fulp, CH 3, says, "the film is such a switch that it is relaxing. It is a real relief from the

class room. It offers a chance to relax in between classes." He has recommended it to his friends and says he knows they are coming too.

Ron Mrnak, speech instructor, says "Every man should see the 'Iron Claw.' It offers him a chance to see what his wife watches, or will watch, everyday at home on TV. He cautions people with weak hearts not to watch the movie as it is so exciting it may prove fatal.

"It is absolutely incredible—it's never been nor could be duplicated," says Robert Mooney, graduate assistant in speech.

After Christmas, the adventures of Captain Video will be shown by the film committee.

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Campus Notices

CCC Sponsors Play

Tues. Nov. 9, at 8 p.m. in Festi-Hall, the North Dakota State University Friends of SNCC will sponsor play "A Study In Black and White" by Malcolm Boyd. The play will be staged by Bernie Backman and Cyril Paul from Minneapolis. Following the performance, Cyril Paul will sing folk songs. Tickets for the play will be 75 cents for students and \$1.00 for others, and may be purchased at the door.

Lutheran Student Congregation

At 7 p.m. each Sunday evening in the Lutheran Student Congregation there will be lectures, panels and discussions of relevant issues confronting students as they seek to relate themselves to the university, church and contemporary world. An informal supper will precede each program at 6 p.m. Theme for the fall semester is "Living in the Anxiety of Change."

The Campus As An Arena

Nov. 7, The Campus As An Arena Self-Discovery.

The Challenge Of The New

Nov. 14, The Challenge Of The New Moral Morality.

Living In The Anxiety Of

Nov. 21, Living In The Anxiety Of Change, A Call To Action.

Natural Radio Society

The North Dakota State University Natural Radio Society will conduct classes in code and theory for those people interested in becoming licensed operators. The classes will begin Wed., Nov. 3, at 7 p.m. in room 219 of the Electrical Engineering Building.

Preparations for the children's play

Preparations for the children's play "The Land of Christmas Always" will begin Wed. and Thur., Nov. 3-4, at 7 p.m. No experience is necessary; everyone is welcome.

Young Republicans

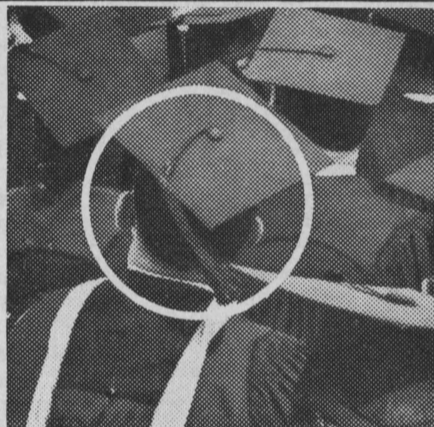
There will be a meeting of the Young Republicans on Sun., Nov. 3, in room 227, Memorial Union. All interested persons are welcome.

Agronomy Club

There will be an Agronomy Club meeting Thurs., Nov. 11 at 7 p.m. in room 221, Waister Hall.

Senior Class Pictures

All individual student portraits, 3 glossy prints, must be placed in the Elson Annual mailbox in the Student Activities Room by Dec. 1. Portraits of seniors are due Nov. 15.



John Lauritzen wanted further knowledge



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When the University of Nevada awarded John Lauritzen his B.S.E.E. in 1961, it was only the first big step in the learning program he envisions for himself. This led him to Western Electric. For WE agrees that ever-increasing knowledge is essential to the development of its engineers—and is helping John in furthering his education.

John attended one of Western Electric's three Graduate Engineering Training Centers and graduated with honors. Now, through the Company-paid Tuition Refund Plan, John is working toward his Master's in Industrial Management at Brooklyn Polytechnic Institute. He is currently a planning engineer developing test equipment for the Bell

System's revolutionary electronic telephone switching system.

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SPEECHLESS Chuck Bentson expresses his feelings after receiving a boat, motor and trailer at Saturday's game. Looking on are Mrs. Bentson and Fargo Mayor Herschel Lashkowitz.

Unbeaten Bison Roll To 66-8 Victory

Coyotes from the University of South Dakota fell victim to the biggest Bison blitz since 1917 Saturday. They lost to North Dakota State University 66-8.

Bison gridders, while on their way to their thirteenth victory in a row and at least a part of the North Central Conference crown, scored their highest total since North Dakota Agricultural College defeated Fargo College 85-0 in 1917.

The most one-sided Bison victory came in 1912 when the Bison defeated the Wahpeton Indians 112-0.

At Saturday's game 5,500 fans were on hand to see a hard-hitting Bison defense continue their tough play. Coyote efforts managed 36 yards through their passing game but were thrown for 53 yards loss on the ground. The minus 17 yards total for USD is the third time this season that Bison opponents have operated with minus yardage.

Reserves played an important part in the Bison victory with five touchdowns being scored by players in fill-in roles. Bison defenders scored four points on two safeties and added a touchdown on a blocked punt. Middle line backer Jim Schindler picked up a blocked punt and ran 30 yards into the end zone untouched. Mike Ahneman kicked eight extra points in eight attempts.

Statistically, no victory could have been more one-sided. The Bison had 27 first downs compared to 3 for the Coyotes and in total yardage 497 to -17. Bison coaches had a steady flow of re-

serves going in and out of the game during the second half.

Morris Boeding gave the Coyotes their only bright spot in the contest with a 96 yard kickoff return for their only score. Boeding nearly got away for a second long kick-off return in the third quarter.

Ron Evenson, regular defensive halfback for the Bison, filled in for injured Vance Connor at left halfback and gained 77 yards in 15 carries. Evenson's strong running and two touchdowns earned him the SPECTRUM's Player of the Week award. Connor, who is suffering from a neck injury, got into the game in the third quarter and gained 25 yards in 8 carries.

Ken Rota, the Bison hard-running right halfback, took over the NCC scoring lead with two touchdowns while gaining 87 yards in 21 carries. Rota ranks behind Randy Schultz, State College of Iowa's Little All-American fullback in NCC rushing statistics.

Another surprise for Bison coaches was the strong play of

reserve quarterback Gary Showers. Showers completed five pass attempts for 93 yards and directed the 35 point Bison fourth quarter. Terry Hanson, Bison's starting quarterback, didn't play in the contest because of a knee injury and Jim Carlisle started at quarterback.



Bison coach Carl Nystrom praised the performance of the entire team while singling out Carlisle, Showers, Evenson and Roger Wallentine for their fine play in relief roles. Wallentine, Evenson's replacement in the secondary, has seen a lot of action all season as defensive halfback.

Nystrom stated, "We got a fine effort from everyone. They just couldn't get going and the defense stopped them both times they managed first downs. Carlisle gave the offense a real nice attack. There isn't much else you can say about a 66-8 victory."

Bentson Honored At Grid Contest

Charles Bentson, former Bison basketball coach, was honored by former basketball players and friends at Saturday's football game with the University of South Dakota. "Chuck Bentson Day" ceremonies were coordinated with "Parent's Day", an annual Bison grid event.

Bentson received a new boat, motor and trailer, from his former cagers and friends at the pre-game ceremonies. Art Bunker and Dave Torson, all North Central Conference cagers who played under Bentson, headed the campaign.

Fargo Mayor Herschel Lashkowitz presented Bentson with a scroll and the North Dakota State University Alumni Association presented the former mentor with a gift. While at the cage helm at NDSU, Bentson coached Fargo American Legion baseball.

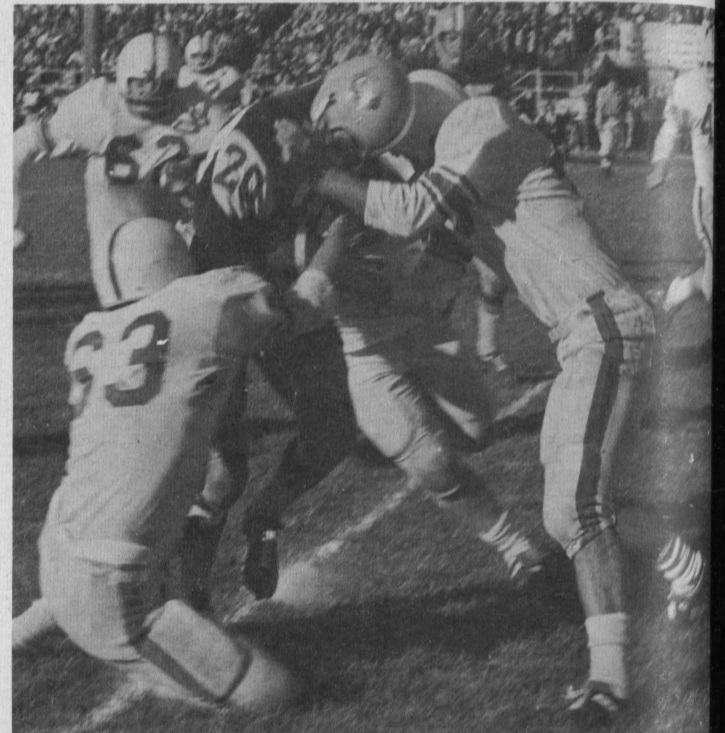
Parents of Bison football players were honored at halftime. Bison lettermen presented Mr. and Mrs. Frank Olson with a letterman's blanket and the Mineral Bowl victory ball in memory of their son, who played on the 1964 Bison and was killed during the summer in an automobile accident.

NORTH CENTRAL CONFERENCE

	W	L	T	Pct.	TP	OP
N. D. State U.	5	0	0	1.000	180	38
U. North Dakota	5	1	0	.833	143	47
Morningside	3	2	0	.600	108	78
State Coll. Iowa	3	2	0	.600	89	82
Augustana	1	4	1	.250	105	131
S. D. State U.	1	4	1	.250	84	149
U. South Dakota	0	5	0	.000	29	213

GAMES THIS WEEK:

North Dakota State University at Morningside College (Sioux City, Iowa)
 The University of South Dakota at State College of Iowa (Cedar Falls, Iowa)
 The University of North Dakota at Idaho State (Pocatello, Idaho)
 South Dakota State University at Colorado State University (Fort Collins, Colo.)



COYOTE defenders swam around Bison halfback Ron Evenson.

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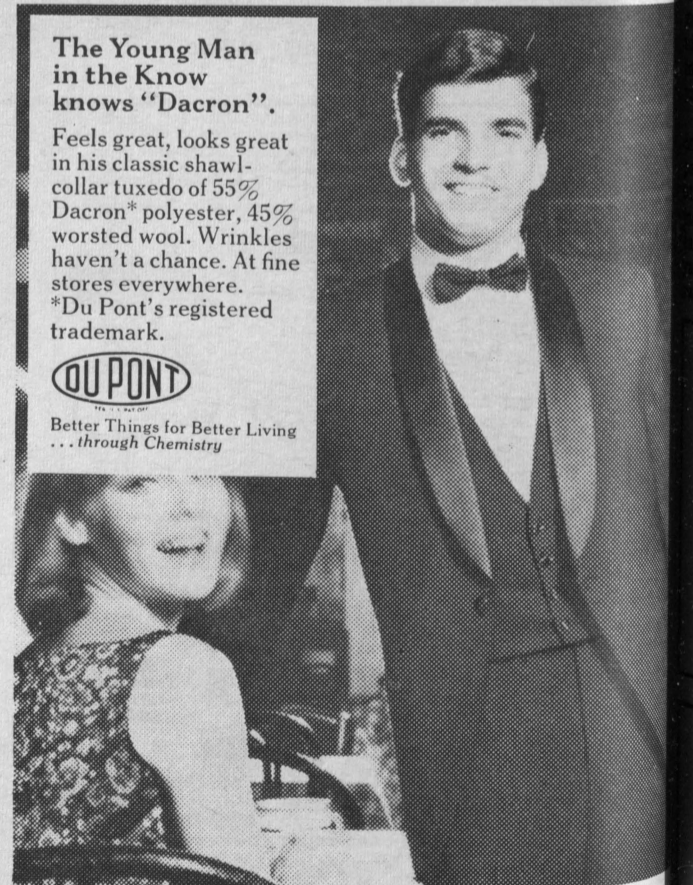
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Third Place Morningside Gridders Stake NCC Crown Saturday

Bison gridders meet the Morningside College Chiefs Saturday in the last leg of North Dakota State University's journey toward the North Central Conference crown. A Morningside victory would assure the Chiefs a share of third place in the conference while the Bison would end the season in a tie with the University of North Dakota for the NCC

lost to the Chiefs 21-7. The game, which saw nine interceptions and seven fumbles, dropped Augustana into a tie with South Dakota University for fifth place in the NCC.

Dick Koppenhaver, Bison football scout, saw the Chiefs in action against Augustana and commented, "They pushed Augustana all over the field for the first half. It was probably the best first half I've seen of any team I've scouted for the Bison this year."

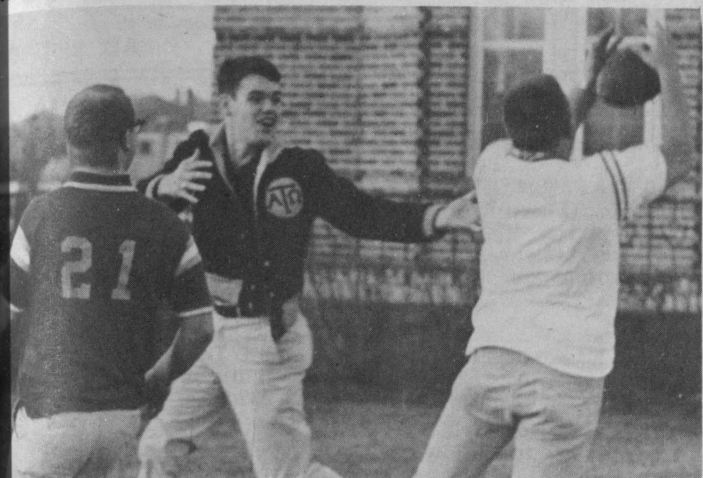
"They got strong running from

Gary Beaubien and Ken Kuchel and they probably have the best receiver in the NCC in Ken Hoogenson." Koppenhaver continued, "They usually started strong in past years, and were hurt by injuries. But this season they have a healthy squad and are well above their performances of past seasons."

Hoogenson, an all NCC end last season, has caught 16 passes for 191 yards and two touchdowns this season. Don Schuldt and Herb Larson share Chief quarterbacking duties. Schuldt has hit 14 of 34 passes for 185 yards while Larson has completed 18 of 39 for 173 yards.

Larson, a sophomore, scored two Chief touchdowns in the Augustana victory while directing a balanced Morningside attack. The Chiefs had 182 yards rushing and 138 yards passing for the contest.

Koppenhaver viewed the upcoming Bison-Chief battle and commented, "We will have to stop their running attack first, although they use passing effectively also." Morningside has averaged 174 yards rushing and 89 yards passing in their previous contests.



CHAMPION Alpha Tau Omega gridders scrimmage on their front lawn.

Taus Take IM Football Title

Alpha Tau Omega defeated Alpha Epsilon by a score of two to win the intramural touch football championship. The Taus held a pressing offensive drive on their 12 line in the third quarter to secure the victory.

Mark Weed, Tau IM representative, stated that the defense was great against the SAE. Weed named the SAE as the best team the Taus faced through the entire season.

Dan Wanner, an ATO defensive tackle, drew praise from Weed after he stopped two consecutive SAE plays in the decisive third quarter. Wanner played the latter part of the game with an injured nose.

The Tau defensive unit is composed of Gary Johnson, Curt Glascoe, John Lama, Jim Twetten, Jacques LaMarre, Tom Suby, Mike Donovan, Wanner and Weed. Steve Brekke, Kris Bjornson, Don Seltvedt, Jack Landblom, Johnson, Wanner, Suby, Lama and Weed play offensively for the ATO's.

Coop gridders defeated Tau Kappa Epsilon 12-0 to take third place in the IM touch football program. Each of the four top teams in the football finals are awarded points for their placing toward the over-all IM championship.

Frosh Win Third 19-14 Finale

Freshmen gridders from North Dakota State University wrapped up their four game season with a victory Friday as they defeated the South Dakota State University Bunnies 19-14.

Strong line play and a hard-running attack highlighted the Bison victory. Jack Hagen, Dan Nevils and Dan McMahon gave the Bison frosh a strong run-game with 287 yards rushing. Nevils led the trio with 114 yards in nine tries.

Edly McNamee, a Bison second man, picked off a Bunny in the third period and raced 40 yards to provide the victory margin. Nevils scored the two Bison touchdowns on a 31 yard pass play and a 48 yard end



TRYOUTS for Bison basketball cheerleaders will be held Nov. 4 at 7:30 p.m. in the Memorial Union Ballroom. Practices for girls who are interested in trying out are scheduled for tonight from 7-9 p.m. and Thursday from 6:30-7:30 p.m. in the Memorial Union.



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IM Revamping Long Overdue



North Dakota State University's intramural program is due for revamping which will probably be completed next fall. A brief outline of the new IM program was told by the future IM director Bud Belk at Monday's meeting of the board.

Present IM director Erv Kaiser will relinquish his position this spring and will be replaced by Belk. Belk, a former South Dakota State University basketball player, is coaching freshman basketball at NDSU and will help varsity coach Doug Cowman with his duties. Cowman and Belk were teammates as SDSU.



Belk
ly come under fire by representatives on the IM board.

Mark Weed, Alpha Tau Omega IM representative, commented, "The entire touch football program is definitely in need of improvement so officials can do a more satisfactory job. This would eliminate the usual arguments that are in every game now."

Minutes of meetings will be mimeographed and handed out to each organization's representative at the following meeting, under Belk's administration. Belk also outlined a plan whereby, following completion of each sport, representatives would be allowed to make suggestions for adding new rules.

NDSU's intramural program is suffering from growing pains in addition to its disorganization. Last year over 900 men took part in the IM program which included bowling, touch football, billiards, ping pong, basketball, volleyball and softball. Basketball had the largest number of participants with 52 teams included in the winter quarter program. Kaiser expects 60 teams for basketball this season. He expects an increased problem in getting the regular season play completed with the limited space.

The Fieldhouse is used for varsity and freshman basketball, and it is doubtful that the IM program will have enough time to complete an extended program. The IM program will more than likely suffer from lack of space.

CLOSING NOTES

San Diego State has replaced Drake University on the 1966 Bison football schedule. The Bison will meet SDS at San Diego, Nov. 5

Bison quarterbacks are completing a higher percentage of their passes than any other team in the North Central Conference. The Bison signal callers, Terry Hanson, Jim Carlson and Gary Showers are completing passes at a .530 pace, well ahead of second place Corey Colehour of the University of North Dakota, who is hitting .508 of his attempts.

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Test Case

Constitutionality Issue To Be Settled

by Al Peterson

Papers alleging the unconstitutionality of the proposed \$5 million state-backed bond issue have been served against the State In-

dustrial Commission in District Court of Burleigh County, according to North Dakota Assistant Attorney General Jerry Van De Wald.

Van De Wald said the State of North Dakota denies that it is unconstitutional. The case will probably be appealed for a North Dakota Supreme Court ruling, regardless of action taken in District Court.

How long it will take the case to reach the Supreme Court cannot be exactly forecast. Generally the court has been extremely cooperative; however, it has taken up to two years for a case to reach the court. It is expected the urgency of this issue will make two to three months a more reasonable estimate.

This means that North Dakota college students on the quarter system will again pay \$60,000 at the start of the next quarter. It is highly possible that another \$60,000 will be collected spring quarter unless the case is rushed through.

The bond issue, which was set up to help cover building costs in North Dakota colleges and universities, is being filed by Dr. Oscar C. Nord, a Grand Forks dentist.

Dr. Kenneth Raschke, North Dakota Commissioner of Higher Education, previously told the *Spectrum* that if the Supreme Court rules the case unconstitutional, the money will be returned to the students.



HALLOWEEN DANCE being enjoyed by Larry Rolfstad, AS 4, and Linda Warner, AS 3.

Tenure Safeguards NDSU Professors

Tenure, a safeguard to the faculty of North Dakota State University, is accorded to those faculty members who have completed six years of professional work, including a minimum of one year at NDSU.

If a professor is discharged from his position and feels that the reasons for his dismissal are

unjust he may present his case to the tenure committee.

The committee evaluates the evidence presented by the person dismissed and by those requesting his dismissal. A recommendation is then submitted to NDSU president and to the North Dakota Board of Higher Educa-

tion does not agree with the committee's recommendation, a joint meeting of the board and the committee is held before final action is taken.

No action can be taken by persons released because of the lack of funds or because of the dissolving of a department.

According to Clifford Anderson, professor of mechanical engineering, grounds for dismissal are immorality, incompetence or insubordination.

Present members of the tenure committee, selected for five year terms by those NDSU faculty members who have tenure, are Arlon Hazen, dean of agriculture; Dr. David Moir, professor of botany; Dr. James Dogger, professor of entomology; Dr. Jessie Parsons, professor of bacteriology, and Anderson.

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Work Study Program Started; Eighty Students Participating

"Approximately 80 North Dakota State University students participating in the new work study program have utilized over \$26,000 in federal grants-in-aid," says Wayne Tesmer, financial aids officer.

To be eligible a student must have good potential for college work and a family income which is below certain minimum standards previously set by the Office of Economic Opportunity.

A maximum of 15 hours of work per week is set for the students during the regular school session; during the summer and holidays they may work 40 hours.

According to Tesmer, currently the minimum wage rate is \$1.00 per hour; however, he added that the average at NDSU is \$1.25.

At present each of the six colleges employ at least one participant in the program. Most of these students at NDSU are either freshmen or sophomores because, as Tesmer states, "If they were upperclassmen and so poor that they qualified, they probably

wouldn't have entered school before this time."

There are certain university departments where these people cannot be employed because of the wage scale. Tesmer explained that because operations such as the University Food Service start their wage scale around 80 cents an hour, opportunities for students are severely limited.

Plant Pathologist Recently Elected

Recently elected vice-president of the American Phytopathological Society was Dr. Harold H. Flor, research plant pathologist at North Dakota State University. He was also named as one of the society's 33 fellows. This is the first year the society has elected fellows.

Dr. Flor, who developed Bolley flax, will be president-elect in 1966 and president of the Society in 1967 as a result of the successive method of election.

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WINTER QUARTER 1965-66

Pre-Registration Schedule

All Students in attendance Fall Quarter must register during the pre-registration period and pay fees in accordance with the payment schedule to avoid a \$15.00 late fee.

CRITICAL DATES & LOCATIONS

1. Pre-programming with Advisers-November 11-November 17 in Adviser's Offices.

2. Obtain your own I.B.M. Master Card in the Library Lobby according to the following schedule:

Seniors & Graduate Students	Thursday Nov.18-8:30a.m.-10:00a.m. (A-L), Thursday Nov.18-10:00a.m.-12Noon (M-Z)
Juniors	Thursday Nov.18-1:30p.m.-3:00p.m. (A-L), Thursday Nov.18-3:00p.m.-4:30p.m. (M-Z)
Sophomores	Friday Nov.19-8:30a.m.-12Noon (A-L), Friday Nov.19-1:30p.m.-4:30p.m. (M-Z)
Freshmen	Monday Nov.22-8:30a.m.-12Noon (A-L), Monday Nov.22-1:30p.m.-4:30p.m. (M-Z)

The Student's classification as of beginning of Fall Quarter will govern Master Card distribution and class cards will not be issued to any student who does not present his Master Card, along with an approved Trial Card, at the appropriate locations.

3. Obtain I.B.M. Class Cards by presenting an approved Trial Schedule plus I.B.M. Master Card at the following locations beginning at 8:30a.m., Thursday, November 18:

For all courses in Agriculture, Arts and Sciences, Engineering, and Pharmacy class cards will be distributed at the respective Departmental Offices.
For all courses in Chemistry and Physics, and Home Economics, the class cards will be distributed at the respective Deans' Offices.

4. After obtaining all Class Cards, students complete an official registration form, obtain advisor's signature, and present all registration materials to the Registrar's check-out tables in the Student Lounge of the Library. The Registrar's Office will process registrations from:

8:30a.m. to 12:00Noon and 1:00p.m. to 4:30p.m. on November 18,19,22,23,24

Students must clear the Registrar's tables by 4:30p.m., November 24 to avoid a late fee charge. Students are urged to clear as early in the period as possible to take advantage of the lesser time then required because of shorter lines.

5. Fees will be payable December 7,8,9,10 also in the Library. Students will receive a fee payment schedule when they clear with the Registrar's Tables.

6. Registration for new students as well as for returning students not in attendance Fall Quarter will take place in Departmental Offices on Friday afternoon, December 3 from 1:00-4:00p.m. The Registrar's Office will process these registrations during the same hours in the Student Lounge of the Library.

Schedule of Classes

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
COLLEGE OF AGRICULTURE					
GENERAL AGRICULTURE					
303 (Agric. Comm.)	Eng.103	3	11:30MW	Nies	Min401
-Sec 1			2:30-5:20M		Min403
-Sec 2			2:30-5:20W		Min403
304 (Agric. Comm.)	Gen.Ag.303	3	10:30Th,2:30-5:20Th	Logan	Ceres TV
AGRICULTURAL ECONOMICS					
103 (Prin.Agric.Econ.)		3	8:30Th,12:30F	Hertsgaard	Mor308
203 (Prin.Agric.Econ.)	Ag.Ec.103	5	11:30MTWTh,3:30F	Erlandson	Mor308
320 (Farm Mgmt. Prin.)	Ag.Ec.203	3	10:30MW,2:30Th	Staff	Mor308
326 (Prin.Mkt.Farm Prod.)	Ag.Ec.203	3		Hemphill	Mor210
-Sec 1			12:30MW,8:30F		Mor210
-Sec 2			2:30MW,10:30F		Mor210
327 (World Agric.)	Ag.Ec.203	3	9:30Th,1:30F	Johnson	Mor212
332 (Intro. to Prices)	Ag.Ec.203	3	4:30MTW	Cox	Mor308
409 (Land Economics)	Ag.Ec.320	3	11:30Th,3:30F	Johnson	Mor212
411 (Marketing-Crops)	Ag.Ec.326	3	9:30MW,1:30Th	D.Anderson	Mor210
414 (Adv. Marketing)	Dept.appr.	3	8:30MW,12:30Th	Nelson	Mor212
418 (Agric. Credit Inst.)	Ag.Ec.318	3	1:30MW,9:30F	Taylor	Mor308
424 (Agric. Adjustments)	Ag.Ec.320	3	2:30MW,10:30F	Anderson	Mor212
442 (Agribus.Std.inCmp.Mktg.)	Ag.Ec.411	3	1:30-5:20T+arrgt.	D.Anderson	Mor208
496 (Intr. Res.Methodology)	Sr.Stg.	3	3:30MW,11:30F	Taylor	Mor212
498 (Seminar)	Jr./Sr.Stg.	1	4:30Th	Hemphill	Mor308
499 (Special Problems)					
-Sec 1	Dept.appr.	1-3	4:30M+hrs.arrgt.	Staff	Mor208
-Sec 2 (Principles)	Ag.Ec.203	3	7:30ThF	Hertsgaard	Mor212
580 (Adv.Prod.Economics)	Ag.Ec.480	3	4:30M+hrs.arrgt.	Anderson	Mor208
599 (Thesis & Research)	Grad.Stg.	1-5	By arrgt.	Staff	Mor208
AGRICULTURAL EDUCATION					
321 (Meth. in Voc'l.Agric.)	Dept.appr.	3	8:30-10:20MTW,1:30-4:20T	Owen	Mor103
402 (Meth. in Farm Mech.)	AgE112,Ed215	2	8:30-10:20ThF	Owen	Mor103
403 (Directed Teaching)	Dept.appr.	9	By arrgt.	Owen	Mor103
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Owen	Mor103
AGRICULTURAL ENGINEERING					
310 (Farm Struct.&Util.)	Math122	5	9:30Th,1:30F	Hinkle	AgE201
			2:30-5:20Th		AgE208
312 (Adv. Farm Mech.)	AgE112,ME217	3	1:30Th,	Moilanen	AgE215
			9:30-11:20MW		AgE210
320 (Farm Elect.)	Math122 or appr.	3	8:30Th,	Witz	AgE215
			2:30-5:20M		AgE210,215
334 (Irrigation Meth.)	Soils201	3	1:30MW,9:30F	Holmen	AgE205
498 (Seminar)	Sr.Stg.	1	1:30T	Staff	AgE104
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	AgE104
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	AgE104
AGRONOMY					
103 (Introduction)		3	7:30Th	Lund	Mor308
-Sec 1			2:30-4:20M		Wal247
-Sec 2			12:30-2:20T		Wal247
-Sec 3			12:30-2:20F		Wal247
202 (Grain Crops)	Agron.103,Bot.111	3	8:30Th	Peterson	Mor212
-Sec A			2:30-4:20T		Wal247
-Sec B			12:30-2:20W		Wal247
306 (Genetics)	Bot.111orZool.111	3	9:30Th	Sandal	AgE223
-Sec 1			2:30-4:20W		Wal247
-Sec 2			12:30-2:20Th		Wal247
-Sec 3			9:30-11:20F		Wal247
307 (Genetics Lab)	Agron.306	1	By arrgt.	Sandal	Wal237
490 (Rpts.inCrop Prod.)	Dept.appr.	2-5	By arrgt.	Staff	Wal202
498 (Seminar)	Dept.appr.	1	1:30T	Carter	Wal221
499 (Sp.Prob.-Cyto.ofAnuepoids)	Ag422	3	By arrgt.	Maan	Wal241
518 (Exp.Designs II)	Agron.418	3	11:30Th,3:30F	Bothun	Wal221
534 (Quant.Inherit.)	Agron.407,418	2	By arrgt.	Lebsack	Wal225
598 (Grad. Seminar)	Dept.appr.	1	3:30F	Carter	Wal202
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	Wal202
ANIMAL SCIENCE					
103 (Introd. Dairy Husb.)		3	8:30Th,12:30F	Edgerly	Da27
105 (Introd. An. Husb.)		3	8:30MW	Light	Shep9
-Sec 1			1:30-4:20M		Shep32
-Sec 2			8:30-11:20F		Shep32
-Sec 3			1:30-4:20F		Shep32
202 (Breeds of Livestock)	An.Sci.105	3	11:30Th	J.Johnson	Shep9
-Sec 1			1:30-4:20T		Shep32
-Sec 2			1:30-4:20W		Shep32
-Sec 3			1:30-4:20Th		Shep32
214 (Farm Meats)	An.Sci.105	3	9:30MW	V.Johnson	Shep9
-Sec 1			12:30-5:20M		Shep26
-Sec 2			12:30-5:20T		Shep26
-Sec 3			12:30-5:20F		Shep26
230 (Feeds & Feeding)		4	11:30MW,3:30Th,	Peterson	Shep12
			10:30-12:20F		Shep12
309 (Poultry Breeding)	AnS201,Agron306	3	7:30ThF	Bryant	VanEs301
314 (Dairy Cattle Feeding)	An.Sci.330	3	8:30MW,12:30Th	Edgerly	Da27
315 (Sheep Prod.)	An.Sci.230 or 330	3	10:30MW	Light	Shep9
-Sec 1			1:30-4:20T		SheepBarn
-Sec 2			1:30-4:20W		SheepBarn
ANIMAL SCIENCE-Continued					
317 (Hog Prod.)	An.Sci.230 or 330	3	8:30Th	J.Johnson	Shep9
-Sec 1			1:30-4:20W		HogBarn
-Sec 2			1:30-4:20Th		HogBarn
330 (Prin.An.Nutrition)	Chem.241	5	8:30MW,12:30Th	Staff	Mor210
-Sec 1			1:30-3:20Th		Shep12
-Sec 2			8:30-10:20F		Shep12
332 (Nutr.of Monogastric An.)	AnSci330	3	10:30Th,2:30F	Staff	Shep9
410 (Tech. Control)	Dept.appr.	3	By arrgt.	Jensen	Da29
423 (Phys.of Reproduction)	Z111,Ch241	3	12:30MW,8:30F	Tilton	Shep9
427 (Animal Breeding)	Agron.306	3	9:30Th,1:30F	Buchanan	Shep9
498 (Seminar)	Dept.appr.	1	1:30T	Staff	Shep12
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Wal306
598 (Grad. Seminar)	Dept.appr.	1	By arrgt.	Staff	Wal306
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	Wal306
BACTERIOLOGY					
202 (Bact. For Nurses)		4	2:30MW,10:30F	Fulghum	Mor308
-Sec 1			1:30-3:20Th	Funke	Mor323
-Sec 2			3:30-5:20Th	Fulghum	Mor323
270 (General)	Chem.241	4	7:30ThF	Funke	AgE223
-Sec A			9:30-11:20M	Doubly	Mor323
-Sec B			1:30-3:20M	Doubly	Mor323
-Sec C			9:30-11:20W	Doubly	Mor323
-Sec D			1:30-3:20W	Funke	Mor323
320 (Public Health)	Bact.270	2	10:30Th	Doubly	Mor308
407 (Food Microbiology)	Bact.270	4	1:30MW,9:30-12:20Th	Holm	Mor212,322
418 (Physiology of Bact.)	Bact.417	4	By arrgt.	Sleeper	Mor314
431 (Adv. General Bact.)	Bact.270	5	9:30MW,1:30Th	Fulghum	Mor309
			1:30-4:20MW		Mor322
498 (Seminar)	Dept.appr.	1	By arrgt.	Sleeper	Mor314
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Mor319
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	Mor319
CEREAL TECHNOLOGY					
441 (Cereal Chemistry)	Chem.292or393	3	10:30MW,2:30Th	Gilles	Harris203
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Harris106
598 (Seminar)	Grad.Stg.	1	4:30W	McDonald	Harris203
599 (Thesis & Research)	Grad.Stg.	1-5	By arrgt.	Staff	Harris106
ENTOMOLOGY					
305 (Insects Aff. Crops)	Ent.201	3	10:30Th,2:30F	Callenbach	Mor212
312 (Systematic Ent.)	Ent.201	4	7:30Th,1:30-4:20M	Post	Mor223
			+3hrs.arrgt.		Mor223
330 (Display Tech.)		3	11:30MW,+lab arrgt.	Post	Mor107
422 (Ins. Morphology)	Ent201,Org.Chem.	4	10:30MW,2:30-4:20MW	Mulkern	Mor107
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Mor219
505 (Ins.Vectors of Plt.Dis.)	Plt.Path	4	1:30MW,9:30F+hrs.arrgt.	Schulz	M107,13
599 (Thesis & Research)	Dept.appr.	3-9	By arrgt.	Staff	Mor219
HORTICULTURE					
206 (General)	Bot.111	4	11:30MW,3:30Th	Lana	Mor215
-Sec A			1:30-3:20M	Scholz	Hort.Grn.Hse.
-Sec B			3:30-5:20M	Scholz	Hort.Grn.Hse.
308 (Potatoes)	Bot.111 or Appr.	3	11:30Th,3:30F	Nelson,Johansen	Wal247
309 (Prin.of Landscaping)	Dept.appr.	3	10:30MW,	Hoag	Mor215
			+lab by arrgt.		Wal333
312 (Grn.Hse. Floriculture)	Bot.111	3	10:30Th	Holland	Wal315
			2:30-4:20T		Hort.Grn.Hse.
435 (Prin.of Hort.Crop Prod.)	Bot.301	3	By arrgt.	Nelson	Wal315
498 (Seminar)	Jr.Stg.	1	By arrgt.	Staff	Wal320
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Wal320
599 (Thesis & Research)	Grad.Stg.	1-5	By arrgt.	Staff	Wal320
PLANT PATHOLOGY					
450 (Plant Virology)	Dept.appr.	3	10:30MW,1:30-4:20F	Timian	Wal315
498 (Seminar)	Dept.appr.	1	By arrgt.	Staff	Wal318
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Wal318
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	Wal318
SOILS					
201 (Introduction)	Chem.107	5	2:30MW,10:30Th	Zubriski	AgE223
-Sec 1			1:30-4:20Th		Wal.111
-Sec 2			8:30-11:20F		Wal.111
-Sec 3			1:30-4:20F		Wal.111
330 (Soil Water Mgmt.)	Soil201,Phys201	4	12:30MW,8:30F	Bauer	Mor212
			1:30-4:20M		Wal.111
461 (Soil Chemistry)	Chem.205,Soils201	4	9:30MW,1:30Th	Moraghan	Mor212
			8:30-11:20F		Wal.143
497 (Lit. Survey in Soils)	Dept.appr.	3	By arrgt.	Staff	Wal.104
498 (Seminar)	Dept.appr.	1	By arrgt.	Staff	Wal.104
599 (Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	Wal.104
VETERINARY SCIENCE					
339 (Prevent.Vet.Med.)	Vet.Sci.338	4	11:30MTWTh,3:30F	Berg	VanEs303
499 (Special Problems)					
-Sec 1	Dept.appr.	1-3	By arrgt.	Staff	VanEs212
-Sec 2 (Parasitology)	Zool.111	3	8:30MW+lab arrgt.	Andrews	VanEs301,303

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
COLLEGE OF ARTS AND SCIENCES					
BOTANY					
111 (General)		4			
-Sec A			9:30MW, 1:30TH	Moir	Min319
-Sec B			9:30TH, 1:30F	Moir	Min319
-Sec 1			9:30-11:20MW	Staff	Min102
-Sec 2			12:30-2:20MW	Staff	Min102
-Sec 3			2:30-4:20MW	Staff	Min102
-Sec 4			7:30-9:20TH	Staff	Min102
-Sec 5			9:30-11:20TH	Staff	Min102
-Sec 6			12:30-2:20TH	Staff	Min102
-Sec 7			2:30-4:20TH	Staff	Min102
310 (Anatomy of Seed Plts.) Dept. appr.		3	12:30MW, 8:30-11:20F	Hayat	Min101, 102
402 (Exp. Ecology) Bot. 304 or appr.		4	10:30MW, 12:30-4:20TH	Staff	MinAnn4
412 (Range Hist. & Lit.) Bot 406 or appr.		3	By arrgt.	Whitman	MinAnn4
431 (Water Rel. of Plants) Bot 302 or appr.		3	By arrgt.	Duysen	Min101
498 (Seminar-Photoperiod Eff.) 8 crs Bot		1	By arrgt.	Duysen	Min101
499 (Special Problems) Dept. appr.		1-3	By arrgt.	Staff	
599 (Thesis & Research) Grad. Stg.		8-15	By arrgt.	Staff	

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
EDUCATION					
215 (Educ. Psychology)	Psych. 201	3	11:30TH, 3:30F	Eland	Min219
301 (Found. of Educ.)	Ed. 450	3	9:30MW, 1:30TH	Aarnes	Min322
303 (Hum. Growth & Dev: Adoles.)	Ed. 215	3	11:30TH	Flynn	Min319
-Sec A			3:30T+1hr. arrgt.		Min322
-Sec B			3:30W+1hr. arrgt.		Min322
-Sec C			4:30W+1hr. arrgt.		Min322
-Sec D			7:30 (p.m.) W+1hr. arrgt.		Min322
318 (Sec. Sch. Meth.) Taken with Ed. 450		3			
-Sec 1 (1st & last week of quarter)			8:30-12MTWThF, 1:30-4MTWThF	Staff	Min331
-Sec 2 (Jr. in Ag. or HEc.)			5-7:20 (p.m.) W	Biggs, Gant	Min322
325 (Meth. of Instr. Music)	Mus. 110	3	9:30MW, 1:30TH	Buren	Min303
370 (Spec. Meth. Tchg. English)		3	11:30TH+1hr. arrgt.	Staff	Min303
371 (Spec. Meth. in Tchg. Math.) Jr. Stg.		3	11:30MW+1hr. arrgt.	Friese	Min303
375 (Spec. Meth. Vocal Music)		2	8:30TH	Godwin	Putn20
377 (Spec. Meth. Tchg. Soc. Std.) Jr. Stg.		3	3:30TH+1hr. arrgt.	Eland	Min300
378 (Spec. Meth. Tchg. Spch.)		3			
-Sec 1 (Spch. Therapists Only)			1:30MW, 9:30F	Sigman	Clinic
-Sec 2	Ed. 318		1:30MTW	West	Adm207
440 (Intro. Counseling)		3	5-7:20 (p.m.) W	Mease	Min331
443 (Occ. Info. in Guid. Prog.)		3	5-7:20 (p.m.) Th	Staff	Min331
450 (Student Teaching) Dept. appr.		9-12			
-Sec 1			By arrgt.	Gant	Min327
-Sec 2			By arrgt.	Kaiser	PEd
-Sec 3			By arrgt.	Gregoire	PEd
460 (Curriculum Bldg.)		3	7:30-9:50 (p.m.) Th	Aarnes	Min314
472 (School Finance)		3	5-7:20 (p.m.) Th	Flynn	Min322
499 (Special Problems) Dept. appr.		1-3	By arrgt.	Staff	Min327
-Sec 1			By arrgt.	Leasure	Min
-Sec 2 (Stud. Pers. Work in H. Educ.)			5-7:20 (p.m.) T	Eustice	Min322
501 (Meth. of Research)		3	7:30-9:50 (p.m.) T	Eland	Min322
515 (Superv. of Instr.)		3	7:30-9:50 (p.m.) W	Staff	Min331
540 (Counseling Tech.)		3	5-7:20 (p.m.) M	Mease	Min331
542 (Prin. & Tech. of Group Guid.)		1-5	By arrgt.	Mease	Min330
545 (Counseling Practicum) Dept. appr.		0-3	By arrgt.	Staff	Min327
598 (Seminar) Dept. appr.		8-15	By arrgt.	Staff	Min327
599 (Thesis & Research) Dept. appr.					

ENGLISH AND PHILOSOPHY

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
ENGLISH					
101 (Freshman English)		3		Staff	
-Sec 1			10:30TH, 2:30F		Min208
-Sec 2			9:30TH, 1:30F		Min314
-Sec 3			2:30MW, 10:30F		Min208
-Sec 4			9:30MW, 1:30TH		Lib101
-Sec 5			10:30MW, 2:30TH		Lib101
-Sec 6 (For Foreign Students)			4:30MW+1hr. arrgt.		Min301
102 (Freshman English) Eng. 101		3		Staff	
-Sec 1			7:30MWF		SE31
-Sec 2			7:30THF		SE36
-Sec 3			7:30THF		SE35
-Sec 4			8:30MW, 12:30TH		SE31
-Sec 5			8:30MW, 12:30TH		SE36
-Sec 6			8:30MW, 12:30TH		Min208
-Sec 7			8:30MW, 12:30TH		Min402
-Sec 8			8:30TH, 12:30F		SE35
-Sec 9			8:30TH, 12:30F		SE36
-Sec 10			8:30TH, 12:30F		SE31
-Sec 11			8:30TH, 12:30F		Min402
-Sec 12			9:30MW, 1:30TH		SE31
-Sec 13			9:30MW, 1:30TH		Min402
-Sec 14			9:30MW, 1:30TH		Lib236
-Sec 15			9:30MW, 1:30TH		Min310
-Sec 16			9:30TH, 1:30F		SE31
-Sec 17			9:30TH, 1:30F		SE106
-Sec 18			9:30TH, 1:30F		Lib236
-Sec 19			9:30TH, 1:30F		Min310
-Sec 20			10:30MW, 2:30TH		Min322
-Sec 21			10:30MW, 2:30TH		Min314
-Sec 22			10:30MW, 2:30TH		SE31
-Sec 23			10:30MW, 2:30TH		Min310
-Sec 24			10:30MW, 2:30TH		Min401
-Sec 25			10:30MW, 2:30TH		Lib236
-Sec 26			10:30TH, 2:30F		Lib236
-Sec 27			10:30TH, 2:30F		Min310
-Sec 28			10:30TH, 2:30F		SE104
-Sec 29			11:30MW, 3:30TH		Min314
-Sec 30			11:30MW, 3:30TH		Min322
-Sec 31			11:30MW, 3:30TH		SE36
-Sec 32			11:30TH, 3:30F		Min322
-Sec 33			12:30MW, 8:30F		Min402
-Sec 34			12:30MW, 8:30F		SE35
-Sec 35			1:30MW, 9:30F		Min208
-Sec 36			1:30MW, 9:30F		Min322
-Sec 37			1:30MW, 9:30F		SE31
-Sec 38			1:30MW, 9:30F		Min310
-Sec 39			2:30MW, 10:30F		Min401
-Sec 40			2:30MW, 10:30F		Min402
-Sec 41			2:30MW, 10:30F		Min310
-Sec 42			2:30MW, 10:30F		Min219
-Sec 43			3:30MW, 11:30F		SE31
-Sec 44			3:30MW, 11:30F		Min314
-Sec 45			3:30MW, 11:30F		Min402
-Sec 46			4:30-5:45MW		Min208
-Sec 47			4:30-5:45MW		Min304
210 (Survey of English Lit.)		3	10:30TH, 2:30F	Sackett	Min319
227 (Survey of American Lit.)		3	2:30MW, 10:30F	Hove	Min319
256 (World Literature)		3	10:30MW, 2:30TH	Cater	SE32
260 (Intro. to Study of Lit.)		3	3:30MW, 11:30F	Engel	Min319
313 (Poetry of the Romantic Period)		3	9:30TH, 1:30F	Lyons	Min300
314 (The English Novel)		3	10:30TH, 2:30F	Schoff	Min304
320 (19th Cent. American Novel)		3	7:30-9:50 (p.m.) W	Engel	Min319
324 (Mod. Brit. & Irish Drama)		3	5-7:30 (p.m.) T	Hove	Min302
332 (Mod. Brit. & Irish Drama)		3	3:30-4:45MW	Phillips	Min310
338 (Shakespeare 1600-1616)		3	1:30MW, 9:30F	Schoff	Min305
351 (Adv. English Composition)		3		Phillips	
-Sec 1			9:30MW, 1:30TH		Min208
-Sec 2			9:30TH, 1:30F		Min322
370 (Spec. Meth. Tchg. English)		3	11:30TH+1hr. arrgt.	Staff	Min303
401 (Modern American Poetry)		3	10:30MW, 2:30TH	Sackett	Min300
406 (Chaucer)		3	9:30MW, 1:30TH	Cater	Min300
426 (Studies in Amer. Realism & Nat.)		3	7:30-9:50 (p.m.) Th	Cater	Min303
499 (Special Problems)		3			
-Sec 1 (Medieval Lit.)			By arrgt.	Cater	Min409E
-Sec 2 (Phil. of Language)			By arrgt.	Brkic	

PHILOSOPHY

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
302 (Intro. to Philosophic Prob.)		3			
-Sec 1			10:30MW, 2:30TH	Brkic	SE35
-Sec 2			2:30MW, 10:30F	Hertel	Min301

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Philosophy-Continued					
311 (Hist. of Med. & Ren. Phil.)		3	10:30MW, 2:30TH	Roach	Rel. Ed. Aud.
402 (Phil. of Religion)		3	7:30-10:00 (p.m.) W	Brkic	Min303
499 (Spec. Prob.-Phil. of Language)		3	By arrgt.	Brkic	
GEOGRAPHY					
101 (Introductory)		3	1:30MW, 9:30F	Kress	AgE223
252 (Economic Geog.)		3	10:30MW, 2:30TH	Kress	Min219
310 (Geog. of North America) Dept. appr.		3	7:30-9:50 (p.m.) T	Kress	Min219
499 (Special Problems) Dept. appr.		1-3	By arrgt.	Kress	Min103
GEOLOGY					
105 (Historical Geol.)	Phys. Geol.	5	1:30MTW, 9:30F	Brophy	Min219
-Sec A			2:30-5:20T		Min101
-Sec B			1:30-4:20F		Min101
304 (Minerology)	Phys. Geol.	4	11:30MW, 3:30-5:20MW	Metzger	Min101
312 (Geomorphology)	Phys. Geol.	3	10:30MW, 2:30-4:20TH	Brophy	Min101

LIBRARY SCIENCE

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
121 (Library Usage)		1		Staff	Lib101
-Sec 1			9:30T		
-Sec 2			10:30T		
-Sec 3			11:30T		
-Sec 4			1:30T		
-Sec 5			9:30TH		
-Sec 6			10:30TH		
-Sec 7			11:30TH		
-Sec 8			9:30F		
-Sec 9			10:30F		
-Sec 10			11:30F		
305 (Library Admin.)		3	By arrgt.	Sullivan	Lib234
306 (Book Selection)		3	By arrgt.	Sullivan	Lib234
307 (Reference)		3	By arrgt.	Sullivan	Lib234
310 (Practice Work)		3	By arrgt.	Sullivan	Lib234

MATHEMATICS

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
59 (Solid Geometry)	Plane Geom.	0	7:30MW	Staff	Min303
80 (Refresher Math.)	H.S. Algebra	0	7:30MTWThF	Staff	Min310
109 (College Algebra)	H.S. Algebra	5		Staff	
-Sec 1			9:30TH, 1:30MWF		MinAnn2
-Sec 2			11:30MWF, 3:30TH		MinAnn2
111 (Plane Trig.)	H.S. Algebra	4		Staff	
-Sec 1			7:30MTWTh		MinAnn2
-Sec 2			7:30MTWTh		Da27
-Sec 3			8:30MW, 12:30TH		MinAnn2
-Sec 4			8:30MW, 12:30TH		SE104
-Sec 5			9:30TH, 1:30MW		SE104
-Sec 6			10:30TH, 2:30MW		MinAnn2
-Sec 7			10:30TH, 2:30MW		SE106
-Sec 8 (Arch.)			11:30MW, 3:30TH		SE106
-Sec 9 (Arch.)			11:30MW, 3:30TH		SE104
-Sec 10 (Arch.)			7:30MTWTh		SE33
116 (Slide Rule)	Logarithms	1		Staff	
-Sec 1			7:30M		Min305
-Sec 2			8:30F		Min305
-Sec 3			10:30TH		Min305
-Sec 4			11:30F		Min301
118 (Plane Trig.)	Math117	3	8:30TH, 12:30F	Staff	SE104
120A (College Algebra)	H.S. Algebra	3	7:30MTWThF	Staff	Min301
120 (College Algebra)	H.S. Algebra	3		Staff	

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Mathematics-Continued					
380(Computer Programming)	Jr.Stg.	3			
-Sec 1			7:30ThF	Daniels	Min208
-Sec 2			8:30Th,12:30F	Daniels	Min208
-Sec 3			9:30Th,1:30F	Kuang	Min205
-Sec 4			11:30Th,3:30F	Holofien	Min208
426(Linear Alg.&Matrices)	Math425	3	9:30F,1:30MW	Olson	Min303
438(Anal.Gem.of Space)	Plane Anal.	3	9:30Th,1:30F	Lundquist	Min208
440(Intr.to Mod.Gem.)	ColGeom or appr	4	8:30MW,12:30Th	Schilling	Min304
445(Intr.to Num.Analysis)	Math303,380	5	11:30ThF,3:30MW	Holofien	Min305
448(Vector Analysis)	Calculus	3	11:30MW,3:30Th	Staff	Min205
451(Adv. Calculus)	Math450	3			
-Sec 1			9:30MW,1:30Th	Arena	Min304
-Sec 2			9:30MW,1:30Th	Shermoen	Min401
460(Statistics I)	Coll.Algebra	3	10:30Th,2:30F	Shuman	Min205
461(Statistics II)	Math460	3	9:30Th,1:30F	Shuman	Min303
468(Intr.to Math Statistics)	DptAppr.	3	10:30F,2:30MW	Kuang	Min303
499(Special Problems)		3			
-Sec 1 (Part.Diff.Equat.)	Math303		8:30Th,12:30F	Arena	Min304
-Sec 2 (Topology)	1stCrseTopology		11:30Th,3:30F	Shermoen	Min300
-Sec 3 (Prb.Grad.Math)	MaThruCalc		7:30-10(p.m.)	T Staff	Min202
520(Complex Variables)	Math450	5	10:30MWF,2:30Th	Arena	Min304
MODERN LANGUAGES					
FRENCH					
102(Elementary)	Fr.101	4			
-Sec 1			8:30Th,12:30MW	Sandblade	Min303
-Sec 2			9:30Th,1:30MW	Sandblade	Min402
-Sec 3			10:30MW,2:30Th	Papel	SE33
205(Intermediate)	Fr.204	4			
-Sec 1			12:30MTW,8:30F	Papel	Min401
-Sec 2			9:30MW,1:30Th	Papel	SE35
314(Selected French Readings)	Fr.206	3	By arrgt.	Papel	
GERMAN					
102(Elementary)	Ger.101	4			
-Sec 1			12:30MTW,8:30F	Marzolf	SE36
-Sec 2			9:30MW,1:30Th	Marzolf	SE36
-Sec 3			6:30-8:30(p.m.)	TTh Rathman	Min401
-Sec 4			11:30Th,3:30MW	Marzolf	SE36
205(Intermediate)	Ger.204	4			
-Sec 1			9:30Th,1:30MW	Hertel	Min401
-Sec 2			10:30Th,2:30MW	Marzolf	SE36
215(Scientific German)	Ger.103	4	10:30MW,2:30Th	Hertel	Min402
313(German Lyrics)	Ger.206	2	By arrgt.	Hertel	
RUSSIAN					
102(Elementary)	Russ.101	3	7:30-8:45(p.m.)	TTh Papel	Min310
205(Intermediate)	Russ.204	3	7:30-8:45(p.m.)	MW Papel	Min314
SPANISH					
102(Elementary)	Sp.101	4			
-Sec 1			10:30Th,2:30MW	Stallings	SE35
-Sec 2			10:30MW,2:30Th	Stallings	SE36
-Sec 3			6:30-8:30(p.m.)	TTh Manalich	Min309
205(Intermediate)	Sp.204	4			
-Sec 1			9:30Th,1:30MW	Stallings	SE33
-Sec 2			9:30MW,1:30Th	Stallings	SE33
301(Convers.&Composition)		3	By arrgt.	MW(p.m.) Manalich	
MUSIC					
111(Intr.to Music Lit.)		3	12:30MW,8:30F	VanVlissingen	FestHall
112(Symphonic Lit.)	Mus.111	3	8:30Th,12:30F	Johnson	Putn20
121,122,123(Elem.Piano)		2	By arrgt.	Croal,Koenig	Putn11,13
131,132,133(Elem.Voice)		2	By arrgt.	Godwin,Ledet	Putn4
141,142,143(Elem.Winds)		2	By arrgt.	Johnson,Euren	Putn2
205(Theory I)	Mus.204 or appr.	3	9:30Th,1:30F	Koenig	Putn2
221,222,223(Intermed.Piano)		2	By arrgt.	Croal,Koenig	Putn11,13
231,232,233(Intermed.Voice)		2	By arrgt.	Godwin,Ledet	Putn4
241,242,243(Intermed.Winds)		2	By arrgt.	Johnson,Euren	Putn2
305(History of Music)		2	1:30MW	Johnson	Putn2
308(Theory II)	Mus.307	4	10:30MW,2:30Th	Johnson	Putn2
313(Orchestration)	Mus.312	3	2:30MW,10:30F	Johnson	Putn2
321,322,323(Adv. Piano)		2	By arrgt.	Croal,Koenig	Putn11,13
325(Meth.of Instr.Music)	Mus.110	3	9:30MW,1:30Th	Euren	Putn21
331,332,333(Adv. Voice)		2	By arrgt.	Godwin,Ledet	Putn4
341,342,343(Adv. Winds)		2	By arrgt.	Johnson,Euren	Putn2
375(Spec.Meth.Vocal Music)		2	8:30Th	Godwin	Putn20
151,251,351,451(Choir)		1	4:30MTWTh	Godwin	Putn20
151,251,351,451(Chorus)		1	3:30Th	Godwin	Min319
151,251,351,451(Oratorio)		1	7:30-9:30(p.m.)	W Godwin	Putn20
161,261,361,461(Band/Orchestra)		1			
-Sec 1 (Band)			4:30MTWTh,12:30F	Euren	Putn21
-Sec 2 (Orchestra)			3:30MW+1hr.arrgt.	Ledet	Putn20
PHYSICAL EDUCATION-MEN					
112(Winter Activities)		1		Staff	Ped.Floor
-Sec 1			7:30MW		
-Sec 2			8:30MW		
-Sec 3			10:30MW		
-Sec 4			2:30MW		
-Sec 5			7:30Th		
-Sec 6			8:30Th		
-Sec 7			2:30Th		
118(Wrestling)		1	3:30MTWThF	Maughan	Ped.Pool
119(Bowling)		1		Weaver	
-Sec 1			9:30Th		Stu.Union
-Sec 2			10:30Th		Stu.Union
205(Apparatus Tech.)		1	10:30MW	Kaiser	Ped.Stage
209(Basketball)	Soph.Stg.	1	3:30MTWThF	Cowman	Ped.Floor
212(Badminton&Archery)		1	9:30MW	Kaiser	Ped.Floor,Pool
220(American Country Dance)		1	11:30MW	Gregoire	Ped.Floor
229(Intro. to Phy.Educ.)		3	1:30MW,9:30F	Mudra	Ped.204
301(Meth.&Tech.of Officiating)		1	1:30Thr.arrgt.	Kopenhaver	Ped.204
305(Adv. Swimming)	Ped.105	2	6:15(p.m.)	T Manley	Fargo HS
309(Kinesiology)	Ped.308	3	9:30MW,1:30Th	Cowman	Ped.112
314(Tchg.of Ind.&Dual Sports)	Dpt.appr	2	8:30F,12:30-2:20T	Raer	Ped.112,Floor
322(Meth.inCoach.Basketball)	Jr.Stg.	2	11:30MW	Cowman	Ped.204
324(Meth.inCoach.Wrestling)	Jr.Stg.	2	11:30Th	Maughan	Ped.204
330(Meth.&Mat.inHealth)	Ped.116	2	10:30MW	Belk	Ped.204
350(Elem.School Phy.Educ.)	Ped.229	3	9:30F,12:30-2:20MW	Gregoire	PE112,F1r
402(Org.&Admin.of PhyEd.)	Ped.229,379	3	10:30Th,2:30F	Mudra	Ped.204
407(Supervision)	Sr.Stg.	2	By arrgt.	Kaiser	Ped
409(Adapted Act. Program)	Ped.406	2	11:30MW	Erhardt	Ped.112
424(Tests&Meas.inPed.)	Ped.Sr.Stg.	3	9:30Th,1:30F	Kaiser	Ped.204
501(Admin.Prob.inPed.)	Grad.Stg.	3	By arrgt.	Mudra	

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
PHYSICAL EDUCATION-WOMEN					
103(Fund. of Body Mechanics)		1			
-Sec 1			8:30MW	Nass	Ped.Stage
-Sec 2			9:30MW	Nass	Ped.Stage
-Sec 3			10:30MW	Folstad	Ped.Pool
-Sec 4			11:30MW	Folstad	Ped.Pool
-Sec 5			12:30MW	Raer	Ped.Stage
-Sec 6			1:30MW	Raer	Ped.Stage
-Sec 7			8:30Th	Gregoire	Ped.Stage
-Sec 8			9:30Th	Nass	Ped.Stage
-Sec 9			10:30Th	Nass	Ped.Pool
-Sec 10			11:30Th	Gregoire	Ped.Stage
-Sec 11			12:30Th	Nass	Ped.Stage
-Sec 12			1:30Th	Folstad	Ped.Stage
-Sec 13			2:30Th	Gregoire	Ped.Stage
119(Trampoline&Apparatus)	Ped.120	1	10:30Th	Folstad	Ped.Stage
124(Basketball)		1	12:30Th	Folstad	Ped.Floor
202(Bowling)	Soph.Stg.	1			
-Sec 1			8:30MW	Folstad	Stu.Union
-Sec 2			9:30MW	Raer	Stu.Union
-Sec 3			10:30MW	Raer	Stu.Union

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Physical Education-Women Continued					
205(Badminton)	Soph.Stg.	1		Raer	Ped.Floor
-Sec 1			10:30Th		Ped.Floor
-Sec 2			11:30Th		Ped.Floor
211(Recreational Games)	Soph.Stg.	1	1:30MW	Folstad	Ped.Floor
220(American Country Dance)	Soph.Stg.	1	11:30MW	Gregoire	Ped.Floor
225(Beg. Modern Dance)	Soph.Stg.	1	2:30MW	Nass	Ped.Stage
229(Intro. to Phy.Educ.)		3	1:30MW,9:30F	Mudra	Ped.204
309(Kinesiology)	Ped.308	3	9:30MW,1:30Th	Cowman	Ped.112
312(Meth.&Tech.of Off.Basketball)	P124	1	9:30Th	Folstad	Ped.112,Floor
314(Tchg.of Ind.&Dual Sports)	Dpt.Appr.	2	8:30F,12:30-2:20T	Raer	Ped.112,Floor
317(Tchg.of Body Mechanics)	P103,JStg	1	12:30MW	Nass	Ped.112,Pool
330(Meth.&Mat.inHealth)	Ped.116	2	10:30MW	Belk	Ped.204
350(Elem.School Phy.Educ.)	Ped.229	3	9:30F,12:30-2:20MW	Gregoire	PE112,F1r
402(Org.&Admin.of PhyEd.)	Ped.379	3	10:30Th,2:30F	Mudra	Ped.204
409(Adapted Act. Program)	Ped.309	2	11:30MW	Erhardt	Ped.112
424(Tests&Meas.inPed.)	Sr.Stg.	3	9:30Th,1:30F	Kaiser	Ped.204

RELIGION					
252(Prophetic Literature)		3	8:30Th,12:30F	Roach	Rel.Ed.Aud.
259(Bible Background)		2	7:30-9:15(p.m.)	T Roach	Rel.Ed.Aud.
274(Catholic Doctrine II)		2	1:30MW	Matchie	Rel.Ed.Aud.
277(Protestant Ethics)		2	10:30Th	Elliott	Rel.Ed.Aud.
303(Comparative Religion)		3	2:30MW,10:30F	Roach	Rel.Ed.Aud.
311(Hist.of Med.&Ren.Philosophy)		3	10:30MW,2:30Th	Roach	Rel.Ed.Aud.
362(Medieval History)		3	9:30Th,1:30F	Vere	Rel.Ed.Aud.
401(Sociology of Religion)		3	8:30MW,12:30Th	Sherman	SE35
402(Phil. of Religion)		3	7:30-10:00(p.m.)	W Brkic	Min303

R.O.T.C.-ARMY					
-All MS Students(1hr.Lab Req.of eachMS Student)8:30,10:30,or11:30F					
102(Basic Military)	MS101/Ped.111	1			
-Sec 1			8:30M		
-Sec 2			10:30M		
-Sec 3			12:30T		
-Sec 4			2:30T		
-Sec 5			9:30W		
-Sec 6			11:30W		
-Sec 7			10:30T		
202(Basic Military)	MS201	2		Rumpel	Long.2
-Sec 1			9:30MW		
-Sec 2			11:30MW		
-Sec 3			11:30Th		
-Sec 4			3:30Th		
302(Advanced Military)	MS301	3		Daugherty	Long.2
-Sec 1			7:15ThF		
-Sec 2			3:30MW,11:30F		
402(Advanced Military)	MS401	3		Perry	Long.1
-Sec 1			7:15ThF		
-Sec 2			3:30MW,11:30F		

R.O.T.C.-AIR SCIENCE					
-All AS Students(1hr.Lab Req.of eachAS Student)7:30,9:30or12:30F					
102(Basic Air Science)	AS101/Ped.111	1			
-Sec 1			8:30M		
-Sec 2			10:30M		
-Sec 3			12:30T		
-Sec 4			2:30T		
-Sec 5			9:30W		
-Sec 6			11:30W		
202(Basic Air Science)	AS201	2		Hansen	FH1
-Sec 1			9:30MW		
-Sec 2			11:30MW		
-Sec 3			11:30Th		
-Sec 4			3:30Th		
302(Advanced Air Science)	AS301	3		Cover	FH203
-Sec 1			7:30ThF		
-Sec 2			3:30MW,11:30F		
402(Advanced Air Science)	AS401	3		Pixley	FH1
-Sec 1			7:30ThF		
-Sec 2			3:30MW,11:30F		

SOCIAL AND BEHAVIORAL SCIENCES					
COMMUNICATIONS					
201(Journalism)	Eng.103	3			

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
PSYCHOLOGY					
201(Introd. to Psych.)		5	7:30-9:20Th,7:30F	Whittaker	Min319
324(Exp. Psych.)	Math329+Psych.323	3	1:30-5:20T	Ray	Min406
491(Hist.&Systems)	P201+12crPsyorAppr	3	5:30-6:45(p.m.)TTh	Ray	Min406
499(Special Problems)	Dept.appr.	3			
-Sec 1 (Physio.Psych.)			3:30-4:45MW	Ray	Min406
-Sec 2 (Personality)			5-7:20(p.m.)W	Freiband	Min310
-Sec 3			By arrgt.	Whittaker	
SOCIOLOGY					
201(Intro.toSociology)	SophStg.orAppr	5	7:30-9:20Th,7:30F	Zimmerman	Min219
303(Contemp.Soc.Prob.)	Soph.Stg.	3	3:30MW,11:30F	Cook	Min219
305(Population Prob.)	Soph.Stg.	3	10:30Th,2:30F	Cook	SE32
307(Rural Sociology)	Soc.201	3	3:30-4:45TTh	Zimmerman	Min305
386(Family Relations)		3	See Home Ec.-CD&FR Groves		HE29
405(Cultural Anthropology)	Jr.Stg.	3	1:30MW,9:30F	Cook	SE32
422(Dev.of Soc.Thought)	Sr,Gr,appr.	3	3:30-4:45W+arrgt.	Zimmerman	Min420
486(Family Dynamics)		3	See Home Ec.-CD&FR Groves		HE20
498(Seminar)	Dept.appr.	3			
-Sec 1 (Family&Society)			See Home Ec.-CD&FR Groves		HE20
-Sec 2 (Soc.Theory&Research)			3:30-4:45W+arrgt.	Zimmerman	Min420
499(Special Problems)					
-Sec 1	Grad. or appr.	3	3:30-4:45W+arrgt.	Zimmerman	Min420
-Sec 2	Soc201,CDFR383orAppr.	1-3	See Home Ec.-CD&FR Groves		
SPEECH					
108(Speech Fundamentals)		3		Staff	
-Sec A			8:30F		LCT
-Sec B			11:30F		LCT
-Sec 1			7:30MW		Adm206
-Sec 2			8:30MW		Adm206
-Sec 3			9:30MW		Adm206
-Sec 4			10:30MW		Adm206
-Sec 5			11:30MW		Adm206
-Sec 6			12:30MW		Adm206
-Sec 7			1:30MW		Adm206
-Sec 8			7:30TTh		Adm206
-Sec 9			8:30TTh		Adm206
-Sec 10			9:30TTh		Adm206
-Sec 11			10:30TTh		Adm206
-Sec 12			11:30TTh		Adm206
-Sec 13			12:30TTh		Adm206
-Sec 14			1:30TTh		Adm206
-Sec 15			8:30TTh		Adm207
-Sec 16			9:30TTh		LCT
-Sec 17			10:30MW		Adm207
-Sec 18			11:30TTh		NE Rm.F.Hall
110(Introd. to Theatre)		3	8:30TTh,12:30F	Mrnak	LCT
119(Theatre Practice)		1	By arrgt.	Sigman	LCT
121(Phonetics)	Sp.120	3	9:30TTh,1:30F	Sigman	Clinic
208(Stage Scenery&Light.)		3	12:30F	McClure	Adm206
-Sec 1			2:30-4:20MW		LCT
-Sec 2			2:30-4:20TTh		LCT
209(Oral Interpretation)	Sp.108	3	9:30MW,1:30Th	West	Adm207
211(Group Dis.&Conf.Leadership)	Sp108	3	9:30TTh,1:30F	West	Adm207
212(Intermed.Pub.Spkg.)	Sp.108	3	10:30MW,2:30Th	Walker	NE Rm.F.Hall
223(Speech Pathology)	Dept.appr.	3	9:30MW,1:30Th	Sigman	Clinic
251(Debate Practice)		1	4:30-5:45W	Walker	NE Rm.F.Hall
309(Acting)	Sp.209	3	9:30MW,1:30-3:20Th	Mrnak	LCT
311(Contemp.Amer.Speakers)	Sp.212	3	11:30MW,3:30Th	Walker	NE Rm.F.Hall
320(Clinical Pract.inSpch.Corr.)	Appr.	1	By arrgt.	Sigman	Clinic
351(Debate Practice)		1	4:30-5:45W	Walker	NE Rm.F.Hall
378(Spec.Meth.Tchg.Spch.)		3			
-Sec 1 (Sp.Therapists Only)			1:30MW,9:30F	Sigman	Clinic
-Sec 2	Educ.318		1:30MTW	West	Adm207
407(Playwriting)	Dept.appr.	3	7-9:30(p.m.)W	Walsh	Adm201
498(Seminar in Speech)	Dept.appr.	3			
-Sec 1 (Stage Design)			10:30MW,2:30Th	Walsh	Adm201
-Sec 2 (Costuming)			By arrgt.	Sigman	LCT
-Sec 3 (Children's Theatre)			By arrgt.	Mrnak	LCT
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Walsh	Adm201
599(Thesis & Research)	Dept.appr.	3-9	By arrgt.	Walsh	Adm201

ZOOLOGY					
111(General)		4	2:30MW,10:30F	Hayes	Fest.Hall
-Sec 1			8:30-10:20MW	Hayes	Min104
-Sec 2			10:30-12:20MW	Gross	Min104
-Sec 3			12:30-2:20MW	Sokol	Min104
-Sec 4			12:30-2:20Th	Cassel	Min104
-Sec 5			2:30-4:20TTh	Comita	Min104
-Sec 6			7:30-9:20(p.m.)TTh	Hayes	Min102,104
263(Human Physiology)	Zool.111	4	1:30MW,9:30F	Pickworth	Min319
-Sec 1			8:30-10:20M	Staff	Min121
-Sec 2			10:30-12:20M	Staff	Min121
-Sec 3			1:30-3:20T	Staff	Min121
-Sec 4			3:30-5:20T	Staff	Min121
-Sec 5			8:30-10:20W	Staff	Min121
-Sec 6			10:30-12:20W	Staff	Min121
-Sec 7			1:30-3:20Th	Staff	Min121
-Sec 8			3:30-5:20Th	Staff	Min121
304(Comp.Vert.Anatomy)	Zool.113orAppr	4	10:30MW,2:30Th	Sokol	Min125
316(Invertebrate Zoology)	Dept.appr.	4	2:30-5:20T,3:30-6:20Th		Min125
322(Prin. of Ecology)	Zoo.111,Bot.111 orEnt.201	3	7:30-9:10(p.m.)W	Cassel	Min101
467(Gen.Physiology)	Zool.466 or appr.	4	9:20-10:10(p.m.)W+arrgt.		Min115
480(Hist. of Zoology)	24crs.of Biol.	3	By arrgt.	Cassel	Min115
498(Seminar:Early Man)Req.of upper Class Majors.No crd. for Jrs		1	4:30T	Cassel	Min104
499(Special Problems)					
-Sec 1 (Parasitology)	Zool.111	3	8:30MW+labarrgt.	AndrewsVanEs	301,303
-Sec 2	Dept.appr.	1-3	By arrgt.	Staff	
-Sec 3 (Wildlife Ecology)	appr.	1-3	By arrgt.	Gross	Min125
598(Grad.Seminar)Reg.ofZool.Gr.Stds		1	4:30T	Staff	Min104
599(Thesis & Research)		8-15	By arrgt.	Staff	Min117

COLLEGE OF CHEMISTRY AND PHYSICS

AGRICULTURAL AND BIOLOGICAL CHEMISTRY					
292(Elem. of Biochemistry)	Chem.241	3	11:30TTh,3:30F	Meintzer	Ladd107
293(Elem.of Biochem. Lab)	Chem.292or	1		Meintzer	
-Sec 1	Concurrent Reg.		1:30-4:20T		Ladd304
-Sec 2			8:30-11:20F		Ladd304
484(Biochem. Lab)	Chem.483 orAppr.	2	8:30-11:20ThF	Brummond	Ladd308
494(Biochemistry)	Chem.243or394	3	7:30MW	Klosterman	Ladd254
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
591(Proteins)	Chem.462&495	2	3:30MW	Salama	Ladd359
598(Grad.Seminar)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

ANALYTICAL CHEMISTRY					
108(Qual.Analysis)	Chem107Sec1orAppr	5	12:30Th	Broberg	Ladd204
205(Quant.Analysis)	Chem.108	4	9:30-12:20MW,1:30-4:20Th		Ladd309
-Sec A			12:30MW	Fleetwood	Ladd204
-Sec B			1:30-4:20MW	Staff	Ladd309
481(Glass App.Fab.)		1	8:30-11:20Th,1:30-4:20F	Staff	Ladd309
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Ladd303
598(Grad. Seminar)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
INORGANIC CHEMISTRY					
106(General)		5			
-Sec 1			7:30MTThF	Broberg	Ladd207
-Sec 2			8:30Th,12:30WF	Reski	Ladd207
-Sec 3			10:30MW,2:30TTh	Reski	Ladd207
-Sec 4			11:30MW,3:30TTh	Sands	Ladd207
-Sec A			7:30-9:20W	Staff	Ladd101
-Sec B			7:30-9:20Th	Staff	Ladd101
-Sec C			9:30-11:20M	Staff	Ladd101
-Sec D			9:30-11:20T	Staff	Ladd101
-Sec E			9:30-11:20Th	Staff	Ladd101
-Sec F			11:30-1:20T	Staff	Ladd101
-Sec G			11:30-1:20Th	Staff	Ladd101
-Sec H			1:30-3:20M	Staff	Ladd101
-Sec J			1:30-3:20W	Staff	Ladd101
-Sec K			1:30-3:20Th	Staff	Ladd101
-Sec L			3:30-5:20Th	Staff	Ladd101
107(General)	Chem.106	5			
-Sec 1			8:30MW,12:30TTh	Heggeness	Ladd207
-Sec 2			11:30Th,3:30MW	Minnear	Ladd207
-Sec 3			9:30TTh,1:30MW	Fitch	Ladd207
-Sec 4			9:30MW,1:30Th	Minnear	Ladd207
-Sec 5			10:30Th,2:30MW	Heggeness	Ladd207
-Sec A			7:30-9:20M	Staff	Ladd101
-Sec B			7:30-9:20T	Staff	Ladd101
-Sec C			7:30-9:20F	Staff	Ladd101
-Sec D			9:30-11:20W	Staff	Ladd101
-Sec E			9:30-11:20F	Staff	Ladd101
-Sec F			11:30-1:20M	Staff	Ladd101
-Sec G			11:30-1:20W	Staff	Ladd101
-Sec H			11:30-1:20F	Staff	Ladd101
-Sec J			1:30-3:20T	Staff	Ladd101
-Sec K			1:30-3:20F	Staff	Ladd101
-Sec L			3:30-5:20T	Staff	Ladd101
431(Adv.Inorg.Lab)	Dept.appr.	1-3	By arrgt.	Staff	
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
502(Adv.Inorg.Chem.)	Chem501 or appr.	3	4:30MWF	Morris	Ladd207
598(Grad. Seminar)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

ORGANIC CHEMISTRY					
241(Prin.of Org.Chem.)	Chem.107	5	10:30MW,2:30TTh	Rathmann	Ladd107
-Sec A			8:30-11:20Th	Staff	Ladd304
-Sec B			1:30-4:20F	Staff	Ladd304
242(Prin.of Org.Chem.)		5			
-Sec 1	Chem.241-Sec1		9:30TTh,1:30WF	Peterson	Ladd254
-Sec 2			1:30-4:20M		Ladd251
-Sec 3	Chem.241		10:30MW,2:30TTh	Slater	Ladd204
-Sec D	Chem.241		11:30Th,3:30MW	Slater	Ladd204
-Sec E			7:30-10:20M	Staff	Ladd304
-Sec F			8:30-11:20T	Staff	Ladd304
-Sec G			8:30-11:20W	Staff	Ladd304
-Sec H			1:30-4:20M	Staff	Ladd304
-Sec I			1:30-4:20W	Staff	Ladd304
451(Adv.Organic Lab)	Chem.242	2-5	By arrgt.	Staff	
457(Organic Qual.Anal.)	Chem.242	4	10:30T,	Rudesill	Ladd254
			7:30-10:20TTh,1:30-4:20F		Ladd251
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
541(Aliphatic&Alicyclic Cpd.)	Ch.444	3	12:30MW,8:30F	Peterson	Ladd254
598(Seminar-Graduate)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

PHYSICAL CHEMISTRY					
461(Physical Chem.)	Math303,Ch242, Physics233	3	11:30MW,3:30Th	Hill	Ladd254
463(PhysicalChem.Lab)	Chem.460	2	1:30-4:20MW	Hill	Ladd151
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
568(Thermodynamics I)	Chem.462	3	2:30MW,10:30F	Satterfield	Ladd254
598(Grad.Seminar)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

POLYMERS AND COATINGS					
475(Pigments&Coat.Pigmentation)	Ch474	5	8:30MW,12:30Th	Rheineck	Ladd254
			7:30-1:20F		Ladd50
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
582(Polymers II)	Chem.444,462	2	9:30MW	Fitch	Ladd254
598(Grad. Seminar)	Grad.Stg.	1	4:30T	Staff	Ladd204
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

Courses Listed By Colleges and By Departments Within

Department & Subject Prerequisite Cr. Hour & Days Instructor Room

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

203(Freshhand Drawing)	Arch.202	2	8:30-10:20MW	Twichell	Arch114
-Sec 1			7:30-9:20Th	Banerji	Arch114
-Sec 2			10:30-12:20Th	Benegal	Arch114
-Sec 3			1:30-3:20MW	Henning	Arch114
-Sec 4					
211(Arch.Design&Theory)	Arch.210	5	11:30T,8:30-11:20T	Banerji	Arch203
-Sec 1			1:30-4:20MF		Arch203
-Sec 2			11:30T,8:30-11:20T	Ormbreck	Arch203
			1:30-4:20MF		Arch203
			11:30MW,3:30Th	Ormbreck	Arch117
321(Hist. of Arch.)	Arch.320	4			
335(Working Drawings)	Arch.212	5	9:30T,8:30-11:20MW	Chezick	Arch207
-Sec 1			1:30-4:20F		Arch207
-Sec 2			11:30Th,8:30-11:20MW	Twichell	Ar207
			1:30-4:20F		Arch207
			2:30MW,10:30F	Chezick	Arch117
344(Bldg.Matls.&Const.)	Arch.343	3	2:30-4:20MW	Jenkinson	Arch114
402(Freshand Drawing)	Arch.401	2	8:30Th,9:30-12:20MW	Jenkinson	Ar207
411(Arch. Design)	Arch.410	6	1:30-4:20F		Arch207
413(Arch.Engr.Thesis)		6	7:30Th, 8:30-11:20T	Henning	Arch210
			2:30-5:20MWF		Arch210
451(City&Regional Planning)	Arch.450	3	12:30MW,8:30F	Foster	Arch117
511(Arch. Design)	Arch.510	8	1:30Th,8:30-11:20Th	Foster	Arch207
			1:30-4:20MWF		Arch207
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Henning	Arch210

CIVIL ENGINEERING

309(Fluid Mechanics)	ME327,335	5	8:30Th,12:30F	Arbhabhirama	CE103
-Sec 1			1:30-3:20M		CE103
-Sec 2			8:30Th,12:30F		CE103
-Sec 3			3:30-5:20M		CE103
-Sec 4			8:30MW,12:30Th		CE103
			1:30-3:20M		CE103
			8:30MW,12:30Th		CE103
			3:30-5:20M		CE103
316(Soil Mechanics I)	ME328	3	10:30Th,2:30-5:20F	Brahma	CE215
-Sec 1			10:30MW,2:30-5:20T		CE215
-Sec 2					
332(Structural Theory I)	ME328	4	10:30MW,2:30Th,2:30-5:20T	Schuster	CE103
-Sec 1			11:30MW,3:30Th,2:30-5:20F		CE216
-Sec 2					
405(Reinforced Concrete II)	CE404	4	8:30Th,12:30F,2:30-5:20T	Jorgenson	CE216
-Sec 1			9:30Th,1:30F,2:30-5:20T		CE216
-Sec 2			11:30MW,3:30Th	Oakey	CE215
409(Engr. Economics)	Sr.Stg.	3	1:30MW,9:30F,2:30-5:20M	Skodje	CE216
410(Sewerage&Sew. Disposal)	CE318, B270	4	11:30Th,3:30F,2:30-5:20M		CE217,216
-Sec 1			1:30MW,9:30F	Schuster	CE217
-Sec 2			8:30-11:20T		CE217
430(Struct.for Arch.III)	ME328	4	9:30Th,1:30F,2:30-5:20M	d'Errico	CE215
-Sec 1			1:30MW,9:30F,2:30-5:20M		CE215
-Sec 2			7:30MW	Wetterstrom	CE215
552(Theory of Elasticity)	Dept.appr.	3	7:30MW		
Graduate Subjects as Required.					

ELECTRICAL ENGINEERING

220(Circ.Anal.I)	CEonlyMath252,Phy232	4	9:30MW,1:30Th	Staff	CE215
221(Circuits Lab I)	Cr.orReg.in EE220	1		Staff	
-Sec 1			2:30-5:20M		EE208
-Sec 2			2:30-5:20M		EE208
313(Circuit Anal.III)	Math303,EE304	5	8:30Th,12:30MW	Staff	EE209
-Sec 1			8:30MW,12:30Th		EE209
-Sec 2					
321(Electronics I)	EE304	4	9:30Th,1:30MW	Staff	EE209
-Sec 1			9:30MW,1:30Th		EE209
-Sec 2					
322(Electronics Lab I)	Cr.orReg.in EE321	1		Staff	
-Sec 1			8:30-11:20M		EE206
-Sec 2			1:30-4:20T		EE206
-Sec 3			7:30-10:20Th		EE206
-Sec 4			9:30-12:20F		EE206
357(Electromag.Energy Conv.I)	EE304	4	11:30Th,3:30MW	Staff	EE209
-Sec 1			10:30MW,2:30Th		EE209
-Sec 2					
358(Machinery Lab I)	Cr.orReg.in EE357	1		Staff	
-Sec 1			8:30-11:20M		EE120
-Sec 2			1:30-4:20T		EE120
-Sec 3			7:30-10:20Th		EE120
-Sec 4			9:30-12:20F		EE120
375(Circuits&Illumination)	Phys.203	2	11:30Th	Staff	CE103
380(Electro-Mech.Devices)	EE220	4	9:30MW,1:30Th	Staff	EE213
-Sec 1			9:30Th,1:30MW		EE213
-Sec 2					
381(Engr. Lab I)		1		Staff	
-Sec 1 (ME)			8:30-11:20T		EE120
-Sec 2 (ME)			2:30-5:20M		EE120
-Sec 3 (ME)			8:30-11:20M		EE120
-Sec 4 (ME)			2:30-5:20Th		EE120
-Sec 5 (IE)			2:30-5:20M		EE120
-Sec 6			8:30-11:20S		EE120
403(Electromag.Fields II)	EE402	5	10:30ThF,2:30MWF	Staff	EE219
-Sec 1			9:30MW,1:30Th		EE213,219
-Sec 2			12:30MW,8:30F	Staff	EE213
429(Comm.Engr.II)	EE427	3	8:30-11:20T	Staff	EE205
430(Comm. Lab II)	Cr.orReg.in EE429	1		Staff	
-Sec 1			12:30-3:20Th		EE205
-Sec 2			2:30-5:20M		EE205
-Sec 3			2:30-5:20F		EE205
-Sec 4					
436(Systems&Design I)	EE314	3	3:30MW,11:30F	Staff	EE219
-Sec 1			8:30MW,12:30Th		EE219
-Sec 2			11:30MW,3:30Th	Staff	EE219
463(Elect.Power Systems Engr.II)	E461	4	4:30MW,9:30F	Staff	EE219
490(Elect.Eng.Materials)	Phys.320	3	7:30MW	Staff	EE219
-Sec 1			7:30MW		EE219
-Sec 2			7:30MW	Staff	EE213
501(Electromag.Fields IV)	EE404	3	1:30MW	Staff	EE214
507(Circuit Analysis V)	EE314orEquiv.	3	4:30ThF	Staff	EE219
513(Elect.Power Systems Engr.IV)	EE513	3	11:30MW,3:30F	Staff	EE213
532(Electronics V)	EE531	3	11:30T,10:30Th,4:30M	Staff	EE213
540(Computer Circuits I)	EE407	3	12:30MW,8:30F	Staff	EE219
551(Servomechanisms II)	EE550	3		Staff	
599(Thesis & Research)	Dept.appr.	8-15	By arrgt.	Staff	

INDUSTRIAL ENGINEERING

280(Introd. to I.E.)	Soph.Stg.	3	10:30Th,2:30F	Ebeling	CE214
-Sec 1			1:30MW,9:30F	Serrin	CE214
-Sec 2			9:30MW,1:30Th	Serrin	CE214
347(Safety Engr.)	Jr.Stg.,Dept.appr.	3	9:30Th,2:30-5:20M	Nilson	CE214,224
350(Work Meas.)	IE280,Math109orEquiv.	3	10:30MW,2:30Th	Serrin	CE225
385(Wage&Salary Adm.)	IE280,Jr.Stg.	3	8:30Th,12:30F	Ebeling	CE214
455(Systems&Procedures Des.I)	IE355	3	8:30MW,1:30-4:20T	Ebeling	CE214,225
467(Plant Layout)	Cr.orPrev.Reg.in IE455	3	10:30MW,2:30Th	Nilson	CE214
480(Engr. Economy)	SrStg,Math252orEquiv	3	7:30ThF	Serrin	CE231
499(Special Problems)	Sr.Stg.	1-3	7:30MW	Raley	CE238
552(Advanced I.E.)	IE366,470	3	By arrgt.	Staff	CE238
560(Adv.Quality Control)	IE462	3	By arrgt.	Staff	CE238
599(Thesis & Research)	Grad.Stg.	8-15	By arrgt.	Staff	CE238

MECHANICAL ENGINEERING

107(Engr.Graphics I)		2	8:30-10:20MW,12:30-2:20Th	Staff	Do1202
-Sec 1 (EE)			10:30-12:20MW,2:30-4:20Th		Do1202
-Sec 2 (EE)			10:30-12:20MW,2:30-4:20Th		Do1215
-Sec 3 (EE)			12:30-2:20MW,8:30-10:20F		Do1212
-Sec 4 (EE)			12:30-2:20MW,8:30-10:20F		Do1.10
-Sec 5 (EE)					

Department & Subject Prerequisite Cr. Hour & Days Instructor Room

Mechanical Engineering-Continued

108(Descriptive Geom.)	ME107	3	8:30-10:20MW,12:30-2:20Th	Staff	Do1212
-Sec 1 (ME)			8:30-10:20MW,12:30-2:20Th		Do1215
-Sec 2 (ME)			10:30-12:20MW,2:30-4:20Th		Do1212
-Sec 3 (ME)			8:30-10:20Th,12:30-2:20F		Do1215
-Sec 4 (ME)					
110(Engr. Graphics II)	ME107	2	12:30-2:20MW,8:30-10:20F	Staff	Do1215
-Sec 1			8:30-10:20Th,12:30-2:20F		Do1212
-Sec 2			12:30-2:20MW,8:30-10:20F		Do1202
-Sec 3			3:30M,	Staff	Do1.117
203(Prod.Processes I)	ME107	2	1:30-5:20Th	Staff	Do1.137
204(Prod.Processes II)	ME203	2		Staff	
-Sec A			12:30T		Do1.117
-Sec B			11:30F		Do1.117
-Sec 1 (ME)			1:30-5:20T		Do1.137
-Sec 2 (ME)			1:30-5:20M		Do1.137
-Sec 3 (ME)			7:30-11:20Th		Do1.137
-Sec 4 (ME)			7:30-11:20F		Do1.137
216(Metal Fab. I)		1	11:30F	Staff	Do1.6
-Sec 1			12:30-2:20M		Do1.133
-Sec 2			12:30-2:20F		Do1.133
217(Metal Fab. II)	ME216	1		Staff	
-Sec A			2:30T		Do1.6
-Sec B			7:30F		Do1.6
-Sec C			4:30Th		Do1.6
-Sec 1 (ME)			3:30-5:20M		Do1.133
-Sec 2 (ME)			7:30-9:20T		Do1.133
-Sec 3 (ME)			9:30-11:20T		Do1.133
-Sec 4 (ME)			8:30-10:20F		Do1.133
-Sec 5 (AgEng.)			12:30-2:20Th		Do1.133
-Sec 6 (AgEng.)			3:30-5:20T		Do1.133
-Sec 7 (ME Jr.)			3:30-5:20F		Do1.133
230(Statics)	Phys.231	5		Staff	
-Sec 1 (EE)			8:30MW,12:30Th		Do1204
-Sec 2 (EE)			10:30Th,2:30MWF		Do1.117
-Sec 3 (Arch.Eng.)			10:30MW,2:30Th		Do1.117
-Sec 4 (CE)			10:30Th,2:30MWF		Do1.118
-Sec 5 (CE)			10:30MW,2:30Th		Do1.118
301(Mech.Equip.of Bldgs.)		3	1:30MW,9:30F	Staff	Do1.117
325(Fuels&Lubricants)	ME224	2		Staff	
-Sec 1 (ME)			2:30-5:20MW		Do1.126
-Sec 2 (ME)			8:30-11:20Th		Do1.126
-Sec 3 (ME)			8:30-11:20M		Do1.126
-Sec 4 (ME)			2:30-5:20Th		Do1.126
327(Dynamics)	ME230	4	12:30MW,8:30F	Staff	Do1.6
328(Mech. of Matls.)	ME230	5		Staff	
-Sec 1 (ME)			7:30MWF		Do1.118
-Sec 2 (ME)			11:30Th,3:30MWF		Do1.118
-Sec 3 (AgEng.)			8:30Th,12:30MWF		Do1.118
-Sec 4 (IE)			11:30MW,3:30Th		Do1.118
335(Basic Thermodynamics)	Phys.233	5	8:30Th,12:30MWF	Staff	Do1204
336(Energy Conversion I)	ME335	4		Staff	
-Sec 1 (ME)			8:30MW,12:30Th		Do1.118
-Sec 2 (ME)			8:30Th,12:30MW		Do1.117
429(Internal Combustion Eng.)	ME431	4	8:30Th,12:30F	Staff	Do1201
430(Stress Analysis)	ME328	3		Staff	
-Sec 1 (ME)			11:30MW,3:30-5:20Th		Do1.127,117
-Sec 2 (ME)			11:30Th,3:30-5:20F		Do1.127,117

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Food & Nutrition-Continued					
456 (Inst.Org.&Mgmt.)	F&N355	5	1:30Th+1hr.arrgt.	Sheldon	HE202,221
			9:30-11:20MW		HE221
498 (Seminar-Nutrition)	F&N350	1	11:30M	North	HE228
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	
552 (Human Digestion)Grad.Stg.orappr.		3	3:30MW,9:30-12:20F	Nymon	HE220
555 (Geriatric Nutr.)Grad.Stg.orAppr.		1	4:30W	Nymon	HE220
598 (Grad.Seminar-Nutr.)G.Stg.orAppr.		1	By arrgt.	Nymon	HE220
599 (Thesis & Research)Gd.Stg.orAppr.		8-15	By arrgt.	Nymon,Sheldon	

HOME ECONOMICS EDUCATION

370 (Homemaking Educ.inH.S.)	H272Ed318	4	1:30MW,9:30-11:20F	Benson	HE110
472 (Adult Homemaking Educ.)	HEcEd370	3	8:30MW,12:30Th	Ruud	HE110
475 (Student Teaching)	HEcEd472	9	By arrgt.	Staff	
476 (Tchg.Attit.&Values)(1st)HEcEd370		3	8:30Th,9:30MTWTh	Ruud	HE110
498 (Senior Seminar)(2ndHalf)HEcEd475		3	8:30Th,9:30MTWTh	Benson	HE110
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	HE110
599 (Thesis & Research)	Dept.appr.		By arrgt.	Staff	

HOME MANAGEMENT & FAMILY ECONOMICS

260 (Household Equipment)		3	9:30MW,12:30-2:20Th	Nayes	HE20
261 (Consumer Problems)		3	11:30Th,3:30F	Smith	HE228
361 (Family Financial Planning)		2	8:30Th	Walker	HE29
461 (Home Management)		3	2:30MW,10:30F	Walker	HE29
462 (Lab in Home Mgmt.)	Dept.appr.	4	10:30MTWTh	Walker	A.BalesH.
463 (Readings in Home Mgmt.)	HMF461	1	By arrgt.	Walker	A.BalesH.
484 (Home Nursing)		1	2:30Th,1:30-3:20T	Jagim	HE20
499 (Special Problems)		1-3	By arrgt.	Smith	

TEXTILES AND CLOTHING

124 (Fund.Cloth.Problems)	Pre-Test	5	3:30MW,8:30-10:20Th	Buehl	HE127
			12:30-2:20F		HE127
127 (Textiles)		3	9:30MW	Didier	HE29
-Sec 1			3:30-5:20M		HE33
-Sec 2			1:30-3:20T		HE33
-Sec 3			1:30-3:20W		HE33
-Sec 4			10:30-12:20F		HE33
128 (Fund.Cloth.Problems)	Pre-Test	3		Rising	
-Sec 1			1:30Th,8:30-10:20MW		HE127
-Sec 2			2:30F,10:30-12:20Th		HE127
226 (Intermed.Cloth.Prob.)T&C124or128		3		Rising	
-Sec 1	Art111		10:30W,10:30-12:20M		HE127
			2:30-4:20Th		HE127
-Sec 2			1:30W,1:30-3:20M		HE127
			10:30-12:20F		HE127
323 (Flat Pattern Tech.)	T&C226	4	2:30T,10:30-12:20MW	Reynolds	HE128
			2:30-4:20Th		HE128
326 (Hist.of Costume)		3	9:30Th,1:30F	Reynolds	HE33
328 (Textile Economics)	T&C127	2	10:30Th	Didier	HE33
426 (Tailoring)	T&C129or226	3	2:30-5:20M,9:30-12:20F	Reynolds	HE128
499 (Special Problems)	Sr.Stg.,Appr	1-3	1:30T+hrrs.arrgt.	Reynolds	HE128

COLLEGE OF PHARMACY

PHARMACEUTICAL CHEMISTRY

346 (Bio-Pharmacy)	Ch.394	3	10:30Th	Nobles	Sud120
-Sec A			9:30-12:20M	Schreibman	Sud5
-Sec B			2:30-5:20T		Sud5
-Sec C			2:30-5:20Th		Sud5
-Sec D			1:30-4:20F		Sud5
356 (Org.Pharm.Chem.)	PhCh.355	4	12:30MTW,8:30F	Shelver	Sud120
461 (Isotope Tracer Tech.)	Ph.Ch.460	4	By arrgt.	Staiff	Sud37
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Sud37
528 (Nitrogen Contg.Org.Med.)Dpt.appr		2	By arrgt.	Staff	Sud37
536 (Org. Medicinals)	Dept.appr.	3	By arrgt.	Shelver	Sud37
563 (Bionucleonics)	Ph.Ch.562	3	By arrgt.	Vacik	Sud37
598 (Grad. Seminar)	Dept.appr.	1	By arrgt.	Staff	Sud37
599 (Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud37

PHARMACOGNOSY

361 (General Phcog.)	Phcog.360	5	3:30MW,9:30Th	Schermeister	Sud224
-Sec A			9:30-12:20W	Bhatti	Sud221
-Sec B			2:30-5:20Th		Sud221
-Sec C			1:30-4:20F		Sud221
404 (HydroponicCult.Med.Plts.)Pcog360		3	By arrgt.	Schermeister	Sud224
418 (Crystallog.ofMed.Prod.)DeptAppr.		3	By arrgt.	Schermeister	Sud224
430 (Histological Tech.)	Dept.appr.	3	By arrgt.	Bhatti	Sud224
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Sud224
599 (Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud224

PHARMACOLOGY

311 (Introd.Pharmacology)	Phcol.310	4	8:30Th,12:30F	Reopelle	Sud120
-Sec A			9:30-12:20M		Sud205
-Sec B			2:30-5:20M		Sud205
-Sec C			9:30-12:20T		Sud205
-Sec D			2:30-5:20T		Sud205
411 (Pharmacology)	Phcol.410	5	11:30MTWTh	Lawrence	Sud208
-Sec A			7:30-10:20Th	Strommen	Sud205
-Sec B			2:30-5:20Th		Sud205
-Sec C			7:30-10:20F		Sud205
450 (TheoreticalPhcol.)Phcol412,appr.		3	By arrgt.	Lawrence	Sud208
511 (Anal.Toxicology I)Phcol510,appr.		3	By arrgt.	Prouty	Sud208
598 (Grad. Seminar)	Grad.Stg.	1	By arrgt.	Staff	Sud208
599 (Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud208

PHARMACY

116 (Introd.Pharmacy)	Ph.115	2		Strommen	
-Sec 1			11:30MW		Sud120
-Sec 2			11:30Th		Sud120
209 (Emergency Treatment)		1	8:30-10:20W	Miller	Sud120
222 (Cosmetic Prin.&Tech.)	Ph.221	4	10:30MW,2:30Th	Norquist	Sud224
			9:30-12:20F		Sud111
318 (Pharm. Problems)		3	8:30Th,12:30F	Vincent	Sud224
371 (Pharm. Preps.)	Ph.370	4	7:30MW	Ozbun,Vincent	Sud120
-Sec A			9:30-12:20MW		Sud111
-Sec B			2:30-5:20MW		Sud111
-Sec C			9:30-12:20Th		Sud111
-Sec D			2:30-5:20Th		Sud111
407 (Prescriptions)	Ph.406	4	7:30MW	Sleight	Sud208
-Sec A			8:30-11:20MW		Sud107
-Sec B			2:30-5:20Th		Sud107
428 (Manuf. Specialities)	Phcol.410	2	1:30T+1-2hr.labarrgt.	Sleight	Sud120
465 (Adjusted Solutions)	Dept.appr.	3	By arrgt.	Sleight	Sud120
472 (Manuf. Pharmacy)	Ph.371	3	8:30MW	Henderson	Sud37
-Sec A			9:30-12:20W		Sud25
-Sec B			9:30-12:20Th		Sud25
-Sec C			2:30-5:20Th		Sud25
473 (Manuf. Pharmacy)	Ph.472,appr.	3	By arrgt.	Henderson	Sud37
498 (Seminar)		1			
-Sec 1			By arrgt.	Norquist	Sud224
-Sec 2			By arrgt.	Miller	Sud120
499 (Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Sud120
501 (Prod. Formulations)	Dept.appr.	3	By arrgt.	Henderson	Sud120
541 (Hosp.Pharm.Residency)	Dept.appr.	5	By arrgt.	Staff	Sud120
551 (Pharm.Chromatography)	Dept.appr.	3	By arrgt.	Vincent	Sud120
598 (Grad. Seminar)	Dept.appr.	1	By arrgt.	Henderson	Sud120
599 (Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud120

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
PHARMACY ADMINISTRATION					
240 (Pharm.Accounting)	Econ.250	3	7:30Th	Haakenson	Sud208
-Sec A			9:30-11:20T		Sud208
-Sec B			9:30-11:20Th		Sud208
335 (Prof.&Public Relations)	Soph.Stg.	2	7:30MW	Haakenson	Sud224
450 (Pharm.Management)	Ph.Ad.240	4	12:30MWThF	Haakenson	Sud208