

The SPECTRUM

North Dakota State University

Fargo, North Dakota

November 16, 1967

Vol. XLVII, No. 9

President Albrecht resigns to accept Ford position

Dr. Herbert R. Albrecht, who has been president of NDSU since 1962, today submitted his resignation to the State Board of Higher Education meeting in Bottineau. In a letter sent to Commissioner Kenneth Raschke, Albrecht announced that he plans to take a Ford Foundation post sometime in February.

Dr. Albrecht's new position would involve directing the development of a new International Institute for Tropical Agriculture designed to conduct research related to "serving human needs in the tropics — throughout the world." Initially, he will be located in New York City, but later expects to go to Ibadan, Nigeria, where the institute is most likely to be headquartered. The institute is being created under joint sponsorship of the Ford and Rockefeller Foundations.

In his letter to the state board, Albrecht said he was "deeply grateful to the State Board of Higher Education, the Legislature, the Executive and the people of North Dakota for . . . the opportunity to serve the students and faculty of North Dakota State University."

Albrecht said he felt that NDSU has been highly successful

in fulfilling its role as North Dakota's Land-Grant University, and that he expects it to continue its useful work toward building a stronger, more secure economy, society and culture for North Dakota. "It is significant — it is necessary for North Dakota," he added, "that this university particularly be permitted to reach its complete potential."

A year ago, the president spent a month in Nigeria as leader of a five-man team of prominent agricultural educators who studied the feasibility of a tropical areas research institute. The group's report formed the basis for the institute's subsequent establishment. President Albrecht was accompanied on the African trip by Mrs. Albrecht.

During his six-year tenure as NDSU's 10th president, Dr. Albrecht has seen the institution's enrollment increase by more than 2,000 — from 3,810 to 5,863 — the number of full-time faculty increase by 94 persons and the assessed valuation of the physical plant grow by more than \$13 million.

Among the most significant additions to the campus under Albrecht's presidency have been a five-building engineering and

architecture complex; the Dunbar Laboratories addition to the College of Chemistry and Physics; Johnson, Weible and South Weible residence halls; a food service center; a half-million dollar addition to the Memorial Union Building, and two new, nine-story high-rise residence halls, opened for occupancy this fall.

Currently under construction on the NDSU campus are Askanase Hall, which is being built with a combination of private, state and federal funds and will house the Little Country Theatre and a new biological sciences building. Construction is also under way on a new plant research facility and is expected to begin this summer on a \$2.5 million physical education building.

Physical growth at NDSU has been accompanied by other changes designed to maintain the quality of its traditionally strong areas — the professional schools of agriculture, chemistry, engineering, home economics and pharmacy — while upgrading those in the liberal arts needed to complement a professional education.

NDSU also experienced growth during Albrecht's tenure in the scope of its research and exten-

sion programs. Recently, in an effort to bring the full resources of the university to bear on state problems, its long-standing Cooperative Extension Service in agriculture and home economics were merged with extension activities in its other colleges under a single dean.

Particularly satisfying to Albrecht, an avid sports fan, has been the development of the Bison football team from its 0-10 doormat status in 1962 to winning a NCCA College Division Championship in 1965, and its continuing success since then.

Also during Albrecht's administration, a new faculty constitution was drawn and NDSU was taken off censured status by the American Association of University Professors.

Dr. Albrecht's wife, Helen, will accompany him to New York. Their daughter, Virginia, a senior in home economics at NDSU, plans to be married Dec. 23, and

will remain at the university to complete her degree. A married daughter, Terry, lives at Lansdale, Pa.



President Albrecht

Third annual MUN plans to emphasize co-operation between three area colleges

The Third Annual Model United Nations Conference will be held at NDSU Feb. 8-10, 1968, in cooperation with Concordia College and Moorhead State College.

The Board of Directors, which

Freshman play opens tonight

A cast of 20 freshmen will culminate six weeks of rehearsal tonight as the annual freshman play, second production of the LCT, opens at 8:15 p.m. The play, a parody on the Hollywood motion picture industry, will run through Saturday.

Originally set in Hollywood in the 1930's, the play has been updated to the present. This involved not only a revision in set and costume design, but changes in frequent references to Hollywood motion picture idols of the thirties, according to Larry Sprunk, director.

Assisting Sprunk, who is a grad assistant in drama, is Linda Nilles.

As the play opens, two enterprising writers for a movie studio, J. Carlyle Benson, played by S. Scot Hartvickson, and Robert Law, played by Ken Lingle, are looking for a new type of movie to replace the "formula play" of boy-meets-girl, boy-loses-girl, boy-gets-girl.

In a flash of genius, they contract the unborn baby of a local drive-in waitress, Cristine Hogan, hoping to make the baby an enormous success as a child star. And their scheme is successful far beyond their expectations, for in his debut the baby steals the show from western movie hero, Larry Toms, played by Gary Birkmaier.

Other cast members are as follows: Frank Gosselin, James Gall, Bonita Bickler, Gail Wallschlager, and Frank Baumgartner. Vernon Borgen has a dual role, playing both Green and Major Thompson.

Also appearing in the play will be James Leintz, Betsy Olsen, Barbara Hart, Keith Snortland, Larry Fisher, Erna Gage, Mary Marquart and Gordon Peterson.

is headed by Dr. Herbert R. Albrecht, is composed of representatives from the three colleges and Fargo-Moorhead community. The Board's main function is to serve as the chief advisory board for the MUN Conference, and to select the secretary-general and faculty advisors for the conference.

This year's MUN Conference will be focused toward a more tri-college emphasis with students from Moorhead State and Concordia directly represented on the executive board. The board has appointed an advisor from each of the colleges in hopes of increasing interest on all three campuses.

The four faculty advisors for the conference are: Rev. Robert A. Coles, NDSU, Carmen Lodise, NDSU, Dr. Edward Estes, MSC, and Dr. Martin Lutter, Concordia.

Since their initial meeting last month, temporary chairman have been selected and over 500 letters have been sent by the delegation committee to ten states and all the high schools within the immediate area.

At last year's MUN Conference all but two of the 132 countries represented in the United Nations were represented by area students. This year applications for the countries have been coming in at a faster rate than last year, and the delegations committee expects that some organizations will have to represent the divided countries of Korea, Germany, and Viet Nam, if they wish to participate in the Model UN.

"Anyone desiring an active part in the Model UN conference will not be denied an opportunity to participate," according to Joyce Johnson, temporary delegations chairman.

Ambassadors from several countries have been contacted to be the keynote speakers, but no replies have been returned.

Because of the expected increase in participation, campus organizations wishing to send delegations to the conference are urged to contact the delegation committee as soon as possible.

Bison accept bid to Pecan Bowl; opposing team remains unnamed

Bison officials were notified last week of their choice as one of the teams to appear in the Pecan Bowl in Abeline, Texas on Dec. 16. The announcement was released officially by Mr. Gene Duffy, National Collegiate Athletic Association Director of Special Events from Kansas City.

"The team voted unanimously to accept the bid for the Pecan Bowl game," stated Coach Ehrhardt. The acceptance was made official by the NDSU Senate Athletic Committee in a Tuesday afternoon meeting.

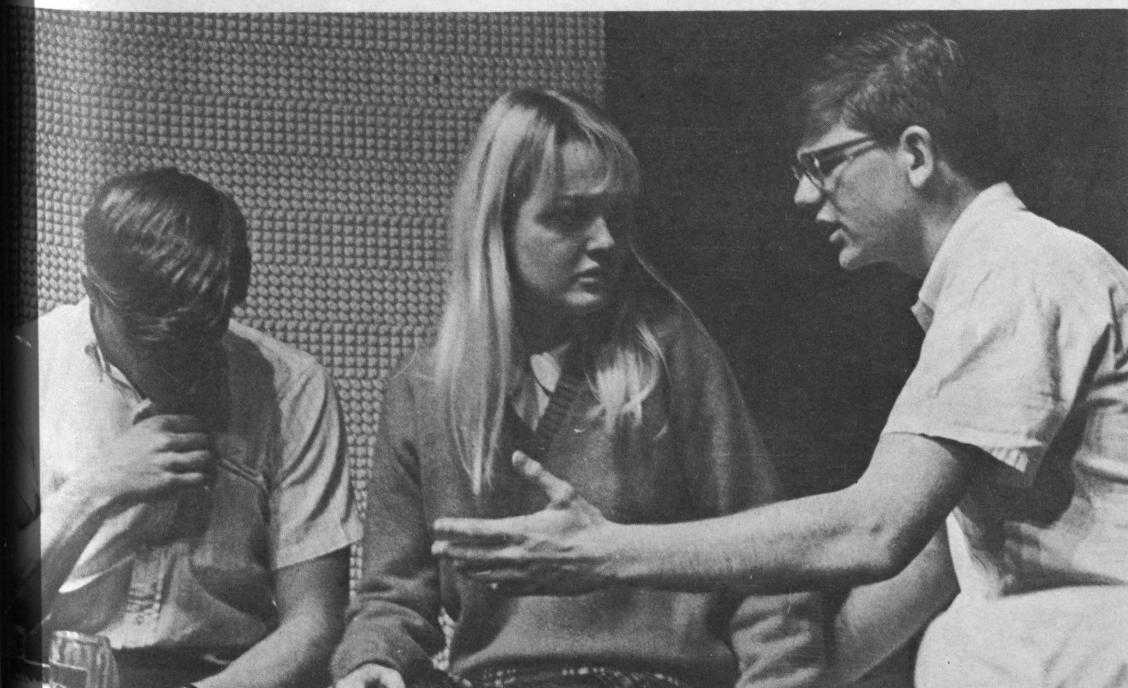
The offer and acceptance of the bid set two records for North Central Conference teams. It marks the first time that an NCC team has made two appearances in the Pecan Bowl. UNI and UND

are the two other teams in the conference who have played in the bowl game. The acceptance also gave the Bison a lead in the number of bowl games attended. Besides the two Pecan Bowl games the Bison have also appeared in the Mineral Water Bowl at Excelsior Spring, Mo. UNI and UND have each attended two bowl games.

The Herd will also have a reputation to maintain at Abeline on Dec. 16. In three appearances by NCC teams in the Pecan Bowl, the conference teams have yet to suffer a setback. In seven appearances in bowl games by NCC representatives, only once has a NCC team suffered a setback. UNI dropped a contest to Hillsdale, Michigan, 17 to 6 in Excelsior Springs in 1960.

The Bison hold the distinction of being the first college team to be extended a bowl bid this year. As of yet, an opponent has not been chosen to meet the Bison. It is thought by NDSU officials that it will probably be the winner of the contest between Lamar Tech. and the University of Texas at Arlington. It has been expressed by several athletic officials that the University of Texas plays one of the roughest small college football schedules in the nation.

The team will be practicing on a Monday, Wednesday, Friday schedule at the State Fairgrounds in West Fargo. This site was picked as it offered a buffer against the weather and has a dirt floor with adequate room for practice.



Cast members rehearse for tonight's opening performance of "Boy Meets Girl." The play is the annual freshman production and runs Nov. 16-18. Student admission is free on activity cards.

Week-end calendar

THURSDAY NOVEMBER 16 —

8:00 p.m. Faculty Women Club International Fair — Ballroom
8:15 p.m. Little Country Theater Play, **Boy Meets Girl** - LCT

FRIDAY, NOVEMBER 17 —

11:30 a.m. APHA Lecture - Ballroom, Memorial Union
8:00 p.m. Coffee House - Dacotah Inn, Memorial Union
8:15 p.m. Little Country Theater Play, **Boy Meets Girl** - LCT

SATURDAY, NOVEMBER 18 —

8:15 p.m. Little Country Theater Play, **Boy Meets Girl** - LCT

SUNDAY, NOVEMBER 19 —

2:30 p.m. SAB Pop Movie, **Shenandoah**
6:30 p.m. Student Senate — North High Rise
7:30 p.m. Cinema 67-68, **Juliet of the Spirits**



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Social Spectra

by Bob Olson

1907 REVISITED

Times sure have changed — we found this out last Saturday in the basement of the Library.

The Spectra staff spent the afternoon paging through old Spectra issues and discovered some interesting insights into social life as it used to be at "old A. C."

"An editorial in the Nov. 19, 1907 Spectra spoke of the propriety to be followed by a "gentleman" at a campus dance:

- 1.) Don't be in a hurry to be introduced to a lady. Make sure that she desires an introduction before forcing yourself upon her.
- 2.) Don't insist on a favor if it is not willingly extended. Be polite.
- 3.) Don't dance with a lady without carrying a clean handkerchief in the right hand. This decency is seldom remembered at our dances. In spite of care dust will accumulate on the hands, and soiled wearing apparel is odious to a lady. Remember that a lady is entitled to pleasure as well as a gentleman."

It's hard to even figure out what the editor is trying to say in part three, but it is obvious that she is a "lady" from the Victorian ideas of "pleasure" yet.

Pulling out another back issue we find ourselves on campus during the height of the "Roaring 20's." The Greeks had blossomed in a short number of years into a rather imposing block. Their influence could be seen on every page of the 1927 Spectra. We looked for a '27 counterpart of the '07 editorial on dances, but could not find one.

One reason for this is probably that there was more fun and fewer rules in '27.

MORE CLASSIFICATION

Many coeds who read last week's column have requested that the Spectra staff compile a classification of the various types of male students on this campus. Here we go:

STEVE STUD — This guy knows more phone numbers than the gal at 113 does. He firmly believes that he is doing every neat thing he meets a terrible injustice if he doesn't hustle her. When he walks into the Bison Grill at class break, he greets no less than twenty girls as he makes his way across the room.

RONNIE ROADRUNNER — Here's a guy that hits the road for home the minute his last Friday class ends and who can't be seen until late Sunday night lugging his suitcase full of cookies and clean clothes from home. He's now ready for another week of waiting for Friday to come.

FREDDIE FRAT — This guy lives at "the house," eats at "the house," and occasionally finds time to study there also. It's difficult to speak to him singularly, since he doesn't do anything unless at least one other fraternity brother is with him. In the Union, at games on dates, and everywhere else he goes, he is never without some type of Greek identification — his pin, jacket, or a sweatshirt.

SHENANDOAH AND JULIET OF THE SPIRITS COME TO UNION SUNDAY

A great way to spend Sunday afternoon would be to take in one or both of the excellent movies. **Shenandoah**, a story of a Virginia family's involvement in the Civil War, stars James Stewart and will be shown at 2:30 p.m.

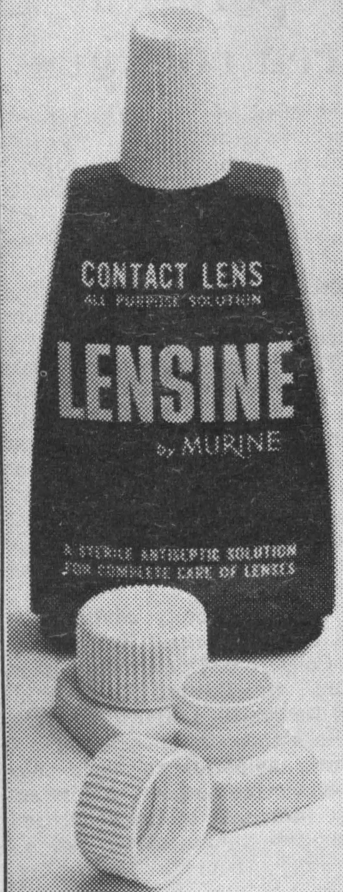
At 7:30 p.m. **Juliet of the Spirits** will be shown. This picture, what is known as a good "skin flick" — with a little more skin than **Blow-Up**.

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Dean comments on pass-fail

More freshmen might survive

If a proposed pass - fail system is introduced at NDSU, future freshmen will have a 40% better chance of making it through their sophomore year, according to D. Dean Scott, associate dean of students and dean of men.

Through this program, instead of receiving a letter grade, the student would be given a simple pass or fail mark.

Scott said that a number of secondary tangible features are evident with this system. A student could give more time to courses outside his major area without fear of receiving a low grade. This would result in a broader education for the student and higher student moral.

With higher student moral there would be fewer dropouts, and potentially good students would not be lost as easily. Also, more personal contact between the student and professor would be encouraged.

The instructor, knowing his student better, would evaluate him in writing as part of his grade for future references.

Scott mentioned that an attitude change would be the "real meat" of such a system. The emphasis would be on education for the sake of learning and not for the sake of "winning" or "beating the other guy."

Some cons brought out by Scott were that some students could take advantage of the system by not studying as much as they should. The system would demand maturity, and the change from the method used previously could be a shock to the student.

Finally, for a temporary period the system would number the top students; that is, some students

would tend to become lazy. Scott feels however, that if the person was an "A" student, he would not fall down because of the pass - fail system.

"This system has been tried elsewhere and has been found to be quite effective," commented Scott. "The long range intent of

such a program would be to change the essential nature of our society from being based on individual competition."

Members of the scholastic committee for NDSU are studying the program, and it could go into effect as early as the fall of 1968.

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On Campus with Max Shulman

(By the author of "Rally Round the Flag, Boys!", "Dobie Gillis," etc.)

FOOTBALL FOR SHUT-INS

At next Saturday's football game while you are sitting in your choice student's seat behind the end zone, won't you pause and give a thought to football's greatest and, alas, most neglected name? I refer, of course, to Champert Sigafos.

Champert Sigafos (1714-1928) started life humbly on a farm near Thud, Kansas. His mother and father, both named Walter, were bean-gleaners, and Champert became a bean-gleaner too. But he tired of the work and went to Montana where he got a job with a logging firm. Here the erstwhile bean-gleaner worked as a stump-thumper. After a month he went to North Dakota where he tended the furnace in a granary (wheat-heater). Then he drifted to Texas where he tidied up oil fields (pipe-wiper). Then to Arizona where he strung dried fruit (fig-rigger). Then to Kentucky where he fed horses at a breeding farm (oat-toter). Then to Long Island where he dressed poultry (duck-plucker). Then to Alaska where he drove a delivery van for a bakery (bread-sledder). Then to Minnesota where he cut up frozen lakes (ice-slicer). Then to Nevada where he determined the odds in a gambling house (dice-pricer). Then to Milwaukee where he pasted camera lenses together (Zeiss-splicer).

Finally he went to Omaha where he got a job in a tannery, beating pig hides until they were soft and supple (hog-flogger). Here occurred the event that changed not only Champert's life, but all of ours.

Next door to Champert's hog-floggery was a mooring mast for dirigibles. In flew a dirigible one day, piloted by a girl named Graffa von Zeppelin. Champert watched Graffa descend from the dirigible, and his heart turned over, and he knew love. Though Graffa's beauty was not quite perfect—one of her legs was shorter than the other (blimp-gimper)—she was nonetheless ravishing, what with her tawny hair and her eyes of Lake Louise blue and her marvelously articulated haunches. Champert, smitten, ran quickly back to the hog-floggery to plan the wooing.

To begin with, naturally, he would give Graffa a present. This presented problems, for hog-flogging, as we all know, is a signally underpaid profession. Still, thought Champert, if he had no money, there were two things he did have: ingenuity and pigskin.

So he selected several high grade pelts and stitched them together and blew air into them and made for Graffa a perfectly darling little replica of a dirigible. "She will love this," said he confidently to himself and proceeded to make ready to call on Graffa.

First, of course, he shaved with Personna Super Stainless Steel Blades. And wouldn't you? If you were looking to impress a girl, if you wanted jowls as smooth as ivory, dewlaps like damask, a chin strokable, cheeks fondlesome, upper lip kissable, would you not use the blade that whisks away whiskers quickly and slickly, tuglessly and nicklessly, scratchlessly and matchlessly? Would you not, in short, choose Personna, available both in Injector style and double-edge style? Of course you would.



So Champert, his face a study in epidermal elegance, rushed next door with his little pigskin dirigible. But Graffa, alas, had run off, alas, with a bush pilot who specialized in dropping limes to scurvy-ridden Eskimo villages (fruit-chuter).

Champert, enraged, started kicking his little pigskin blimp all over the place. And who should walk by just then but Jim Thorpe, Knute Rockne, Walter Camp, and Pete Rozelle!

They walked silently, heads down, four discouraged men. For weeks they had been trying to invent football, but they couldn't seem to find the right kind of ball. They tried everything—hockey pucks, badminton birds, bowling balls, quoits—but nothing worked. Now seeing Champert kicking his pigskin spheroid, their faces lit up and as one man they hollered "Eureka!" The rest is history.

* * *

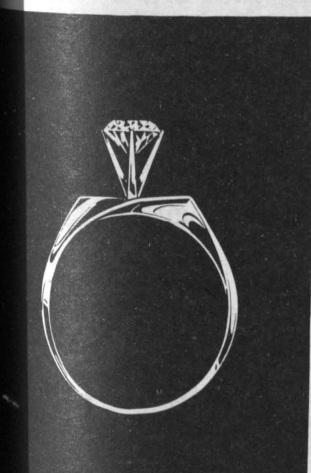
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Letters

Counselor defends recent searches

To The Editors:

For those from Burgum Hall who wrote the letter to the editors last week and who went before Student Senate to present your gripes, let me compliment you on carrying your gripes farther than the room next door. While I was disappointed that Senate acted to pass a one-sided resolution, at least we can't make the typical accusation of apathy. I'm sure that Senate had the best intentions, but there are certain facts that need exposure.

1) Senate resolved to support Burgum residents on the matter of curfew violations which arose during the transition from Daylight Savings Time to Central Standard Time. What Senate did not know (and apparently neither did the few girls who were late that night) is that no action was taken against them. They signed in with a red pencil, a notation was made on their card explaining the misunderstanding, and the matter was dropped. Incidentally, I would stress the fact that NDSU has no set policy on "late minutes" such as is common at so many universities. (For example, SDSU has "date jerks" for so many late minutes.) Offenses to be taken before the Dean are left to the discretion of head residents. Every instance of lateness is different, and the judgment is made according to the seriousness of the individual's offense. This makes more sense to me than the policy of "so many late minutes and action will be taken" that threatens students.

2) Senate also resolved to support the residents and to reprimand the authorities concerning the Oct. 23 room check in Burgum Hall. It was agreed that the searches were held in a manner insulting the maturity of the students and in direct violation of proper search procedures as outlined in the Student Handbook. Let me quote the regulations posted in every room: "The University reserves the right to inspect student rooms." The housing contract was signed by everyone occupying a resident hall room and it reads: "The right to inspect student rooms at the time convenient to its staff, and any other steps that may seem necessary for the proper conduct of its housing program, is reserved by the University." Finally, the Student Life Handbook states on page 47: "Although it has legal access to student residences, the University will not conduct random searches. A room will be searched only when there is specific evidence to suggest a rule violation on the part of the occupant."

In this particular roomcheck, the first they've had in the two years that I've been a counselor, everyone was under suspicion of stealing the wet sweatshirt from the laundry room on third floor. Students have always been trusted, and roomchecks are avoided whenever possible. But counselors and the head residents have been asked by many victims of the stealing to have a search for all the lost articles. (Let me add that purses, dresses, money, jewelry, laundry, and a bookcase, to name a few, have been stolen since September of this year.) It would have been easier all around if we hadn't held the roomchecks, but we acted on the chance that some good would come of finding the stolen articles, and hopefully, the party responsible.

3) The article written to the editor accuses the coordinator of having no interest in the opinions aired by the second floor girls because she did not even come to the meeting. How could she attend if she knew nothing about it?

I understand that the Student Senate's Resident Life Committee has conducted an investigation of the matter of roomchecks and late minutes. While they acted hastily by passing the resolutions, I compliment them on the follow-up and I look forward to seeing the results of their action in the near future.

Ann Ludvigson

The Spectrum

(a total university publication)

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Buchanan retorts to Hauf's accusations

To The Editors:

It has not been my policy to react publicly to the reactions to my column. However, I feel I would be doing my fans an injustice by not reacting to Commissioner Hauf's letter of ignorance and personal prejudice. (Spectrum Nov. 9, pg. 4).

At the recent College Union convention which I attended, it was unanimously decided by 41 colleges that members of the student government should not be paid a salary. There is no possible way of distinguishing how much more the president of the student body is worth in monetary figures, comparing him to a student senator. Therefore only reimbursements of personal expense should be made as compensation.

The Spectrum, Bison Annual, and KDSU pay all from the editor on down to the typist a salary. Supposedly they have talent, but nevertheless, the editors receive \$30 because he works 40 hours a week and the typist gets only \$1 because he only works one hour a week.

According to the College Union workshop, "a justification for salaries can be made when there is some sign of talent involved and when everyone receives a fairly equal share of monetary rewards."

Student government officials are elected — and they do not necessarily have to have any talent. How is it fair to say the SBP receives \$15.00 a week for putting in 20 hours when a student senator receives nothing for ten

hours of work, or a proponent for a SAB movie receives nothing for fifteen hours of work!

Perhaps the biggest injustice of student salaries is persons granting the salary raises. Student senators set the pay salary for the executive officers. Sometimes becoming these same officers.

At least with student publications, there is a board of impartial observers who are not in the running for the paying positions that decide the salaries of the publication workers.

D. R. Buchanan

P.S. I feel that Mr. Hauf's salary is justified. The only student government salaries which were justified by the 41 colleges at ACUI were the Treasurer's and the Secretary's.

Senator admonishes Spectrum, Senate

To The Editors:

Once again, I feel that the Spectrum is guilty of omission. In the last issue (Nov. 9), the Spectrum ran my picture with the caption "Mel Nelson takes the floor to defend himself . . ." after it was moved to censor me. This immediately raises the question of what I was censored for. Unfortunately, there is nothing in the paper to clarify the issue.

I believe that Student Senate should be a crucible for academic thought — an open forum where ideas can be expressed in the confidence that what is said will be ac-

cepted and weighed on its relative merit. One should be able to expect that the listeners will make every attempt to try to understand what concepts the speaker is trying to communicate, and realize the context in which these remarks are made. I also feel that Student Senate should be concerned with the future implications of its actions and legislation, and be able to see farther than the end of its nose in these matters.

With this in mind, I made some remarks at the last Senate meeting pertaining to the bill dealing with the Burgum Hall searches, mentioning

some of the things covered the National Student Association Regional Conference a workshop entitled "Legal and Social Rights of Students." I also mentioned passing that one of the recent student body president of Berkeley was one of the NSA officers at the workshop. For this, a bill was introduced to censor me for "talking too much." Was such action justified?

Another point in understanding the issue is to note that the motion was "dropped . . ." when discussion indicated that further consideration would only result in expending more time." It seems that perhaps I was taking time to say things which ought not be said.

Until the time when someone can convince me that I am wrong for voicing my personal convictions on the various issues which are exposed in Student Senate, I will continue to do so.

Mel Nelson
 Student Senator

Home ec students criticize spread

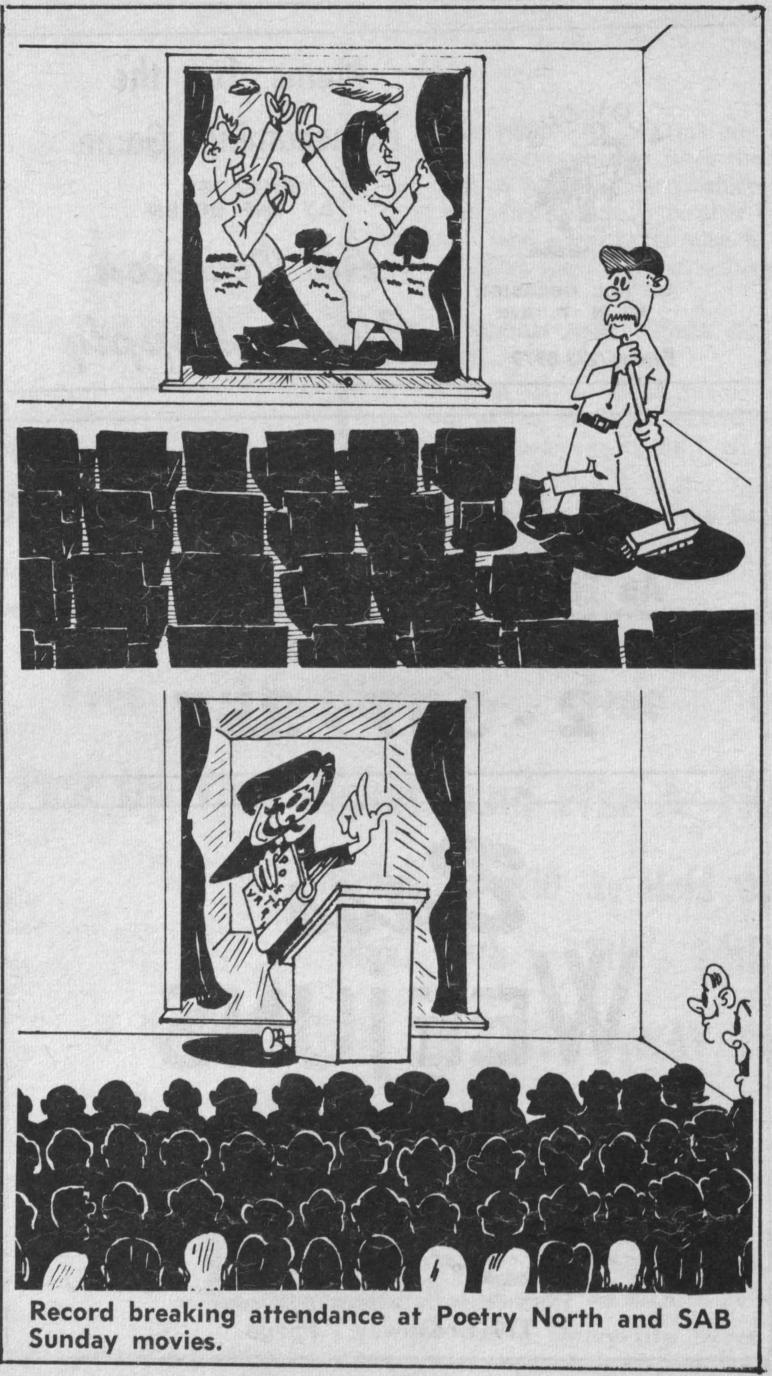
To The Editors:

We would like to comment on the article "Progress Dates from 1908 in Home Economics," which appeared in Nov. 2 Spectrum. The article itself was very well written and should have erased some people's doubts about home economics preparing a girl for marriage only.

Since the college includes many areas that many students never see, a more telling picture could have been given by representing more departments in the photographs accompanying the article.

Showing three phases of the introductory food preparation class and a picture of home furnishings lectured with a misleading caption does not give anyone a very good idea of what the College of Home Economics is really like.

Violet Heer
 Phyllis Hoefs
 Valeria Lindquist



EXPOSURE '67

by Doc Buchanan

and the Home Economics building. Whereas the rankest gossip is generally centered around Sudro after a P-Col 411 test.

For a few good chuckles, turn on your radio and listen to the requests on a local teeny-bopper station. The other night I heard the boys from North High Rise dedicate a song to the girls in Weible Hall, and the South High Rise. The song was "I Can See for Miles and Miles and Miles."

The girls from Burgum Hall could probably see for miles and miles and miles that night, too. It seems that Ceres had a fire drill and several of us were forced into the cold in little more than a blush. I've never seen lights go out so fast all over Burgum. (You can see a whole lot better and remain undetected).

Q — Can students eat in the Dacotah Inn?

A — Since they always serve me, I would assume that they will serve anybody. The waitresses

are really terrific, and the food is out of this world, but surprisingly, the prices aren't.

It is the atmosphere that makes the place; why it is so relaxing in Dacotah Inn that they even have a special waitress just to wake people up in time for their next class.

Q — Who decides when vacations are? And how do they come to their decisions?

A — "The College Calendar is established by the University Faculty Senate. Up until a few years ago, there was no vacation at Easter, just a winter quarter break. Faculty Senate was asked to reconsider this system by a number of students who presented petitions to Faculty Senate. Consequently this year there is an Easter vacation, but no quarter break. For the next two calendar years there will be a compromise with Good Friday off for Easter vacation, and a minimum 4½ days off for quarter break.



The Board of Higher Education is currently studying a Common Calendar program whereby all North Dakota colleges would have the same breaks for vacations."

Burton Brandrud, Director of Admissions and Records.

Q — Are there any restrictions on girls entering the games area?

A — Yes, there is a sign posted at the door reading, "Enter at Your Own Risk!" Why girls would want to invade the last exclusive male club on campus besides the men's room is beyond me.

However, if the girls are willing to fight for a pool table, they may be able to get one, but the competition is stiff, and one must have track shoes on and billfold drawn.

There will be no Spectrum next week. Nov. 30 is the next issue.

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ZAP

Sanders: poetry or glorified smut?

by Bob Keogh

One question confronted most persons who attended the Poetry North feature last Tuesday night: "Ed Sanders, did you read poetry? Or was that just glorified smut?"

Undoubtedly many different interpretations and opinions have been voiced following the somewhat uninhibited performance of this much publicized poet. Perhaps the greatest classification has been towards the moral angle and the intellectual side.

Morally, was Sanders' use of profanity and obscenity too brutal so as to completely cover up any good points in his poetry? Intellectually, did the underlying meaning of his poetry come through despite the usually un-tolerated wording, which could have been just for emphasis?

To really get to the core of student opinion, inquiries were directed to numerous students of varying ages and philosophies. If one sentence could sum up adequately the total response to Sanders, it would probably be one coed's statement, "He was like one long dirty joke." Many students were, to use a common euphemism, "grossed out."

One male sophomore noted, "I was disappointed. He had good poems, but I had expected more in the line of a great underworld personality explaining his continual use of obscenity to clarify his ideas."

Surprisingly, few students really commented on the literary aspect of Sanders' poems, and some felt that this was actually a short-coming of University education, rather than a valuable experience, and that "Sanders' views were actually opposite of what we should believe."

Ray Kril, Coordinator of Student Activities, noted that "to me this was just another Poetry North program, and Ed Sanders was only the particular poet who appeared. We felt that a person of his prominence and experiences would arouse curiosity among students about a world other than our own, and in this manner contribute to the intellectual broadening of the students."

"However," Kril continued, "it

seems that most of those who attended were more interested in hearing someone expound with obscenities rather than to hear his poetry, much of which is really quite interesting."

In response to a question concerning the educational value of the Sanders program, Richard Lyons, English instructor and past participant in Poetry North, replied "I feel this type of program is a true education for students. Exposure to varying types of culture is necessary to us as individuals to be able to understand what is 'happening' in other parts of this country. Although all may not agree with this particular philosophy, one must be confronted with it in order to rationally decide if it is good or bad."

"I would compare Sanders to John Keats, for Keat's early efforts were strongly criticized because of his use of language improper for the staid elite society of the times. Conversely, I would contrast Sanders to the late George Lincoln Rockwell, who appeared on campus last year. Certainly Rockwell's values and morals were more vulgar in taste than Sanders', and his philosophy would lead to a greater deterioration of minds than would Sanders'."

Although Lyons could not find any area cultruly simulating Sanders' in a big way, he noted that "this throwing off the inhibitions is followed in Greenwich Village, Berkely, and among the San Francisco hippies. Sanders merely channels his energy through poetry, though the literary significance of his poems does not always signify the true meaning behind works of this type."

To sum up student opinion of the Poetry North program is one thing; to sum up real value to those who attended is another. Questions can always be asked, polls can be taken, and so forth. But how can one ask if Sanders' poetry changed anyone, or if it feel differently about life now?

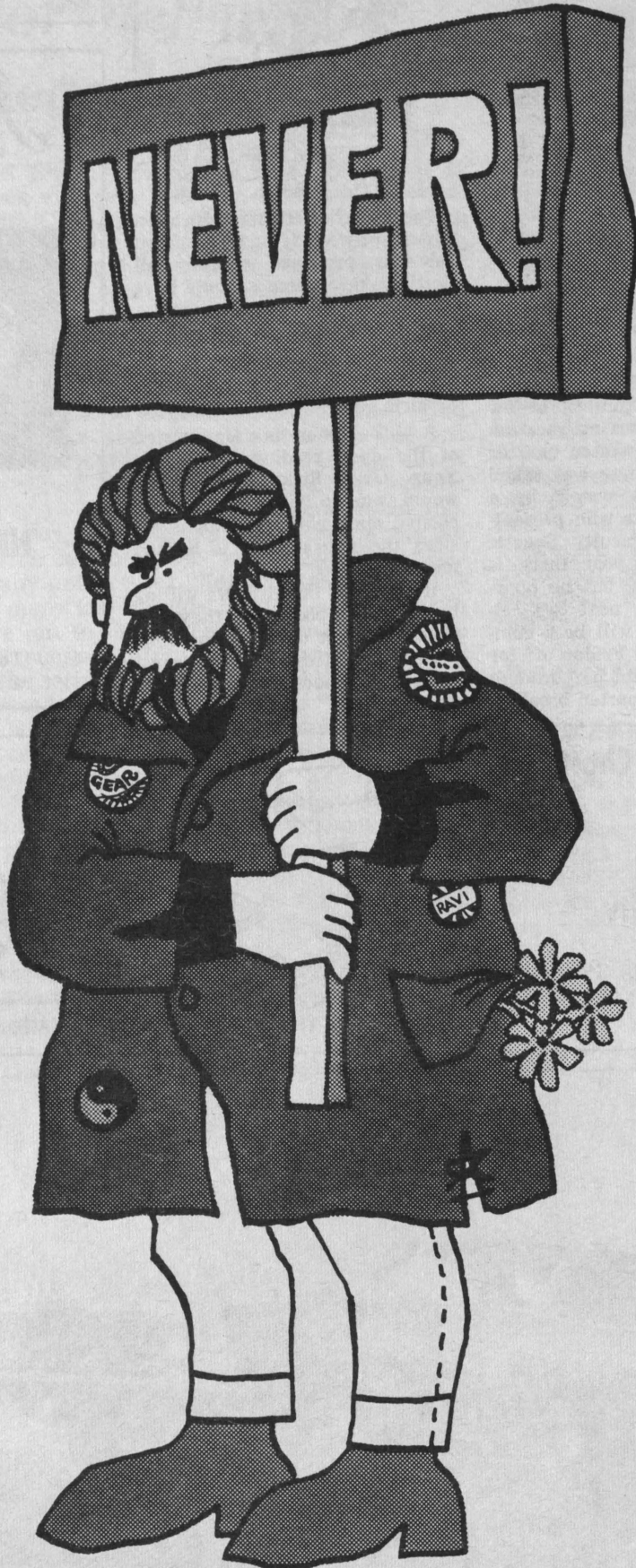
Apparently, one person has attempted to do some real soul searching on this subject. According to a letter "To the Editor" received at the *Spectrum* office, Paul Koehler notes that he was "shocked and had heard a 'weirdo' or rebel emphasize foul language and foul deeds."

He adds that "presenting these foul ideals through a poet does not have a discouraging effect but rather gives them a false air of respectability."

Furthermore, he questions Student Activities Boards' "purpose of sponsoring Sanders. Koehler writes, "If their purpose was to shock us, they succeeded. If it was to emphasize foul language and foul deeds, they succeeded. If it was to have a "weirdo" or rebel we could talk about, they again succeeded. However, if it was to benefit the student body, they failed."

Others have expressed the opinion that "although the wording was somewhat profane and the poetry something short of spectacular, a different program of this nature is refreshing as it is out of the ordinary."

The next Poetry North program will be December 12.



I won't go into business when I graduate because:

- a. I'd lose my individuality.
- b. It's graduate school for me.
- c. My mother wants me to be a doctor.

Can't argue with c), but before you check a) or b)—pencils up! There have been some changes. Drastic changes in the business scene. But changes in the *vox populi* attitude regarding business... especially on campus... just haven't kept pace.

Take the belabored point that business turns you into a jellyfish. The men who run most of the nation's successful firms didn't arrive by nepotism, by trusting an Ouija board, or by agreeing with their bosses. Along the way, a well-modulated "No" was said. And backed up with the savvy and guts today's business demands.

In short, individuality is highly prized in much of the business world—the successful much. Even when the business is big. Like Western Electric, the manufacturing and supply unit of the Bell System.

We provide communications equipment for

our Bell System teammates, the Bell telephone companies. This takes a lot of thought, decisions, strong stands for our convictions, (and sometimes some mistakes... we're human, every 160,000 of us).

Individuality pays off. Not only in raises, but in personal reward as well. Like an engineer who knew deep down that there was a better way to make a certain wire connector—and did. Or a WE gal who streamlined time-consuming office procedures, and saved us some \$63,000 a year.

Rewards and accolades. For saying "No." For thinking creatively and individually. For doing.

Not every hour is Fun Hour, but if you've got imagination and individuality—you've got it made. With a business like Western Electric. We'll even help you answer b) with our Tuition Refund program. Come on in and go for President!



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Honorary sets up tutoring service

Phi Eta Sigma, freshman honorary scholastic fraternity, is establishing a tutoring service for freshmen men, comprised of sophomore and junior members.

The service will be on a one-to-one basis, offering help in the basic freshman courses, chemistry, math, history, English and biology.

A student wishing to avail himself of this help may fill out a request slip with the secretary at the Union Director's office. Requests will be collected and distributed to tutors in the field, who will then call the student and arrange meetings.

This is a free service and may be obtained by any freshman male student.

Phi Eta Sigma is composed of freshmen men who attained a 3.5 average fall quarter of their freshman year, or a cumulative of 3.5 during winter or spring.

The local chapter was formed in 1964, and feels that it has a function on campus other than scholastic recognition. "Thus we have undertaken a service project for the students of NDSU, in which we seek your support and assistance," state co-chairmen of the tutoring service, Dan Rausch and James Koering.



Greenwich Village poet Ed Sanders reads his original poetry during the Nov. 7 Poetry North. He read works from several of his books and publications. The picture below shows the standing room only crowd which heard the poet. The audience set an attendance record for Poetry North programs.

TEXAS INSTRUMENTS

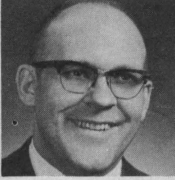
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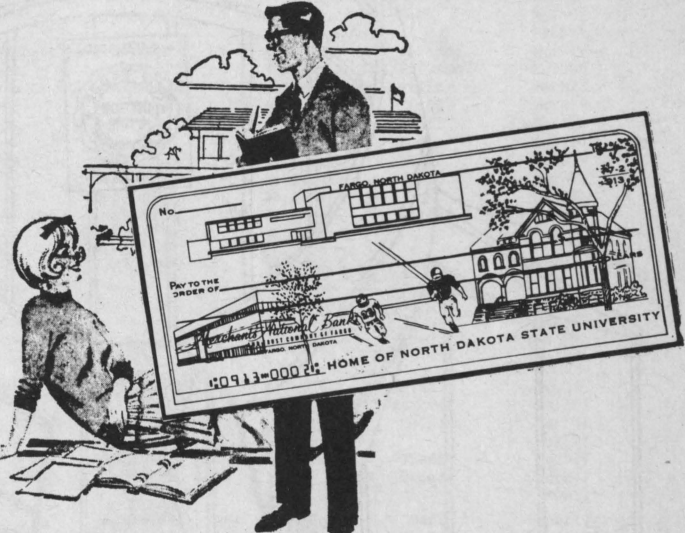


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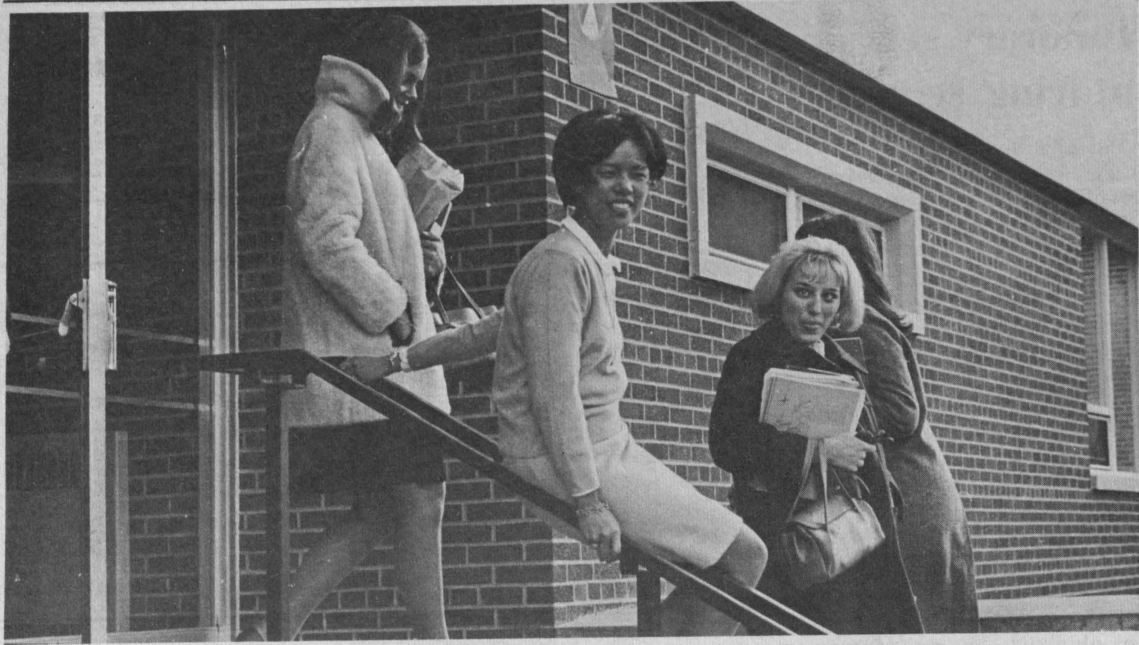
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Co-ed tries out new railing on steps of Memorial Union while envious passer-by looks on.

University obtains status as registered user of DDC

NDSU has become a registered user of the Defense Documentation Center (DDC). This new status has become effective within the past week. The university applied for the position in September.

DDC provides major sources of scientific and technical information in its Data Retrieval System. Laurel D. Loftsgard, university vice-president, stated that it

would be an advantage to the university in that it would assist anyone doing research work by preventing an unintentional reproduction of efforts.

This results from DDC's storage of copies of every document regarding the latest research in particular field.

Anyone doing research under contract with a federal agency is eligible to use this service in discovering what has already been done in a field. NDSU qualifies under the heading of "grantee" — referring to its status as a large grant institution — and it is connected with the National Science Foundation, Department of Health Education and Welfare and various other federal agencies.

Lt. Col. Raymond Farmer presented a briefing session on the services of DDC for faculty members. He outlined methods utilizing the services offered.

NOTICE

In The Winter Quarter Pre-Registration Schedule enclosed pages 2 and 5 of the schedule are transposed.



LAY BY NOW FOR CHRISTMAS

A small deposit will hold your gift item 'til Christmas. There are many gifts to choose from such as — diamond rings, pendants, and wedding rings — Bulova, Wyler, Elgin, and Caravelle watches — stone and pearl rings — Fraternity and Sorority jewelry — Samsonite luggage — and many other items throughout the store. Make your selection early, and avoid the rush.

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THE PLACE

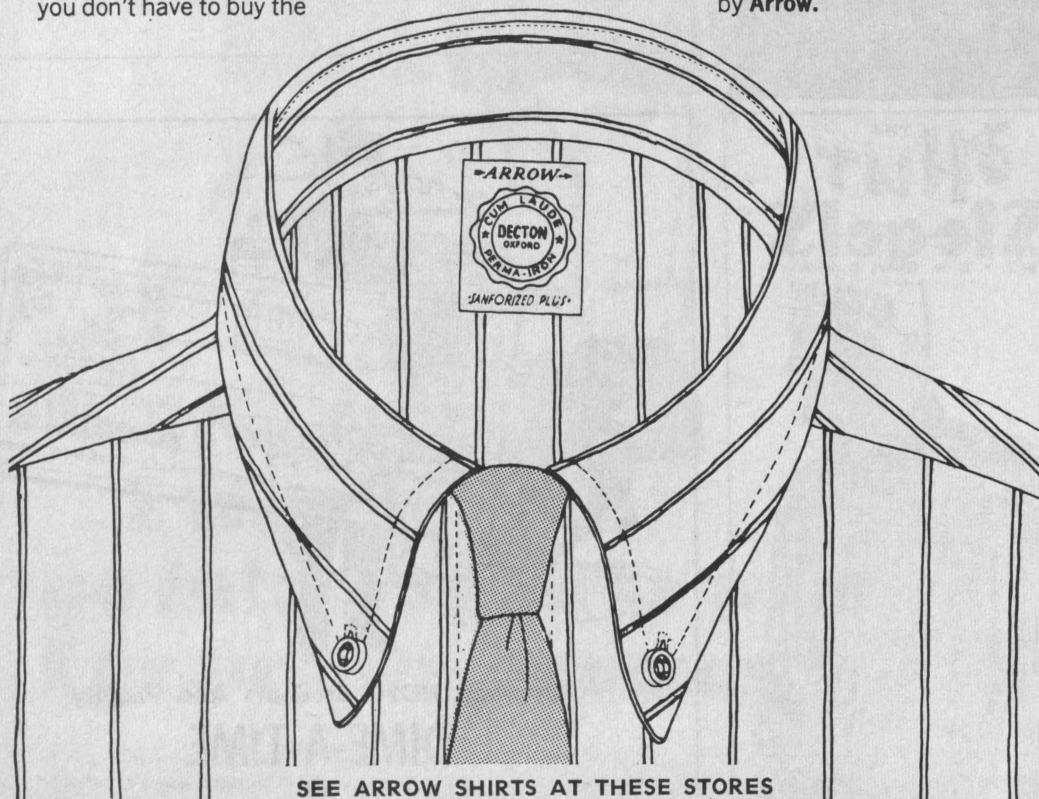
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You buy both, if you're smart. Because a good label means a good shirt. A shirt that's styled to last. With rolls, pleats and tapers in the right places. And a wide enough selection of colors so you don't have to buy the

same shade twice. This Arrow "Cum Laude" Oxford has all the things a good label means. Button-down roll collar with a soft flare. Tapered waist. Perma-Iron so it won't

wrinkle. "Sanforized-Plus." And it comes in blue, pinks, stripes, etc., etc., for \$7.00. So, if you want a good shirt, look for a good label. And if you want the best label, buy a shirt made by Arrow.



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FOR
YOUNG
MEN

WINTER QUARTER 1967-68

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 AND LOCATIONS

1. Pre-programming with Advisers - November 17 - November 22 in Adviser's Offices.

2. Obtain your own I.B.M. Master Card at the Town Hall of the Memorial Union, according to the following schedule:

Seniors & Graduate Students	Monday	Nov. 27-8:30a.m.-10:00a.m.	(A-L)	Monday	Nov. 27-10:00a.m.-12 Noon	(M-Z)
Juniors	Monday	Nov. 27-1:30p.m.-3:00p.m.	(A-L)	Monday	Nov. 27- 3:00p.m.- 4:30p.m.	(M-Z)
Sophomores	Tuesday	Nov. 28-8:30a.m.-12 Noon	(A-L)	Tuesday	Nov. 28- 1:30p.m.- 4:30p.m.	(M-Z)
Freshmen	Wednesday	Nov. 29-8:30a.m.-12 Noon	(A-L)	Wednesday	Nov. 29- 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., Monday, November 27.

For all courses in English, Mathematics, Social and Behavioral Sciences, class cards will be distributed in the Ballroom of the Memorial Union.
 For courses in all other Arts and Science departments, class cards will be distributed at the respective Departmental Offices.
 For all courses in Agriculture, Engineering, and Pharmacy, class cards will be distributed at the respective Departmental Offices.
 For all courses in Chemistry, class cards will be distributed at the Dean's Office. For all courses in Physics, class cards will be distributed at the Physics Office.
 For all courses in Home Economics, the class cards will be distributed at the Founders Room of the Home Economics Building.

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 Crest Hall of the Memorial Union. The Registrar's Office will process registration from:

8:30a.m. to 12:00Noon and 1:00p.m. to 4:30p.m. on November 27, 28, 29, 30, and December 1

Students must clear the Registrar's tables by 4:30p.m., December 1 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 11, 12, 13 in Meinecke Lounge of the Memorial Union. 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 8 from 1:00-4:00p.m. The Registrar's Office will process these registrations during the same hours in Crest Hall of the Memorial Union.

Schedule of Classes

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
COLLEGE OF AGRICULTURE					
GENERAL AGRICULTURE					
303 (Agric. Comm.)	Eng.103	3		Staff	
-Sec 1			1:30MW		Min418
-Sec 2			10:30TH		Min418
-Sec A			2:30-5:20M		Min401
-Sec B			12:30-3:20T		Min401
-Sec C			2:30-5:20W		Min401
-Sec D			12:30-3:20Th		Min401
-Sec E			8:30-11:20F		Min401
304 (Agric. Comm.)	Gen.Ag.303	3	10:30Th,2:30-5:20T	Logan	Ceres TV
305 (Agric. Comm.)	Gen.Ag.303	3	8:30MW, 1:30-4:20M	Richardson	Ceres TV
AGRICULTURAL ECONOMICS					
103 (Prin. Agric. Econ.)		3		Staff	
-Sec 1			8:30TH,12:30F		Mor308
-Sec 2			10:30TH,2:30F		Mor308
203 (Prin. Agric. Econ.)	Ag.Ec.103	5	10:30MW,2:30TH	Johnson	Mor308
320 (Farm Mgmt. Prin.)	Ag.Ec.203	3		Olson	
-Sec 1			1:30MW,9:30F		Mor308
-Sec 2			3:30MW,11:30F		Mor308
326 (Prin. of Mktg. Farm Prod.)	Ag.Ec.203	3	12:30MW,8:30F	Cobia	Mor308
327 (World Agric.)	Ag.Ec.203	3	9:30TH,1:30F	Johnson	Mor210
409 (Land Economics)	Dept. appr.	3	11:30TH,3:30F	Johnson	Mor210
411 (Marketing-Crops)	Ag.Ec.326	3	9:30MW,1:30Th	D. Anderson	Mor210
412 (Mktg. Lvst. & Lvst. Prod.)	Ag.Ec.326	3	4:30MWTH	Dunn	Mor210
419 (Agric. Policy)	Sr. Stg.	3	10:30TH,2:30F	Ostenson	Mor212
442 (Agribus. Stds. in Crop Mktg.)	Ag.E411	3	1:30-5:20T+hr.	arrgt. D. Anderson	Mor212
471 (Nat. Res. Use & Dev.)	Dept. appr.	3	2:30MW,10:30F	Anderson	Mor210
496 (Special Topics)					
-Sec 4 (Macro-Econ.)	Dept. appr.	3	8:30TH,12:30F	Hertsgaard	Mor212
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Mor208
498 (Seminar)	Jr./Sr. Stg.	1	3:30T	Staff	Mor308
522 (Topics in Prod. Econ.)	Dept. appr.	3	7:30MWF	Olson	Mor212
596 (Special Topics)					
-Sec 2 (Res. Meth.)	Dept. appr.	2	9:30TH	Anderson	Mor309
597 (Research)	Dept. appr.	1-5	By arrgt.	Staff	Mor208
599 (Thesis & Research)	Dept. appr.	1-5	By arrgt.	Staff	Mor208
AGRICULTURAL EDUCATION					
320 (Prin. Voc'l. Agric.)	Dept. appr.	3	12:30MW,8:30F	Owen	Mor103
321 (Meth. Voc'l. Agric.)	Dept. appr.	3	8:30-10:20MTWTh	Owen	Mor103
401 (Adult & Youth Classes)	AgEd.320	3	1:30MW,9:30F	Owen	Mor103
402 (Meth. in Farm Mech.)	Dept. appr.	2	10:30MTWTh	Arntson	Mor103
403 (Directed Teaching)	Dept. appr.	9	By arrgt.	Staff	Mor103
404 (Visual Aids in Tchg. Agric.)	app.	2	1:30-3:20ThF	Owen	Mor103
AGRICULTURAL ENGINEERING					
310 (Farm Struct. & Utilities)	Math122	5	9:30TH,1:30F	Pratt	AgE215
			2:30-5:20TH		AgE208
312 (Adv. Farm Mechanics)	AgE112, ME217	3	1:30Th, 9:30-11:20MW	Moilanen	AgE215
320 (Farm Electricity)	Math122 or Appr.	3	8:30TH, 2:30-5:20F	Witz	AgE215
			2:30-5:20F		AgE210, 215
334 (Irrigation Meth.)	Soils20lor Appr.	3	1:30MW,9:30F	Holmen	AgE215
496 (Special Topics)	Dept. appr.	1-5	By arrgt.	Staff	AgE104
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	AgE104
498 (Seminar)	Sr. Stg.	1	1:30T	Kucera	AgE201
598 (Grad. Seminar)		1	7:30Th	Butchbaker	AgE215
599 (Thesis & Research)	Dept. appr.	1-5	By arrgt.	Staff	AgE104
AGRONOMY					
103 (Introduction)		3	7:30TH	Messersmith, Lund	Mor308
-Sec 1			9:30-11:20M		Wal247
-Sec 2			12:30-2:20M		Wal247
-Sec 3			9:30-11:20T		Wal247
202 (Grain Crops)	Agron.103, Biol.101	3	8:30TH	Peterson	Mor210
-Sec 1			2:30-4:20T		Wal247
-Sec 2			12:30-2:20W		Wal247
306 (Genetics)	Biol.101	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. in Crop Prod.)	Dept. appr.	2-5	By arrgt.	Staff	Wal202
496 (Special Topics)	Dept. appr.	1-5	By arrgt.	Staff	Wal202
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Wal202
498 (Seminar)	Sr. Stg. & Dept. appr.	1	1:30T	Carter	Wal221
518 (Exp. Designs II)	Agron.418	3	10:30TH,2:30F	Bothun	Wal221
524 (Cyto. of Aneuploids)	Agron.523	3	By arrgt.	Maan	Wal226
534 (Quant. Inheritance in Self-Pol. Crops)	Agron.407, 418	2	By arrgt.	Lebscock	Wal225
596 (Special Topics)	Dept. appr.	1-3	By arrgt.	Staff	Wal202
597 (Research)	Dept. appr.	1-5	By arrgt.	Staff	Wal202
598 (Grad. Seminar)	Dept. appr.	1	3:30F	Carter	Wal221
599 (Thesis & Research)	Dept. appr.	1-5	By arrgt.	Staff	Wal202
ANIMAL SCIENCE					
103 (Intro. Dairy Husb.)		3	8:30TH,12:30F	Ederly	Da27
105 (Intro. An. Husb.)		3	8:30MW	J. Johnson	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)		3	11:30TH	Light	Shep 9
-Sec 1			1:30-4:20T		Shep32
-Sec 2			1:30-4:20W		Shep32
-Sec 3			1:30-4:20Th		Shep32
214 (Farm Meats)	AnS.105	3	8:30MW, 8:30-11:20T,8:30-10:20Th, 9:30-11:20W,1:30-4:20F, 1:30-4:20W,8:30-10:20F	V. Johnson	Shep12 Shep26 Shep26 Shep26
-Sec 1					
-Sec 2					
-Sec 3					

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Animal Science-Continued					
230 (Feeds & Feeding)		4	11:30MW,3:30TH	Staff	Da27
-Sec 1			1:30-3:20M		Shep12
-Sec 2			10:30-12:20F		Shep12
306 (Poultry Mgmt.)	AnS.201, Agron.306	3	7:30TH,10:30-12:20F	Sell	VanEs301
314 (Dairy Cattle Feeding)	AnS230or330	3	8:30MW,12:30Th	Ederly	Da27
315 (Sheep Prod.)	AnS.230or330	3	10:30MW	Light	Shep9
-Sec 1			1:30-4:20T		Sheep Barn
-Sec 2			1:30-4:20W		Sheep Barn
317 (Hog Prod.)	AnS.230or330	3	8:30TH	J. Johnson	Shep9
-Sec 1			1:30-4:20W		Hog Barn
-Sec 2			1:30-4:20Th		Hog Barn
330 (Prin. An. Nutrition)	Chem.241	5	8:30MW,12:30TH	Staff	Mor210
-Sec 1			8:30-10:20F		Shep12
-Sec 2			1:30-3:20F		Shep12
332 (Nutr. of Monogastric An.)	AnS.330	3	10:30TH,2:30F	Staff	Shep9
410 (Tech. Control)	Dept. appr.	3	By arrgt.	Jensen	Da29
413 (Phys. & App. Morphol. of Poultry)	AnS.201 & Vet. Sci.338	3	10:30MW, 1:30-3:20Th	Rose	VanEs301 VanEs301
423 (Physiology of Reprod.)	Z211, Ch241	3	12:30MW,8:30F	Tilton	Shep9
427 (Animal Breeding)	Agron.306	3	11:30MW,3:30Th	Haugse	Shep9
496 (Special Topics)	Dept. appr.	1-3	By arrgt.	Staff	Wal306
498 (Seminar)	Dept. appr.	1	1:30T	Staff	Shep12
598 (Grad. Seminar)	Dept. appr.	1	2:30T	Staff	Wal306
599 (Thesis & Research)	Dept. appr.	1-5	By arrgt.	Staff	Wal306
BACTERIOLOGY					
270 (General Bact.)		4	7:30THF	Parsons	Fest. Hall
-Sec A			8:30-10:20T	Doubly	Mor323
-Sec B			2:30-4:20W	Doubly	Mor323
-Sec C			1:30-3:20Th	Funke	Mor323
320 (Public Health)	Bact.270	3	10:30TH,2:30F	Doubly	Mor210
407 (Food Microbiology)	Bact.270	4	1:30MW, 9:30-12:20TH	Holm	Mor309 Mor322
418 (Physiology of Bact.)	Bact.417	3	By arrgt.	Sleeper	Mor314
431 (Adv. Gen. Bact.)	Bact.270	3	8:30MW,12:30Th	Fulghum	Mor309
432 (Bact. Tech.)	Bact.270	2	9:30-12:20MW	Staff	Mor323
496 (Special Topics)	Dept. appr.	1-3	By arrgt.	Staff	Mor319
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Mor319
498 (Seminar)	Dept. appr.	1	By arrgt.	Funke	Mor314
596 (Special Topics)	Dept. appr.	1-3	By arrgt.	Staff	Mor319
597 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Mor319
598 (Grad. Seminar)	Dept. appr.	1	By arrgt.	Funke	Mor314
599 (Thesis & Research)	Dept. appr.	1-5	By arrgt.	Staff	Mor319
CEREAL TECHNOLOGY					
441 (Cereal Chemistry)	Chem.292or293	3	10:30MW,2:30Th	Staff	Harris 12
460 (Ind. Food Processing)	Dept. appr.	5	9:30MWF,1:30Th	Staff	Harris 12
597 (Research)	Dept. appr.	1-5	By arrgt.	Staff	Harris 201
598 (Grad. Seminar)	Grad. Stg.	1	4:30Th	McDonald	Harris 12
599 (Thesis & Research)	Grad. Stg.	1-5	By arrgt.	Staff	Harris 201
ENTOMOLOGY					
312 (Systematic Ent.)	Ent.201	4	7:30TH, 1:30-4:20M+3hrs. arrgt.	Post	Mor107 Mor223
422 (Insect Morphology)	Org. Ch. Ent.201	4	10:30MW, 2:30-5:20MW	Mulkern	Mor107 Mor107
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Mor219
505 (Ins. Vectors of Plt. Dis.)	Plt. Path.	4	1:30MW,9:30F +3hrs. arrgt.	Schulz	Mor107 Mor13
597 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Mor219
599 (Thesis & Research)	Dept. appr.	3-9	By arrgt.	Staff	Mor219
HORTICULTURE					
201 (Prairie Forestry)	Biol.102or Appr.	3	8:30TH,12:30F	Staff	Mor215
206 (General)	Biol.101or Dept. appr.	4	11:30MW,3:30Th	Lana	Mor215
-Sec 1			1:30-3:20M	Scholz	Grn. Hse.
-Sec 2			3:30-5:20M	Scholz	Grn. Hse.
-Sec 3			3:30-5:20T	Scholz	Grn. Hse.
308 (Potatoes)	Dept. appr.	3	12:30MW, 8:30-10:20F	Nelson	Wal315 Grn. Hse.
312 (Greenhouse Floriculture)	Biol.101	3	9:30TH, 1:30-3:20F	Holland	Wal315 Grn. Hse.
319 (Prin. of Landscaping)	Dept. appr.	3	8:30MW,12:30Th	Hoag	Mor308
419 (Land. for Spec. Purposes)	Hort.319	3	1:30-4:20MW	Hoag	Wal333
496 (Special Topics)	Dept. appr.	3	By arrgt.	Staff	Wal320
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Wal320
596 (Special Topics					

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Physics-Continued					
320(Intro. to Modern Phys.)	Math303, Coll.Phys.	3	11:30Th, +lhr. arrgt.	Worden	SE22
342(Particles & Fields)	Phys.341	4	By arrgt.	Sinha	
361(Heat&Thermodynamics)	ME303,Phys.233	4	By arrgt.	Hnojewyj	
405(Intro. to Quantum Theory)	Phys.404	3	By arrgt.	Worden	
506(Theoretical Physics II)	Phys.505	3	By arrgt.	Ross	
511(Quantum Theory)	Phys.510	3	By arrgt.	Hassoun	

COLLEGE OF ENGINEERING

AGRICULTURAL ENGINEERING

324(Farm Power)	ME335	5	9:30Th,1:30F	Kucera	AgE201
			1:30-4:20MW		AgE123
340(Prin.ofFarm Struct.&Util.)	ME230, 335	5	10:30MW,2:30Th	Butchbaker	AgE201
			2:30-5:20F		AgE208,127
431(Crop Processing)	AgE331,340	3	9:30MW,1:30Th	Witz	AgE201
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	AgE104
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	AgE104
498(Seminar)	Sr.Stg.	1	1:30T	Kucera	AgE201
516(Adv.Soil&Water Engr.)	AgE416	3	By arrgt.	Stegman	AgE222
524(Adv.Farm Pwr.&Machinery)	A324,424	3	By arrgt.	Kucera	AgE204
560(Similitudes)	CE309,ME328	3	By arrgt.	Butchbaker	AgE204
598(Grad. Seminar)	Grad.Stg.	1	7:30Th	Butchbaker	AgE215
599(Thesis & Research)	Dept.appr.	1-5	By arrgt.	Staff	AgE104

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

211(Arch.Design&Theory)	Arch203,209	5			
-Sec 1			11:30T,8:30-11:20T	Stolpe	Arch203,207
			1:30-4:20MWF		Arch203,207
-Sec 2			11:30T, Moorhead		Arch203,207
			8:30-11:20T,1:30-4:20MWF		Arch203,207
241(Arch. Graphics)		2			
-Sec 1			1:30-3:20Th	Datta	Dol.10
-Sec 2			8:30-10:20MW	Stolpe	Dol.10
-Sec 3			10:30-12:20MW	Moorhead	Dol.10
-Sec 4			3:30-5:20Th	Henning	Dol.10
321(History of Arch.)	Arch320	4	11:30MW,3:30Th	Ormbreck	Arch117
335(Working Drawings)	Arch310	5			
-Sec 1			9:30Th, Ormbreck		Arch117
			8:30-11:20T,1:30-4:20MWF		Arch203,207
-Sec 2			9:30Th, Jenkinson		Arch117
			8:30-11:20T,1:30-4:20MWF		Arch203,207
344(Bldg.Matls.&Constr.)	Arch343	3	9:30MW,1:30Th	Jenkinson	Arch117
402(Freehand Drawing)	Arch401	2	10:30-12:20MW	Banerji	Arch114
411(Arch. Design)	Arch410	6	11:30Th, Banerji		Arch117
			1:30-4:20MThF		Arch203,207
451(City&Regional Planning)	Arch450	3	10:30MW,2:30Th	Foster	Arch117
511(Arch. Design)	Arch510	8	1:30Th, Foster		Arch201
			8:30-11:20Th, Arch203,207		
			1:30-4:20MWF,2:30-5:20Th		Arch203,207

CIVIL ENGINEERING

309(Fluid Mechanics)	ME327,335	5		Anderson	
-Sec 1			8:30Th,12:30WF		1:30-3:20M
-Sec 2			8:30Th,12:30WF		3:30-5:20M
-Sec 3			8:30MW,12:30Th		1:30-3:20W
-Sec 4			8:30MW,12:30Th		3:30-5:20W
316(Soil Mechanics I)	ME328	3		Brahma	
-Sec 1			10:30Th,2:30-5:20F		CE215
-Sec 2			10:30Th,2:30-5:20T		CE215
332(Structural Theory I)	ME328	4		Williams	
-Sec 1			10:30MW,2:30Th,2:30-5:20T		CE103
-Sec 2			11:30MW,3:30Th,2:30-5:20M		CE216
405(Reinforced Concrete II)	CE404	4		Keshava	
-Sec 1			8:30Th,12:30F,2:30-5:20M		CE215
-Sec 2			9:30Th,1:30F,2:30-5:20W		CE217
409(Engineering Economics)	Sr.Stg.	3	11:30MW,3:30Th	Oakey	CE215
410(Sewerage&Sew.Disp.)	Bact270,CE318	4		Butler	
-Sec 1			11:30Th,3:30F,2:30-5:20T		CE217
-Sec 2			11:30Th,3:30F,2:30-5:20M		CE217
430(Struct.for Arch.III)	ME328	4		Jorgenson	
-Sec 1			1:30MW,9:30F,		CE216
-Sec 2			8:30-11:20T		CE216
444(Struct.Theory IV)	CE443	4		d'Errico	
-Sec 1			9:30Th,1:30F,2:30-5:20W		CE215
-Sec 2			1:30MW,9:30F,2:30-5:20T		CE215,216
461(Foundatn Engr.)	CE417	3	10:30MW,10:30-1:20F	Brahma	CE217
501(Theory of Elasticity)	Grad.Stg.	3	7:30MTh	Keshava	CE217
506(Plastic Des.in Steel)	CE504	3	10:30Th,2:30F	d'Errico	CE217
542(Ind.Waste Disposal)	CE418,410	3	9:30Th,1:30F	Butler	CE105
596(Special Topics)		3			
-Sec 1 (Safety of Struct.)	CE443		7:30ThF	Jorgenson	CE216
-Sec 2 (Matrix Anal.of Struct.)	CE504		2:30MTW	Jorgenson	CE105

ELECTRICAL AND ELECTRONICS ENGINEERING

312(Circuit Analysis III)	EEE303, Math303	4		Staff	
-Sec 1			8:30Th,12:30WF		EEE209
-Sec 2			10:30MW,2:30Th		EEE209
-Sec 3			1:30MW,9:30TF		EEE209
321(Electronics I)	EEE303	4		Staff	
-Sec 1			9:30Th,1:30WF		CE102
-Sec 2			9:30MW,1:30Th		EEE209
-Sec 3			2:30MW,10:30TF		EEE213
322(Electronics Lab I)	Cr.orReg.inEE321	1		Staff	
-Sec 1			1:30-4:20T		EEE206
-Sec 2			8:30-11:20F		EEE206
-Sec 3			8:30-11:20Th		EEE206
-Sec 4			1:30-4:20F		EEE206
-Sec 5			7:30-10:20M		EEE206
-Sec 6			2:30-5:20Th		EEE206
332(Elements of Elect.Engr.)	Phys.232	4	9:30MW,1:30Th	Staff	CE215
333(General Lab I)	Cr.orReg.inEE332	1		Staff	
-Sec 1 (CE only)			2:30-5:20F		EEE207
-Sec 2 (CE only)			2:30-5:20W		EEE207
357(Electromag.EnergyConv.I)	EEE303	4		Staff	
-Sec 1			11:30Th,3:30WF		EEE209
-Sec 2			8:30MW,12:30Th		EEE209
-Sec 3			11:30TF,3:30MW		EEE219
358(Machinery Lab I)	Cr.orReg.inEE357	1		Staff	
-Sec 1			1:30-4:20T		EEE117
-Sec 2			8:30-11:20F		EEE117
-Sec 3			8:30-11:20Th		EEE117
-Sec 4			1:30-4:20F		EEE117
-Sec 5			7:30-10:20M		EEE117
-Sec 6			11:30-2:20Th		EEE117
375(Circuits&Illumination)	Phys.203, only (ArchEng.)	2	11:30Th	Staff	Arch201
380(Electro-Mech. Devices)	EEE220	4		Staff	
-Sec 1			9:30MW,1:30Th		EEE213
-Sec 2			9:30Th,1:30MW		EEE213
381(Engr.LabI)	Cr.orReg.inEE380	1		Staff	
-Sec 1 (ME only)			8:30-11:20T		EEE117
-Sec 2 (ME only)			2:30-5:20W		EEE117
-Sec 3 (ME only)			8:30-11:20W		EEE117
-Sec 4 (ME only)			2:30-5:20Th		EEE117
-Sec 5 (IE only)			2:30-5:20M		EEE117
-Sec 6			8:30-11:20Sat.		EEE117
403(Electromag.Fields II)	EEE402	5	10:30MW,2:30Th	Staff	CE101
429(Comm. Engr.II)	EEE427	3	12:30MW,8:30F	Staff	EEE213
430(Comm. Lab II)	Cr.orReg.inEE429	1	7:30-10:20T	Staff	EEE211
436(Systems&Design I)	EEE314	3		Staff	
-Sec 1			3:30MW,11:30F		EEE213
-Sec 2			8:30MW,12:30Th		EEE219
463(Elect.Power Syst.Engr.II)	EEE461	4	11:30MW,3:30Th	Staff	EEE219
496(Special Topics)		3		Staff	
-Sec 1 (Materials)	Phys.320		1:30MW,9:30F		EEE219
-Sec 2 (Materials)	Phys.320		9:30MW,1:30Th		EEE219
-Sec 3 (Semi-Conductors)	EEE407		7:30MTh		EEE213
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	
507(Circuit Analysis V)	EEE314orEquiv	3	1:30MW+lhr.arrgt.	Staff	EEE214
532(Electronics V)	EEE531	3	11:30MW,3:30Th	Staff	EEE209
540(Computer Circuits I)	EEE407	3	By arrgt.	Staff	EEE213
551(Servomechanisms II)	EEE550	3	12:30MW,8:30F	Staff	EEE219
599(Thesis & Research)	Dept.appr.		By arrgt.	Staff	

INDUSTRIAL ENGINEERING

280(Introd. to Ind.Engr.)		3			
-Sec 1			10:30Th,2:30F	Biltonen	CE&IE214
-Sec 2			1:30MW,9:30F	Bronken	CE&IE214
347(Safety Engr.)	Jr.Stg.,Dept.appr.	3	10:30Th,2:30F	Serrin	CE&IE224
350(Work Measurement)	IE280,Math109 or Equiv.	3	8:30MW,	Bronken	CE&IE214
			1:30-4:20T		CE&IE224
430(Evaluation ofEngr.Data)	Math329or Appr.	3	9:30MW,1:30Th	Ebeling	CE&IE214

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Industrial Engineering-Continued					
455(Syst.&Proced.DesignI)	IE355	3	9:30Th,1:30F	Ebeling	CE&IE214
467(Plant Layout)	Conc.or prev.reg. inIE455	3	8:30Th, 1:30-5:20W	Ebeling	CE&IE214
480(Engr.Economy)	Sr.Stg.,Math252or Equiv.	3	10:30MW,2:30Th	Serrin	CE&IE214
481(Engr. Valuation)	IE480	3	By arrgt.	Serrin	CE&IE237
496(Special Topics)		1-5	By arrgt.	Staff	CE&IE229
510(Managerial Techniques)	IE381	3	By arrgt.	Staff	CE&IE229
551(Adv.Ind.Engr.)	IE366,470	3	7:30MWF	Staff	CE&IE214
562(Adv. Quality Control)	IE462	3	4:30MWF	Staff	CE&IE214
599(Thesis & Research)		1-5	By arrgt.	Staff	CE&IE229

MECHANICAL ENGINEERING

107(Engineering Graphics I)		2		Staff	
-Sec 1 (EEE)			10:30-12:20MW,2:30-4:20Th		Dol212
-Sec 2 (EEE)			10:30-12:20MW,2:30-4:20Th		Dol215
-Sec 3 (EEE)			8:30-10:20Th,12:30-2:20F		Dol202
-Sec 4 (EEE)			8:30-10:20Th,12:30-2:20F		Dol.10
108(Descriptive Geometry)	ME107	3		Staff	
-Sec 1 (ME)			12:30-2:20MW,8:30-10:20F		Dol215
-Sec 2 (ME)			2:30-4:20MW,10:30-12:20F		Dol212
-Sec 3 (ME)			8:30-10:20Th,12:30-2:20F		Dol215
-Sec 4 (ME)			8:30-10:20Th,12:30-2:20F		Dol212
110(Engr. Graphics II)	ME107	2		Staff	
-Sec 1 (AgE.)			8:30-10:20MW,12:30-2:20Th		Dol215
-Sec 2 (IE)			2:30-4:20MW,10:30-12:20F		Dol202
-Sec 3 (Mech.Ag.)			2:30-4:20MW,10:30-12:20F		Dol215
203(Prod.Proc.I)	ME107	2		Staff	
-Sec 1 (IE)			1:30T,7:30-11:20Th		Dol.6,137
204(Prod.Proc.II)	ME203	2		Staff	
-Sec A			12:30T		Dol.6
-Sec B			11:30F		Dol.6
-Sec 1 (ME)			7:30-11:20T		Dol.137
-Sec 2 (ME)			7:30-11:20W		Dol.137
-Sec 3 (ME)			7:30-11:20F		Dol.137
-Sec 4 (ME)			1:30-5:20M		Dol.137
-Sec 5 (ME)			1:30-5:20Th		Dol.137
216(Metal Fab. I)		1		Staff	
-Sec 1			12:30-2:20M		Dol.133
-Sec 2			3:30-5:20Th		Dol.133
-Sec 3			10:30-12:20T		Dol.133
217(Metal Fab. II)	ME216	1		Staff	
-Sec A			2:30T		Dol.118
-Sec B			7:30F		Dol.6

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
RUSSIAN					
102 (Elementary)	Russ.101	3	7:30-8:45(p.m.)TTh	Popel	Min301
205 (Intermediate)	Russ.204	3	7:30-8:45(p.m.)MW	Popel	Min301
SPANISH					
102 (Elementary)	Sp.101	4			
-Sec 1			2:30MW,10:30Th	Stallings	SE106
-Sec 2			10:30MW,2:30Th	Stallings	SE106
-Sec 3			6:30-8:30(p.m.)TTh	Munoz	Min205
205 (Intermediate)	Sp.204	4			
-Sec 1			1:30MW,9:30Th	Stallings	SE106
-Sec 2			9:30MW,1:30Th	Stallings	SE106
314 (Selected Spanish Rds.)	Sp.206	3	By arrgt.	Munoz	
MUSIC					
102 (Theory I)	Mus.101 or Appr.	4			
-Sec 1			9:30MW,1:30Th	Koenig	Putn12
-Sec 2			10:30MW,2:30Th	Trautwein	Putn12
202 (Theory II)	Mus.201 or Appr.	4			
302 (Choral Arranging)		3	By arrgt.	Fissingier	Putn1
111 (Intro. to Mus.Lit.)		3	12:30MW,8:30F	Olson	Fest.Hall
112 (Symphonic Lit.)	Mus.111&read Mus.	3	12:30MW,8:30F	Johnson	Putn6
305 (History of Music)	Mus.304	2	8:30Th	Johnson	Putn12
126 (Flute/Saxophone)	Mus.124	2	3:30MW,11:30Th	Johnson	Mus. Annex4
127 (French Horn&Percussion)	Mus.125	2	1:30MW,9:30Th	Euren, Sorenson	Ann.4, 17
130 (Class Piano)	Dept. appr.	1			
-Sec 1			11:30M	Croal	Putn10
-Sec 2			11:30T		Putn10
-Sec 3			11:30W		Putn10
-Sec 4			11:30Th		Putn10
-Sec 5			11:30F		Putn10
131 (Class Voice)	Dept. appr.	1			
-Sec 1			1:30T	Olson	Putn4
-Sec 2			1:30Th		Putn4
322 (Inst. Cond.&Lit.)	Mus.321	2	10:30Th	Sorenson	Mus. Annex4
375 (Spec.Meth.Vocal Music)	Mus.103	2	8:30MW	Trautwein	Putn6
141,142,143 (Piano)	Dept. appr.	1	By arrgt.	Croal, Koenig	Putn17,16
241,242,243 (Piano)	Dept. appr.	1	By arrgt.	Croal, Koenig	Putn17,16
341,342,343 (Piano)	Dept. appr.	1	By arrgt.	Croal, Koenig	Putn17,16
441,442,443 (Piano)	Dept. appr.	1	By arrgt.	Croal, Koenig	Putn17,16
161,162,163 (Voice)	Dept. appr.	1	By arrgt.	Olson, Trautwein	Putn4,19
261,262,263 (Voice)	Dept. appr.	1	By arrgt.	Olson, Trautwein	Putn4,19
361,362,363 (Voice)	Dept. appr.	1	By arrgt.	Olson, Trautwein	Putn4,19
461,462,463 (Voice)	Dept. appr.	1	By arrgt.	Olson, Trautwein	Putn4,19
181,182,183 (Wind Instr.)	Dept. appr.	1	By arrgt.	Staff	Annex4, 17, Putn3
281,282,283 (Wind Instr.)	Dept. appr.	1	By arrgt.	Staff	Annex4, 17, Putn3
381,382,383 (Wind Instr.)	Dept. appr.	1	By arrgt.	Staff	Annex4, 17, Putn3
481,482,483 (Wind Instr.)	Dept. appr.	1	By arrgt.	Staff	Annex4, 17, Putn3
184,185,186 (Perc. Instr.)	Dept. appr.	1	By arrgt.	Euren	Mus. Annex4
284,285,286 (Perc. Instr.)	Dept. appr.	1	By arrgt.	Euren	Mus. Annex4
384,385,386 (Perc. Instr.)	Dept. appr.	1	By arrgt.	Euren	Mus. Annex4
484,485,486 (Perc. Instr.)	Dept. appr.	1	By arrgt.	Euren	Mus. Annex4
191,291,391,491 (Women's Glee Club) ap		1	12:30Th	Trautwein	Putn6
191,291,391,491 (Men's Glee Club) ap		1	11:30MW	Trautwein	Putn6
191,291,391,491 (Concert Choir) ap		1	4:30MTWThSun	Fissingier	Putn6
191,291,391,491 (Oratorio) Dept. appr.		1	7:30-9:30(p.m.)W	Trautwein	Putn6
194,294,394,494 (Band) Dept. appr.		1			
-Sec 1 (Concert)			4:30MTWThF	Euren	Mus. Annex4
-Sec 2 (Varsity)			4:30MTWThF	Sorenson	Fest.Hall
194,294,394,494 (Orchestra) Dept. appr.		1	3:30MW+Thr. arrgt.	Sorenson	Putn6
NATURAL SCIENCES					
BIOLOGY					
101 (General Biology)		4		Scoby, Staff	
-Sec A			11:30MW,3:30Th		Min319
-Sec B			8:30Th,12:30F		Min319
-Sec 1			7:30-9:20Th		Min102
-Sec 2			9:30-11:20Th		Min102
-Sec 3			11:30-1:20Th		Min102
-Sec 4			1:30-3:20Th		Min102
-Sec 5			3:30-5:20Th		Min102
-Sec 6			7:30-9:20F		Min102
-Sec 7			9:30-11:20F		Min102
-Sec 8			11:30-1:20F		Min102
-Sec 9			1:30-3:20F		Min102
-Sec 10			3:30-5:20F		Min102
102 (General Biology)	Biol.101	4		Scoby, Staff	
-Sec A			9:30MW,1:30Th		Min319
-Sec B			9:30Th,1:30F		Min319
-Sec 1			7:30-9:20M		Min102
-Sec 2			9:30-11:20M		Min102
-Sec 3			11:30-1:20M		Min102
-Sec 4			1:30-3:20M		Min102
-Sec 5			3:30-5:20M		Min102
-Sec 6			7:30-9:20T		Min102
-Sec 7			9:30-11:20T		Min102
-Sec 8			11:30-1:20T		Min102
-Sec 9			1:30-3:20T		Min102
-Sec 10			3:30-5:20T		Min102
BOTANY					
412 (Range Hist.&Lit.)	Bot.323orAppr.	3	By arrgt.	Whitman	MinAnn4
432 (Mineral Nutr.ofPlts.)	B302orAppr.	3	By arrgt.	Duysen	Min101
496 (Spec.Topics-Exp.Taxonomy)	Bot.214	4	12:30MW,12:30-2:20Th	Harms	Min111
497 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Min117
498 (Seminar-Evolution)	Dept. appr.	1	4:30M	Harms	Min101
560 (Research Meth.inEcology)	Bot.304	4	9:30MW,2:30-4:20Th	Burgess	MinAnn4
596 (Special Topics)	Dept. appr.	1-5	By arrgt.	Staff	Min117
597 (Research)	Dept. appr.	1-3	By arrgt.	Staff	Min117
598 (Seminar-Evolution)	Grad.Stg.	1	4:30M	Harms	Min101
599 (Thesis & Research)	Grad.Stg.	1-5	By arrgt.	Staff	Min117
GEOGRAPHY					
252 (Geog.of Settlement)		3	10:30MW,2:30Th	Kress	Min219
311 (Geog.of West.N.Amer.)	JrS, PrevGeog	3	9:30Th,1:30F	Kress	Min301
497 (Research)	Dept. appr.	1-3	By arrgt.	Kress	Min117A
GEOLOGY					
304 (Mineralogy I)	Phys.Geol.	4	8:30Th,3:30-5:20Th	Metzger	Min101
496 (Spec.Topics-Clay Mineralogy)	Appr	4	By arrgt.	Metzger	
ZOOLOGY					
108 (Human Physiology)	Bio.102orZool107	4			
-Sec 1			2:30MW,10:30F	Jacobsen	Min319
-Sec 2			8:30-10:20M		Min121
-Sec 3			10:30-12:20M		Min121
-Sec 4			1:30-3:20T		Min121
-Sec 5			3:30-5:20T		Min121
-Sec 6			8:30-10:20W		Min121
-Sec 7			10:30-12:20W		Min121
-Sec 8			1:30-3:20Th		Min121
-Sec 9			3:30-5:20Th		Min121
304 (Comp.Vert.Anatomy)	Bio.102orAppr.	4			
-Sec 1			10:30MW,2:30Th	Sokol	Min125
-Sec 2			2:30-5:20T,3:30-6:20Th		Min104
316 (Invertebrate Zool.)	Biol.102, Ent.201, or Appr.	4			
-Sec 1			9:30MW,1:30Th	Comita	Min125
-Sec 2			1:30-4:20MW		Min104
322 (Prin.of Ecology)	Biol.102, Ent.201, or Appr.	3			
-Sec 1			8:30Th,12:30F	Comita	Min125
-Sec 2					Min125
467 (Gen.Physiology)	Zool.466orAppr.	4			
-Sec 1			11:30MW,3:30Th	Puyear	Min125
-Sec 2			8:30-12:20T		Min121
496 (Spec.Topics-Fisheries)	Biol.)Appr	4	8:30Th+4hrs. arrgt.	Peterka	Min104
498 (Seminar)	Dept. appr.	1	4:30W	Sokol	Min101
598 (Seminar)	Grad.Stg.	1	4:30W	Sokol	Min101
599 (Thesis & Research)	Grad.Stg.	8-15	By arrgt.	Staff	Min117
PHILOSOPHY					
301 (Intro. to Phil.Analysis)		3	10:30MW,2:30Th	Brkic	Fest.Hall
302 (Intro. to Philosophy)	Phil.301	3	2:30MW,10:30F	Hertel	Min310
311 (Hist.of Med.&Ren.Phil.)	P301orApr	3	9:30MW,1:30Th	Roach	Rel.Ed.Aud.
402 (Phil. of Religion)		3	7:30-10:00(p.m.)Th	Brkic	Min310
496 (Special Topics)	Dept. appr.				
-Sec 1 (Phil. of Language)	DptAppr	3	By arrgt.	Brkic	Min424
-Sec 2 (Persp.on the Nat.of Man)		3	7:30-10:00(p.m.)Th	Cater	Min304
PHYSICAL EDUCATION-MEN					
102 (Winter Activities)		1		Staff	Ped.Floor
-Sec 1			7:30MW		
-Sec 2			8:30MW		
-Sec 3			9:30MW		
-Sec 4			7:30Th		
-Sec 5			8:30Th		
-Sec 6			2:30Th		

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Physical Education-Men-Continued					
110 (First Aid)		1		Isrow	
-Sec 1			8:30Th		Ped.112
-Sec 2			9:30Th		Ped.112
-Sec 3			10:30Th		Ped.112
119 (Bowling)		1		Maughan	
-Sec 1			10:30MW		Stu.Union
-Sec 2			11:30MW		Stu.Union
123 (Weight Trng.& Isometrics)		1		Braun	
-Sec 1			4:30MW		Ped.Pool
-Sec 2			3:30Th		Ped.Pool
-Sec 3			4:30Th		Ped.Pool
205 (Apparatus)		1	8:30Th	Kaiser	Ped.Stage
207 (Wrestling)	Soph.Stg.	1	3:30MTWThF	Maughan	Ped.Pool
209 (Basketball)	Soph.Stg.	1	3:30MTWThF	Cowman	Ped.Floor
212 (Badminton&Archery)		1	2:30MW	Kaiser	Ped.Floor&Pool
220 (American Country Dance)		1	11:30MW	Gregoire	Ped.Floor
229 (Intro. to Phy.Educ.)		3		Kjelbertson	
-Sec 1			12:30MW,8:30F		Ped.204
-Sec 2			1:30MW,9:30F		Ped.204
231 (Fund.of Wtr.Sports Act.)		1	2:30-4:20T	Gregoire	FM Curling Club
302 (Meth.&Tech.of Off.Wtr.Sports)		1	12:30MW	Fortier	Ped.112
307 (Org.&Admin. of Sports)	Ped.229	2	12:30Th	Borstad	Ped.204
309 (Kinesiology)	Ped.308	3	9:30MW,1:30Th	Cowman	Ped.204
321 (Meth.in Coach.Football)		2	10:30MW	Erhardt	Ped.204
324 (Meth.of Coach. Wrestling)		2	11:30Th	Maughan	Ped.204
330 (Meth.&Matls.for Hlth.Tchg.)		2	10:30Th	Belk	Ped.204
340 (Adv. Swimming)	Ped.105	1	2:30Th	Borstad	Central HS
374 (Meth.inTchg.Men's PhyEd.)	Ped.373	2	2:30MW	Fortier	Ped.112
402 (Org.&Admin.of PhyEd.)	Ped.229	3	8:30Th,12:30F	Koppenhaver	Ped.204
407 (Supervision)	Sr.Stg.	2	By arrgt.	Kaiser	Ped.
409 (Adapted Act. Program)		2	11:30MW	Erhardt	Ped.204
410 (Teaching Traffic Safety)		3	2:30MW,10:30F	Kaiser	Ped.204
424 (Tests&Meas.in PhyEd.)	Sr.Stg.	3	9:30Th,1:30F	Kaiser	Ped.204
496 (Special Topic in Phy.Educ.)	SrStg	1-3	By arrgt.	Staff	Ped.
504 (Res.Lit.&Res.in Phy.Educ.)	GrdStg	3	By arrgt.	Belk	Ped.
597 (Research in Phy.Educ.)	Grad.Stg.	1-3	By arrgt.	Staff	Ped.
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	Ordahl	Ped.Stage
-Sec 4			11:30MW	Ordahl	Ped.Stage
-Sec 5			12:30MW	Nass	Ped.Stage
-Sec 6 (Instr.approval)			1:30MW	Raer	Ped.Stage
-Sec 7			3:30MW	Ordahl	Ped.Stage
-Sec 8			11:30Th	Gregoire	Ped.Stage
-Sec 9			12:30Th	Nass	Ped.Stage
-Sec 10			1:30Th	Nass	Ped.Stage
-Sec 11			2:30Th	Ordahl	Ped.Stage
-Sec 12			3:30Th	Ordahl	Ped.Stage
110 (First Aid)		1		Isrow	
-Sec 1			8:30Th		Ped.112
-Sec 2			9:30Th		Ped.112
-Sec 3			10:30Th		Ped.112
119 (Gymnastics)	Ped.120 or appr.</				

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
SEMINARY-CARDINAL MUENCH					
152 (Gregorian Chant)		2	1:00-1:50Th	Weiler	Sem.
182 (Intro. to Latin)		3	1:00-1:50MW, 9:00-9:50F	Stelten	Sem.
192 (Elem. Greek)		2	8:00-8:50Th	Stelten	Sem.
302 (Comparative Arts)		3	9:00-9:50Th, 1:00-1:50F	Weiler	Sem.
SOCIAL AND BEHAVIORAL SCIENCES					
COMMUNICATIONS					
201 (Journalism)	Eng.103	3			
-Sec 1			1:30MW	Lucken	Min418
-Sec 2			10:30Th	L.Richardson	Min418
-Sec A			2:30-5:20M	Lucken	Min401
-Sec B			12:30-3:20T	L.Richardson	Min401
-Sec C			2:30-5:20W	L.Richardson	Min401
-Sec D			12:30-3:20Th	L.Richardson	Min401
-Sec E			8:30-11:20F	Burington	Min401
307 (Editing)	Comm.201orGen.Ag.303	3	9:30Th,1:30F	McCullough	Min406
375 (Comm. Practicum)					
-Sec 1 (Spectrum Staff)		1	By arrgt.	Burington	Ceres Comm
-Sec 2 (Comm.201orGen.Ag.303)		1-3	2:30F+arrgt.	Schwartz	Min406
496 (Special Topics)	Instr.appr.				
-Sec 1 (Fund.of Fund Raising)		3	7:30-10:00 (p.m.)	T Moll	Min418
-Sec 2 (Independent Study)		1-5	By arrgt.	Schwartz	Min405A
497 (Research)	Instr.appr.	1-3	By arrgt.	Schwartz	Min405A
ECONOMICS					
242 (Accounting)	Econ.241	3			
-Sec 1			8:05-9:20MW	Thiel	Min219
-Sec 2			9:30MW,1:30Th	Thiel	Min219
-Sec 3			8:30Th,12:30F	Anderson	SE32
-Sec 4			9:30Th,1:30F	Anderson	SE32
250 (Prin. of Economics)	Soph.Stg.	3			
-Sec 1			8:30Th,12:30F	Staff	Min219
-Sec 2			10:30Th,2:30F	Staff	SE32
251 (Prin. of Economics)	Econ.250	3			
-Sec 1			8:30MW,12:30Th	Lodise	Min309
-Sec 2			10:30MW,2:30Th	Lodise	Min309
-Sec 3			2:30MW,10:30F	Singh	Min309
311 (Labor Problems)	Econ.250	3	11:30MW,3:30Th	Gackle	Min309
312 (Personnel Administration)		3	8:30Th,12:30F	Myrold	Min418
322 (Business Law)		3			
-Sec 1			12:30MW,8:30F	AgE223	
-Sec 2			1:30MW,9:30F	AgE223	
323 (Business Law)	Econ.322orAppr.	3	8:30Th,12:30F	Rilling	AgE223
328 (Salesmanship&Sales Mgmt.)	Econ.250	3	8:05-9:20MW	Myrold	Min418
329 (Life Insurance)	Econ.250	3	10:30Th,2:30F	Myrold	Min309
352 (Adv.Accounting Prin.)	Econ.351	3	7:30-10:00 (p.m.)	W Anderson	Min305
413 (Public Finance)	Econ.412	3	8:30Th,12:30F	Singh	Min301
419 (Adv. Economics)	Econ.418	3	1:30MW,9:30F	Singh	Min309
496 (Special Topics)		3			
-Sec 1 (Neo-Inst.Econ.)	Econ.252		9:30Th,1:30F	Lodise	Min418
-Sec 2	Dept.appr.		By arrgt.	Staff	Min
HISTORY					
102 (U.S. History)		3			
-Sec 1			8:30MW,12:30Th	Merritt	Min319
-Sec 2			10:30MW,2:30Th	Reid	Min319
231 (Hist. of West.Civ.)		3			
-Sec 1			12:30MW,8:30F	Boyle	Min319
-Sec 2			9:30Th,1:30F	Lee	Min219
302 (Amer.Econ.Hist.to1914)	Hist.101	3	8:30MW,12:30Th	Reid	Min314
312 (The Greek&Roman World)		3	10:30MW,2:30Th	Roach	Rel.Ed.Aud.
321 (Europe from 1600-1815)	Hist.231	3	2:30MW,10:30F	Boyle	Min314
324 (Hist.of North Dakota)	Hist.101,2,3	3	4:30-5:45Th	Ottersen	Min314
342 (Recent Hist. of Russia)		3	11:30Th,3:30F	Lee	Min314
352 (Rec.Hist.of the Far East)		3	9:30MW,1:30Th	Lee	Min309
405 (Hist.of Amer.Diplomacy)	H.101,2,3	3	11:30MW,3:30Th	Reid	Min314
461 (Modern Germany)	Hist.232or327	3	3:30MW,11:30F	Boyle	Min310
486 (Adv. U.S. History)	Hist.101,2,3	3	1:30MW,9:30F	Merritt	Min310
496 (Special Topics)		3			
-Sec 1 (Amer.Urban Hist.II)	Appr.	3	3:30-5:20M+arrgt.	Merritt	Min300
597 (Research)	Dept.appr.	3	By arrgt.	Staff	Min411
599 (Thesis & Research)	Dept.appr.	1-8	By arrgt.	Staff	Min411
POLITICAL SCIENCE					
203 (National Government)		3	12:30MW,8:30F	Amlund	Min219
204 (Nat'l. Gov't.in Action)		3			
-Sec 1			9:30Th,1:30F	Kim	Min309
-Sec 2			10:30MW,2:30Th	Jardine	Mor210
-Sec 3			3:30MW,11:30F	Jardine	AgE223
324 (International Relations)		3	1:30MW,9:30F	Kim	Mor210
335 (The American Presidency)		3	10:30Th,2:30F	Jardine	Min314
460 (Constitutional Law)		3	4:30-5:45Th	Maring	AgE201
496 (Special Topics)		3			
-Sec 1 (Gov't.&Pol.Japan)			9:30MW,1:30Th	Kim	Mor309
-Sec 2 (Pol. Behavior)			2:30MW,10:30F	Jardine	AgE201
-Sec 3 (Adm. Law)			7:30-10:00 (p.m.)	W Sharma	Min314
-Sec 4 (Far East Govts.)			7:30-10:00 (p.m.)	M Sharma	Min208
497 (Research)		1-3	By arrgt.	Staff	Min426
596 (Special Topics)		3			
-Sec 1 (Amer.Pol.Thought)		3	3:30-4:45T+arrgt.	Amlund	Min208
-Sec 2 (Congress)		3	3:30-4:45Th+arrgt.	Amlund	Min208
597 (Research)		1-5	By arrgt.	Staff	Min426
599 (Thesis & Research)		3-15	By arrgt.	Staff	Min426
PSYCHOLOGY					
203 (Intro.to Psychology)		4	1:30MTW,9:30F	Whittaker	Fest.Hall
215 (Educ.Psychology)	Psych.203	3	See Education Dept.		
303 (Hum.Growth&Dev.:Adoles.)		3	See Education Dept.		
304 (Mental Hygiene)	Psych.203	3	10:30MW,2:30Th	Nelson	SE32
321 (Intro.Tests&Meas.)	Psych.203	3	See Education Dept.		
323 (Exper.Psych.)	Math329,Psych.203	3	1:30-4:45T	Singh	Min418
415 (Psych. of Learning)	Psych.203	3	3:30-4:45MW	Singh	Min418
418 (Social Psych.)		3	See Sociology Dept.		
496 (Special Topics)	Dept.appr.	3			
-Sec 1 (Social Movements)			3:30-5:00MW	Whittaker	Min302
-Sec 2 (Psych.of Comm.Disorders)			7:30-10:00 (p.m.)	T Whittaker	Min401
-Sec 3 (Psych. of Personality)			7:30-10:00 (p.m.)	M Query	Min219
497 (Research-Phys.Psych.)		3	By arrgt.	Singh	Min403
599 (Thesis & Research)		3-15	By arrgt.	Whittaker	Min405B
SOCIOLOGY					
204 (Intro.to Sociology)		3	8:30Th,12:30F	Query	Fest.Hall
305 (Population Problems)		3	2:30MW,10:30F	Voelker	SE32
309 (The Community)	Soc.203	3	1:30MW,9:30F	King	Min219
401 (Sociology of Religion)		3	12:30MW,8:30F	Sherman	Min418
418 (Social Psychology)	14cr.Soc.orPsy	3	10:30Th,2:30F	Query	Min401
496 (Special Topics)		3			
-Sec 1 (Soc.Statistics)	Math329, Soc.203orPsych.203	3	9:30MW,1:30Th	King	Min208
-Sec 2 (Juv.Delinquency)	Soc203or Psych203	3	11:30MW,3:30Th	King	Min305
-Sec 3 (Group Dynamics)	Jr.Stg.	3	7:30-10:00 (p.m.)	T Burkland	Min304
596 (Special Topics)	Grad.Stg.	1-5	By arrgt.	Query	Min422
597 (Research)	Grad.Stg.	1-3	By arrgt.	King	Min422
SPEECH					
108 (Speech Fundamentals)		3			
-Sec A			8:30F	Ubbelohde	LCT
-Sec B			11:30F		LCT
-Sec 1			7:30MW	Staff	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			9:30MW		Adm207
-Sec 9			8:30MW		NE Rm.F.Hall
-Sec 10			7:30Th		Adm206
-Sec 11			8:30Th		Adm206
-Sec 12			9:30Th		Adm206
-Sec 13			10:30Th		Adm206
-Sec 14			11:30Th		Adm206
-Sec 15			12:30Th		Adm206
-Sec 16			1:30Th		Adm206
-Sec 17			9:30Th		Adm207
110 (Intro. to Theatre)		3			
-Sec 1			8:30MW,12:30Th		LCT
-Sec 2			8:30Th,12:30F		LCT
-Sec 3			9:30Th,1:30F		LCT
119 (Theatre Practice)		1	By arrgt.	Staff	LCT
120 (Speech Science)		3	8:30MW,12:30Th	Gronhovd	NE Rm.F.Hall

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Speech-Continued					
121 (Phonetics)		3	8:30Th,12:30F	Gronhovd	NE Rm.F.Hall
208 (Stage Scenery&Light.)		3	10:30F	Gardner	Cabin
-Sec 1			2:30-4:20MW		LCT
-Sec 2			2:30-4:20Th		LCT
209 (Oral Interpretation)	Sp.108	3	10:30MW,2:30Th	West	NE Rm.F.Hall
212 (Intermed.Public Spkg.)	Sp.108	3	8:30F	West	NE Rm.F.Hall
-Sec 1			9:30Th		NE Rm.F.Hall
-Sec 2			10:30Th		NE Rm.F.Hall
222 (Spch.Readings&Aud.Trng.)	Sp.221	3	9:30MW,1:30Th	Stockdell	NE Rm.F.Hall
223 (Speech Pathology)	Sp.220	3	9:30Th,1:30F	Gronhovd	NE Rm.F.Hall
251 (Debate Practice)	Dept.appr.	1	4:30-5:45W	Ubbelohde	Adm207
309 (Acting)	Dept.appr.	3	10:30MW,2:30-4:20Th	Mrnak	Adm206,LCT
310 (Directing)	Sp.308or309	3	10:30Th,2:30-4:20F	Raviv	LCT,Adm206
311 (Contemp.Amer.Speakers)	Sp.212	3	11:30MW,3:30Th	Ubbelohde	Adm207
320 (Clinical Pract.inSpch.Corr.)	appr	1-3	By arrgt.	Gronhovd	Clinic
351 (Debate Practice)	Dept.appr.	1	4:30-5:45W	Ubbelohde	Adm207
378 (Spec.Meth.Tchg.Speech)	Dept.appr	3			
-Sec 1			1:30MW,9:30F	West	NE Rm.F.Hall
-Sec 2			10:30MW,2:30Th	Stockdell	NE Rm.F.Hall
407 (Playwriting)	Dept.appr.	3	10:30MW,2:30Th	Walsh	Adm201
409 (Radio Spch.-Prod.)	Instr.appr.	3	8:30F,1:30-3:20W	Abel	Radio Studio
490 (Stage Design)	Dept.appr.	3	By arrgt.	Munton	Adm201
496 (Special Topics)	Dept.appr.				
-Sec 1 (Anatomy of the Ear)		3	7:00-9:30 (p.m.)	W Staff	Min208
498 (Seminar)	Dept.appr.				
-Sec 1 (Diag.of Lang.Disorders)		3	7:00-9:30 (p.m.)	M Stockdell	Min202
596 (Special Topics)	Dept.appr.				
-Sec 1 (Greek&Roman Drama)		3	2:30MW,10:30F	Raviv	Adm206
598 (Grad. Seminar)	Dept.appr.				
-Sec 1 (Elizabethan Theatre Prod.)		3	2:30Th,+1hr.arrgt.	Raviv	Adm207
599 (Thesis & Research)	Dept.appr.	3-9	By arrgt.	Walsh	Adm201

COLLEGE OF CHEMISTRY AND PHYSICS

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
AGRICULTURAL AND BIOLOGICAL CHEMISTRY					
292 (Elements of Biochem.)	Ch.231or242	3	11:30Th,3:30F	Klosterman	Ladd254
293 (Elements of Biochem.Lab)	Chem.292	1	1:30-4:20T	Klosterman	Ladd304
	or Conc.				
484 (Biochem. Lab)	Chem.483orAppr.	2	8:30-11:20ThF	Graf	Ladd308
494 (Biochemistry)	Chem.493 or Appr.	3	7:30MWF	Klosterman	Ladd254
591 (Proteins)	Chem.462and495	2	7:30Th	Graf	Ladd359
ANALYTICAL CHEMISTRY					
108 (Qual. Analysis)	Chem.105	5	12:30Th, 9:30-12:20MW, 1:30-4:20Th	Broberg	Ladd204, Ladd309, Ladd204
205 (Quant. Analysis)	Chem.108	4	1:30-4:20MW, 8:30-11:20Th,1:30-4:20F	Fleetwood	Ladd309, Ladd309
-Sec A					
-Sec B					
GENERAL AND INORGANIC CHEMISTRY					
101 (General Chemistry)		5			
-Sec 1			9:30Th,1:30MW	Broberg	Ladd207
-Sec 2			10:30MW,2:30Th	Satterfield	Ladd207
-Sec 3			11:30MW,3:30Th	Sands	Ladd207
-Sec A			7:30-9:20M	Staff	Ladd101
-Sec B			7:30-9:20W	Staff	Ladd101
-Sec C			7:30-9:20Th	Staff	Ladd101
-Sec D			11		

Courses Listed By Colleges and By Departments Within

Department & Subject Prerequisite Cr. Hour & Days Instructor Room

COLLEGE OF ARTS AND SCIENCES

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
EDUCATION					
215 (Educ. Psychology)	Gen. Psych.	3	9:30MW, 1:30TH	Boyles	LCT
301 (Found. of Educ.)	Educ. 450	3	9:30TH, 1:30F	Aarnes	Min202
303 (Hum. Growth & Dev.: Adoles.)	Educ. 215	3	11:30TH	Flynn	Min319
-Sec A			1:30W+1hr. arrgt.		Min302
-Sec B			2:30W+1hr. arrgt.		Min418
-Sec C			2:30TH+1hr. arrgt.		Min310
-Sec D			3:30T+1hr. arrgt.		Min322
-Sec E			3:30W+1hr. arrgt.		Min205
318 (Sec. Sch. Methods) (With Educ. 450)		3			
-Sec 1 (1st & last week of Qtr.)			9:00-11:30MTWThF	Staff	Lib105
			1:30-4:00MTWThF	Staff	Lib105
-Sec 2 (Jr. in Agric.)			5:30-8:00(p.m.)	W Staff	Min202
321 (Intro. Tests & Meas.)	Educ. 215	3	3:30-4:45MW	Eustice	Min219
370 (Spec. Meth. Tchg. English)		3	3:30-4:45TH	Abraham	Min205
371 (Spec. Meth. in Tchg. Math.)		3	2:30MW, 10:30F	Friese	Min305
374 (Meth. in Tchg. Men's Phy Ed.)	PEd. 373	2	2:30MW	Fortier	PEd. 112
375 (Spec. Meth. Vocal Music)	Mus. 103	2	8:30MW	Trautwein	Putn6
377 (Spec. Meth. in Tchg. Soc. Stds.)		3	8:05-9:20TH	Thompson	Min300
378 (Spec. Meth. Tchg. Speech) Dept. appr.		3			
-Sec 1			1:30MW, 9:30F	West	NE Rm. F, Hall
-Sec 2			10:30MW, 2:30TH	Stockdell	NE Rm. F, Hall
443 (Occ. Info. in Guid. Prog.)		3	5:30-8:00(p.m.)	Th Amiot	Min302
450 (Student Teaching) Dept. appr.		9-12			
-Sec 1			By arrgt.	Staff	Min327
-Sec 2			By arrgt.	Kaiser	PEd
-Sec 3			By arrgt.	Gregoire	PEd
472 (School Finance)	24crds. Ed.	3	5:30-8:00(p.m.)	W Flynn	Min309
475 (H.S. Org. & Admin.)	12crds. Ed.	3	5:30-8:00(p.m.)	Th Anderson	Min322
495 (Comparative Education)	12crds. Ed.	3	5:30-8:00(p.m.)	W Aarnes	Min322
496 (Special Topics)					
-Sec 1 (Sch. Plt. Plan. & Maint.)		3	5:30-8:00(p.m.)	T Anderson	Min322
-Sec 2 (A-V Educ.)	With 450	1	By arrgt.	Biggs	Min325
-Sec 3 (Rdgs. in Guidance)		3	By arrgt.	Boyles	Min330
-Sec 4 (Rdgs. in Guidance)		3	By arrgt.	Teigland	Min330
-Sec 5 (Rdgs. in Administration)		3	By arrgt.	Anderson	Min325
515 (Superv. of Instruction) lyr. Tchg.		3	8:00-10:30(p.m.)	T Staff	Min309
516 (Superv. of Student Tchrs.) lyr. Tchg.		3	5:30-8:00(p.m.)	M Staff	Min314
535 (Elem. School Curriculum) 30crds. Ed		3	8:00-10:30(p.m.)	M Staff	Min309
542 (Prin. & Tech. of Group Work)		3	5:30-8:00(p.m.)	W Teigland	Min304
545 (Counseling Practicum) Dept. appr.		1-5			
-Sec 1			By arrgt.	Teigland	Min. Guid. Lab
-Sec 2 (Admin. Internship)			By arrgt.	Anderson	Min325
596 (Spec. Topics-Dynamics of Personality)		3	5:30-8:00(p.m.)	T Amiot	Min309
597 (Research-Educ. Statistics)		3	5:30-8:00(p.m.)	M Boyles	Min309
598 (Seminar) Dept. appr.		3			
-Sec 1			8:00-10:30(p.m.)	T Anderson	Min325
-Sec 2			8:00-10:30(p.m.)	W Teigland	Min330
599 (Thesis & Research) Dept. appr.		8-15	By arrgt.	Staff	Min327
ENGLISH					
101 (Freshman English)		3			
-Sec 1			2:30MW, 10:30F	Schoff	Min208
-Sec 2			10:30TH, 2:30F	Schlipf	SE31
-Sec 3			10:30MW, 2:30TH	Schlipf	SE31
-Sec 4			9:30TH, 1:30F	Schlipf	SE31
-Sec 5			9:30MW, 1:30TH	Schlipf	SE31
-Sec 6 (For Foreign Students)			4:30-5:45MW	Oldknow	Min310
102 (Freshman English) Eng. 101		3			
-Sec 1			7:30MWF	Huckins	Min310
-Sec 2			7:30MWF	Maier	SE31
-Sec 3			7:30THF	Bleier	Min205
-Sec 4			7:30THF	Grosz	Min208
-Sec 5			8:30MW, 12:30TH	Adam	SE104
-Sec 6			8:30MW, 12:30TH	Maier	SE31
-Sec 7			8:30MW, 12:30TH	Berg	Lib101
-Sec 8			8:30MW, 12:30TH	Brossart	SE33
-Sec 9			8:30MW, 12:30TH	Peet	SE34
-Sec 10			8:30TH, 12:30F	Bleier	Min205
-Sec 11			8:30TH, 12:30F	Gronhovd	Min208
-Sec 12			8:30TH, 12:30F	Denison	SE106
-Sec 13			8:30TH, 12:30F	Waddell	Min401
-Sec 14			8:30TH, 12:30F	Pavicic	SE34
-Sec 15			9:30MW, 1:30TH	Ward	Min205
-Sec 16			9:30MW, 1:30TH	Knutson	SE36
-Sec 17			9:30MW, 1:30TH	Brossart	SE33
-Sec 18			9:30MW, 1:30TH	Farnham	SE35
-Sec 19			9:30MW, 1:30TH	Peet	SE34
-Sec 20			9:30TH, 1:30F	Ward	SE33
-Sec 21			9:30TH, 1:30F	Cabral	Min208
-Sec 22			9:30TH, 1:30F	Grosz	SE104
-Sec 23			9:30TH, 1:30F	Waddell	Min310
-Sec 24			9:30TH, 1:30F	Pavicic	SE34
-Sec 25			10:30MW, 2:30TH	Knutson	SE34
-Sec 26			10:30MW, 2:30TH	Wallum	Min208
-Sec 27			10:30MW, 2:30TH	Perkins	SE33
-Sec 28			10:30MW, 2:30TH	Farnham	SE35
-Sec 29			10:30MW, 2:30TH	Berg	SE104
-Sec 30			10:30MW, 2:30TH	Denison	Min418
-Sec 31			10:30MW, 2:30TH	Peet	SE36
-Sec 32			10:30TH, 2:30F	Wallum	Min310
-Sec 33			10:30TH, 2:30F	Ward	SE104
-Sec 34			10:30TH, 2:30F	Hudson	Min208
-Sec 35			11:30MW, 3:30TH	Adam	Min310
-Sec 36			11:30MW, 3:30TH	Peet	SE31
-Sec 37			12:30MW, 8:30F	Winkelman	SE33
-Sec 38			12:30MW, 8:30F	Vorachek	Lib101
-Sec 39			1:30MW, 9:30F	Engel	Min208
-Sec 40			1:30MW, 9:30F	Cabral	Min205
-Sec 41			1:30MW, 9:30F	Winkelman	SE33
-Sec 42			1:30MW, 9:30F	Vorachek	Lib101
-Sec 43			1:30MW, 9:30F	Perkins	SE31
-Sec 44			1:30MW, 9:30F	Knutson	SE34
-Sec 45			1:30MW, 9:30F	Gronhovd	SE36
-Sec 46			1:30MW, 9:30F	Huckins	SE104
-Sec 47			2:30MW, 10:30F	Cabral	Min205
-Sec 48			2:30MW, 10:30F	Maddock	SE104
-Sec 49			2:30MW, 10:30F	Forsythe	SE34
-Sec 50			2:30MW, 10:30F	Voldal	SE33
-Sec 51			3:30MW, 11:30F	Maddock	SE104
-Sec 52			3:30MW, 11:30F	Forsythe	SE31
-Sec 53			3:30MW, 11:30F	Voldal	SE33
210 (Survey of English Lit.)		3	10:30TH, 2:30F	Hudson	Min219
227 (Survey of American Lit.)		3	1:30MW, 9:30F	Hove	Min319
256 (World Literature)		3	9:30MW, 1:30TH	Holmquist	Min418
300 (Humanities)		3	7:30-10:00(p.m.)	Th Holmquist	Min219
315 (The Modern Novel)		3	9:30TH, 1:30F	Schoff	Min304
320 (19th Cent. Amer. Novel)		3	7:30-10:00(p.m.)	W Engel	Min219
324 (Intro. to Applied Linguistics)		3	5:00-7:30(p.m.)	T Hove	Min302
327 (Practice in Criticism)		3	3:30MW, 11:30F	Engel	Min305
339 (Shakespeare to 1600)		3	1:30MW, 9:30F	Schoff	Min314
351 (Adv. English Composition)		3			
-Sec 1			8:30MW, 12:30TH	Ward	Min301
-Sec 2			9:30MW, 1:30TH	Wallum	Min314
-Sec 3			9:30TH, 1:30F	Wallum	Min314
355 (The Technical Report)		3	10:30TH, 2:30F	Cabral	Min205
370 (Spec. Meth. Tchg. English)		3	3:30-4:45TH	Abraham	Min205
400 (Modern British Poetry)		3	10:30TH, 2:30F	Sackett	Min322
406 (Chaucer)		3	7:30-10:00(p.m.)	T Oldknow	Min310
408 (Milton)		3	9:30MW, 1:30TH	Cater	Min301
426 (Studies in Amer. Real. & Nat.)		3	10:30MW, 2:30TH	Cater	Min322
496 (Special Topics)					
-Sec 1 (Phonology)		3	12:30MW, 8:30F	Oldknow	Min322
-Sec 2 (Persp. on the Nat. of Man)		3	7:30-10:00(p.m.)	Th Cater	Min304
-Sec 3 (Middle Eng. Lit.-Drama)		3	2:30MW, 10:30F	Oldknow	Min322
-Sec 4 (Creative Writing-Prose)		3	1:30-4:00T	Hudson	Min310
-Sec 5 (Humanities)		3	7:30-10:00(p.m.)	Th Holmquist	Min219
596 (Spec. Topics-World Lit.)		3	9:30MW, 1:30TH	Holmquist	Min418

LIBRARY SCIENCE

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
121 (Library Usage)		1		Staff	Lib101
-Sec 1			8:30T		
-Sec 2			9:30T		
-Sec 3			10:30T		
-Sec 4			2:30T		
-Sec 5			8:30TH		
-Sec 6			10:30M		
-Sec 7			9:30TH		
-Sec 8			10:30TH		
-Sec 9			2:30W		
-Sec 10			2:30TH		

Department & Subject Prerequisite Cr. Hour & Days Instructor Room

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Library Science-Continued					
305 (Library Administration)		3	By arrgt.	Stallings	Lib236
306 (Book Selection)		3	By arrgt.	Stallings	Lib236
307 (Reference)		3	By arrgt.	Stallings	Lib236
310 (Practice Work-Research Tools)		3	By arrgt.	Stallings	Lib236

MATHEMATICS

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
109 (College Algebra)		5		Staff	
-Sec 1			7:30MTWThF		Min302
-Sec 2			8:30Th, 12:30MWF		Min302
111 (Plane Trig.)		4		Staff	
-Sec 1			7:30MWF		Min319
-Sec 2			3:30MW, 11:30F		Min319
*One of the following lab sections must be taken with Math 111, Sect. 1 or 2.					
-Sec A			7:30M		Min205
-Sec B			8:30W		Min205
-Sec C			9:30T		Min205
-Sec D			11:30T		Min205
-Sec E			1:30T		Min205
-Sec F			11:30M		Min205
-Sec G			8:30F		Min205
-Sec H			2:30T		Min205
-Sec I			10:30W		Min205
-Sec J			1:30F		Min205
-Sec K			9:30Th		Min205
-Sec L			11:30Th		Min205
113 (Intro. to Math. Thought)		3	3:30MW, 11:30F	Staff	Fest. Hall
120A (College Algebra)		3	7:30MTWThF	Staff	SE32
120 (College Algebra)		3		Staff	
-Sec 1			7:30MWF		Min309
-Sec 2			9:30MW, 1:30TH		Min305
-Sec 3			11:30MW, 3:30TH		SE34
121 (College Algebra) Math120		3		Staff	
-Sec 1			7:30MWF		SE36
-Sec 2			7:30MWF		SE35
-Sec 3			7:30MWF		Min305
-Sec 4			7:30MWF		Min304
-Sec 5			7:30MWF		Min202
-Sec 6			9:30MW, 1:30TH		SE104
-Sec 7			9:30MW, 1:30TH		Sud37
-Sec 8			10:30TH, 2:30F		Min304
-Sec 9			10:30TH, 2:30F		Min202
-Sec 10			11:30MW, 3:30TH		Min322
-Sec 11			11:30MW, 3:30TH		SE104
-Sec 12			2:30MW, 10:30F		Min304
122 (Plane Trig.) Math121		3	7:30MWF		

Courses Listed By Colleges and By Departments Within

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Child Development and Family Relations-Continued					
386(Family Relations)		3			
-Sec 1			9:30Th,7:30(p.m.)	Th Klotz	HE229
-Sec 2			10:30Th,7:30(p.m.)	Th Klotz	HE229
-Sec 3			8:30Th,12:30F	Stohler	HE229
486(Family Dynamics)	CDFR383,Soc.201 &390or405or418	3	8:30Th,12:30F	Stohler	HE229
487(Child Dev.&Guid.II)	CDFR383	3	12:30T+6hrs.arrgt.	King HE110,Ceres	
496(Special Topics)6cr	CDFR,SocorPsy.	1-5	By arrgt.	Staff	
496(Special Topics)	CDFR383	3			
-Sec 1 (Tech.for Nursery Sch.Tchr.)			1:30MW,9:30F	King	Ceres
498(Seminar)	12cr.CDFR,Soc.orPsy.	1-3	By arrgt.	Staff	
598(Seminar)	15cr.CDFR,Soc.orPsy.	1-3	By arrgt.	Staff	
FOOD & NUTRITION					
148(Introductory Foods)		5		Sheldon,Braaten	HE29,221
-Sec 1			1:30MW,8:30-10:20MW, 12:30-2:20Th		HE29,221
-Sec 2			1:30MW,2:30-4:20MW, 8:30-10:20F		HE29,221
-Sec 3			1:30MW,8:30-10:20Th, 11:30-1:20F		HE29,221
150(Elem. Nutrition)		3	10:30Th,2:30F	Staples	CE101
249(Adv.Food Sel.&Prep.)	F&N148	4			
-Sec 1			8:30F,10:30-12:20MW	Holm	HE229,206
-Sec 2			1:30-3:20Th		HE229,206
			8:30F,1:30-3:20MW	Staples	HE220,206
			9:30-11:20F		HE220,206
347(Meal Management)	F&N249	3			
-Sec 1			1:30M, 9:30-12:20MW	Challey,Bergland	HE229
-Sec 2			1:30M, 9:30-12:20Th	Challey,Bergland	HE229
-Sec 3			1:30M, 1:30-4:20Th,9:30-12:20F	Challey	HE229
350(Nutrition&Dietetics)	F&N150,249	4	10:30MW,2:30Th	North	HE229
353(Maternal&Child Nutr.)	F&N350	3	9:30MW, 3:30-5:20Th	Staples	HE228
355(Quantity Food Prod.)	F&N347	5	8:30MW,12:30Th	Sheldon	HE229
456(Inst.Org.&Mgmt.)	F&N355	5	10:30-12:20Th	Sheldon	HE221
496(Special Topics)	Dept.appr.	1-5	2:30Th+1hr.arrgt.	Sheldon	HE228
496(Special Topics)			10:30-12:20MW	Staff	HE
-Sec 1 (Pro.&Amino Acid Stud.on Food&Diet)		1	By arrgt.	Nymon	HE221
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	HE
498(Seminar in Nutrition)		1	4:30M	North	HE228
552(Human Digestion)Grad.Stg.orAppr.		3	3:30MW+arrgt.	Nymon	HE228,220
555(Geriatric Nutr.)Grad.Stg.orAppr.		1	4:30M	Nymon	HE228
596(Special Topics) Grad.Stg.orAppr.		1-5	By arrgt.	North,Nymon,Sheldon	HE
596(Special Topics)					
-Sec 1 (Pro.&Amino Acid Stud.on Food&Diet)		1	By arrgt.	Nymon	HE221
597(Research)	Grad.Stg.orAppr.	1-5	By arrgt.	North,Nymon,Sheldon	HE
599(Thesis & Research)GrdStg.orAppr.		8-15	By arrgt.	North,Nymon,Sheldon	
HOME ECONOMICS EDUCATION					
370(Homemaking Ed.inH.S.)	HE272,Ed215	4	1:30MW,9:30-11:20F	Benson	HE110
375(Extension Education)	HEEd.370	3	12:30MW,8:30F	Spidahl	HE33
472(Adult Homemaking Ed.)	HEEd.370or F&N359	3	8:30MW,12:30Th	Ruud	HE110
475(Student Teaching)	HEEd.472	12	By arrgt.	Staff	Off Campus
476(Tchg.Attitudes&Values)	HEEd.370 orAppr.	3	4:30-5:45MW	Ruud	HE110
496(Special Topics)	HEEd.370				
-Sec 1 (Occupational HEc.)		2	9:30Th	Kraft	HE110
497(Research)		1-3	By arrgt.	Staff	
498(Sr.Sem.inHEc.Ed.)	HEEd.475	2	9:30MW	Benson	HE110
597(Research)		1-3	By arrgt.	Ruud	HE107
599(Thesis & Research)		8-15	By arrgt.	Ruud	HE107
HOME MANAGEMENT & FAMILY ECONOMICS					
260(Household Equipment)		3		Witz,Moilanen	
-Sec 1			11:30MW,2:30-4:20M	Age201,210,215	
-Sec 2			11:30MW,2:30-4:20W	Age201,210,215	
261(Consumer Problems)		3		Smith	
-Sec 1			9:30MW,1:30Th		HE229
-Sec 2			9:30Th,1:30F		HE29
262(Household Mgmt. Practices)		1		Hassoun	
-Sec 1 (Alternate Lectures& Labs.)			3:30-5:20Th,1:30-3:20Th		HE29,20
-Sec 2			3:30-5:20Th,3:30-5:20Th		HE29,20
-Sec 3			3:30-5:20Th,7:30-9:20F		HE29,20
361(Family Financial Planning)		2	8:30Th	Holmberg	HE29
461(Home Management)		3	2:30MW,10:30F	Holmberg	HE20
462(Lab.in Home Mgmt.)	HMFE261,262, 461,F&N347	3	7:30MTWTh, 11:30-1:20MTWTh, 4:30-7:20MTWTh(p.m.)	HassounHE20,H.Mgmt.Hse. HE20,H.Mgmt.Hse.	
463(Rdgs.in Home Mgmt.)	HMFE461, Par.462	1	By arrgt.	Holmberg	HE20
496(Special Topics)					
-Sec 1 (Fam.in the Amer.Economy)		3	By arrgt.	Smith	HE20
-Sec 2 (Fam.&Housing Choice)		3	By arrgt.	Holmberg	HE228
-Sec 3 (Home Nursing)		1	4:30T	Jagim	HE20
497(Research)		1-3	By arrgt.	Staff	
TEXTILES AND CLOTHING					
124(Fund.Cloth.Problems)	Pre-test	5		Buehl	
-Sec 1			12:30Th,8:30-10:20MW		HE127
-Sec 2			8:30Th,12:30-2:20MW		HE127
127(Textiles)		3		Williams	
-Sec 1			9:30MW,10:30-12:20M		HE29,33
-Sec 2			9:30MW,10:30-12:20W		HE29,33
-Sec 3			9:30MW,1:30-3:20T		HE29,33
-Sec 4			9:30MW,7:30-9:20W		HE29,33
128(Fund.Cloth.Problems)	Pre-test	3		Litherland	
-Sec 1			11:30F,3:30-5:20MW		HE128
-Sec 2			8:30F,11:30-1:20Th		HE128
226(Intermed.Cloth.Problems)	T&C124, 128or129,Art111	3		Rising	
-Sec 1			2:30Th,10:30-12:20MW		HE128
-Sec 2			9:30F,1:30-3:20MW		HE128
323(Flat Pattern Tech.)	T&C226	4		Reynolds	HE127
			10:30-12:20MW,2:30-4:20Th		HE127
325(Cloth.for Pre-School Child)	TC124, 128or129	3	1:30Th,8:30-10:20MW	Rising	HE128
326(History of Costume)		3	9:30MW,1:30Th	Reynolds	HE33
328(Textile Economics)	T&C127	2	11:30Th	Janecek	HE33
426(Tailoring)	T&C129or226	3	2:30-4:20MW, 10:30-12:20F	Reynolds	HE127
496(Special Topics)Sr.Stg,Dept.appr.		1-5	By arrgt.	Staff	
496(Special Topics)Sr.Stg,Dept.appr.					
-Sec 1 (Tailoring Women's Pts.)		3	8:30-10:20Th, 12:30-2:20F	Litherland	HE128
-Sec 2 (Illust.Materials)		2	10:30Th+arrgt.	Rising	HE130
-Sec 3 (Costume of Tex.of SE Asia)		3	8:30F,12:30-2:20T	Reynolds	HE29
-Sec 4 (Illust.Materials)		3	10:30MW+arrgt.	Buehl	HE130

COLLEGE OF PHARMACY

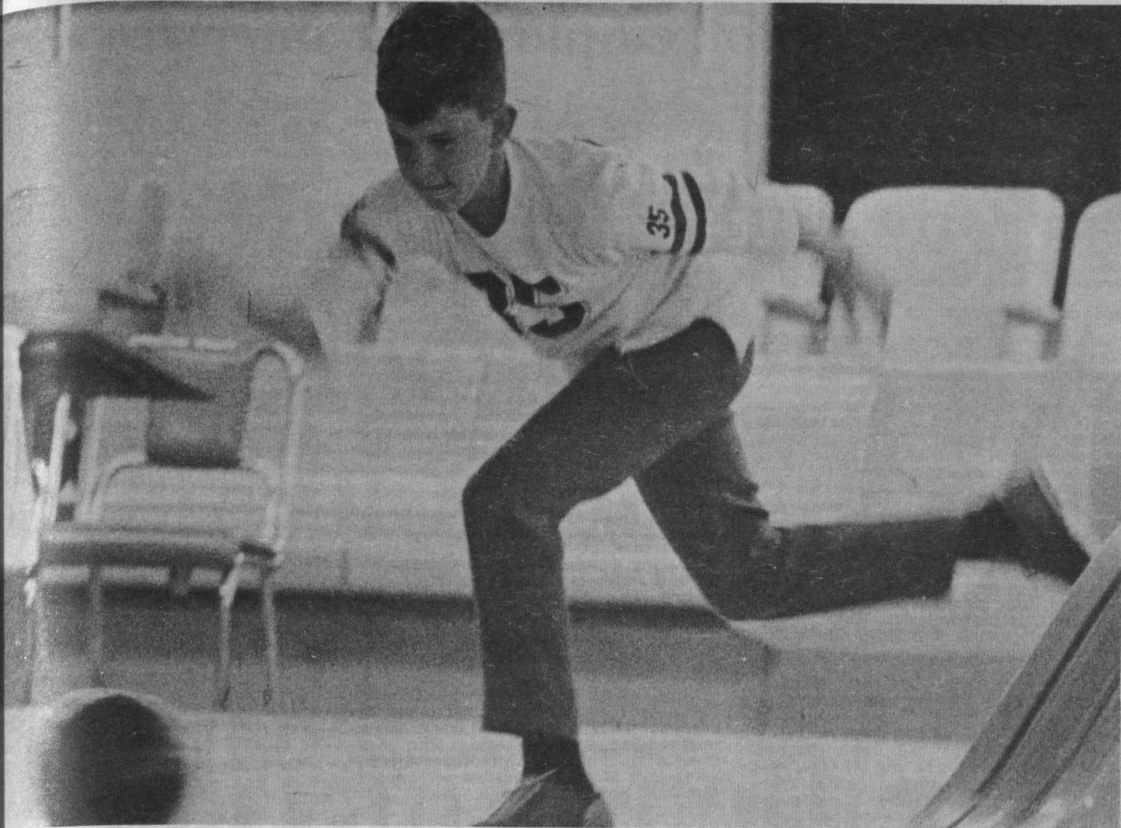
PHARMACEUTICAL CHEMISTRY AND BIONUCLEONICS

347(Bio-Pharmacy)	Chem.394	4	9:30Th,1:30F	Nobles	Sud120
-Sec A			10:30-1:20M	Schreibman	Sud5
-Sec B			2:30-5:20T		Sud5
-Sec C			10:30-1:20W		Sud5
-Sec D			2:30-5:20Th		Sud5
-Sec E			2:30-5:20F		Sud5
440(Pharm. Isotope Tech.)8cr	Phy,Trig	3	7:30MW	Harris	Sud120
456(Medicinal Chemistry)	Ph.Ch.455	4	1:30MTW,9:30F	Shelver	Sud120
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud37
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	Sud37
536(Adv.Medicinal Chem.)	Dept.appr.	3	By arrgt.	Shelver	Sud37
563(Bionucleonics)	Ph.Ch.562	3	By arrgt.	Vacik	Sud37
571(Isotope Tracer Tech.)	Ph.Ch.570	4	By arrgt.	Harris	Sud37
596(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud37
597(Research)	Dept.appr.	1-5	By arrgt.	Staff	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	10:30Th,3:30MW	Schermeister	Sud120
-Sec A			2:30-5:20T	Walter	Sud221
-Sec B			2:30-5:20Th		Sud221
-Sec C			2:30-5:20F		Sud221
404(Hydro.Cult.ofMed.Plts.)	Phcog.360	3	By arrgt.	Schermeister	Sud218

Department & Subject	Prerequisite	Cr.	Hour & Days	Instructor	Room
Pharmacognosy-Continued					
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud218
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	Sud218
516(Methods in Phcog.)	Ph.552	4	By arrgt.	Staff	Sud218
596(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud224
597(Research)	Dept.appr.	1-5	By arrgt.	Staff	Sud224
599(Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud218
PHARMACOLOGY					
311(Introd.Pharmacology)	Phcol.310	4	8:30Th,12:30F	Tanner	Sud120
-Sec A			9:30-12:20M		Sud205
-Sec B			2:30-5:20M		Sud205
-Sec C			9:30-12:20T		Sud205
-Sec D			2:30-5:20Th		Sud205
412(Pharmacology)	Phcol.411	4	7:30MTWTh	Glenn,Reopelle, Tanner	Sud208
496(Special Topics)					
-Sec 1 (Chemotherapeutics)	Phc.411	3	By arrgt.	Glenn	Sud208
-Sec 2 (Environmental Ph.)	Appr.	3	By arrgt.	Lawrence	Sud208
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud208
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	Sud208
502(Adv. Pharmacology)	Dept.appr.	5	By arrgt.	Glenn,Reopelle,Tanner	Sud208
507(Bioassay Tech.)	Dept.appr.	3	By arrgt.	Reopelle,Tanner	Sud208
511(Anal.Toxicology I)	Dept.appr.	3	By arrgt.	Prouty,Rao	Sud208
596(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud208
597(Research)	Dept.appr.	1-5	By arrgt.	Staff	Sud207
598(Grad. Seminar)	Dept.appr.	1	By arrgt.	Staff	Sud208
599(Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud207
PHARMACY					
209(Emergency Treatment)		1	2:30-5:00T	Miller	Sud120
222(Cosmetic Prin.&Tech.)	Ph.221	4	10:30MW,2:30Th	Norquist	Sud224
			9:30-12:20F		Sud111
275(Pharm. Calculations)		4	7:30MTWTh	Henderson	Sud37
381(Pharm.Preps.&Theor.Prin.)	Ph.380	4	8:30MW,12:30Th	Ozbum,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
473(Manuf. Pharmacy)	Ph.472	3	By arrgt.	Henderson	Sud37
481(Prescriptions)	Ph.480	5	11:30MW	Sleight,Strommen	Sud120
-Sec A			8:30-11:20MW		Sud107
-Sec B			2:30-5:20MW		Sud107
-Sec C			2:30-5:20Th		Sud107
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud120
496(Special Topics)	Dept.appr.				
-Sec 1 (First Aid Instr.Crse.)		2	2:30-4:20Th	Miller	Sud120
-Sec 2 (Health Center)		1	By arrgt.	Sleight Health Center	
497(Research)	Dept.appr.	1-3	By arrgt.	Staff	Sud109
498(Seminar)	Dept.appr.				
-Sec 1		1	By arrgt.	Miller	Sud120
-Sec 2		1	By arrgt.	Norquist	Sud120
501(Prod. Formulations)	Dept.appr.	3	By arrgt.	Henderson	Sud37
544(Hosp.Pharm.Residency)	Dept.appr.	R	By arrgt.	Staff	Sud120
551(Pharm.Chromatography)	Dept.appr.	3	By arrgt.	Vincent	Sud120
596(Special Topics)	Dept.appr.	1-5	By arrgt.	Staff	Sud120
597(Research)	Dept.appr.	1-5	By arrgt.	Staff	Sud109
599(Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud109
PHARMACY ADMINISTRATION					
240(Pharm. Accounting)	Soph.Stg.	3	11:30MW,3:30Th	Haakenson	Sud208
335(Prof.&Public Relations)		2	7:30WF	Haakenson	Sud224
450(Pharm. Mgmt.)	Ph.Ad.240,307	4	11:30Th,12:30WF	Haakenson	Sud208
496(Special Topics)	Dept.appr.	1-5	By arrgt.	Haakenson	Sud208
497(Research)	Dept.appr.	1-3	By arrgt.	Haakenson	Sud208



Marlo Nelson uses Games Area facilities during Sunday's Family Day. Family Day was co-sponsored by the Student Activities Board and the Union and featured reduced rates, films and a buffet luncheon.

New music chairman directs concert choir, plans trips

by Elise Bettschen

Dr. Edwin R. Fissinger, new chairman of the music department, came to NDSU from the University of Illinois, Chicago. He had been chairman of the music department at Chicago for ten years, besides conducting various choral groups.

Fissinger received his bachelors degree and his masters from the American Conservatory of Music in Chicago. He earned his doctorate from the University of Illinois at Urbana.

A well-known composer, Fissinger received a commission last year from the International Congress of Sacred Music to compose a choral work for their annual meeting. He has done much work in the field of choral editing. At the present time he is editing Parkway Choral Series for Westwood Press.

Here at NDSU Fissinger directs the concert choir. On Tuesday, Nov. 7 the choir made its first

appearance under his direction when it sang for a banquet for Cass County 4-H leaders. The Christmas Concert, given by the concert choir in conjunction with Oratorio Society, will be Dec. 17.

In discussing future plans for the choir, Dr. Fissinger said that it would be taking an extensive Eastern tour next spring. This would be in addition to a brief tour of the southeastern part of North Dakota. Dr. Fissinger also talked about "our tentative plans to make another European tour in the summer of 1969."

"Since coming to NDSU I've been very pleased with the students with whom I've been associated and in particular with the concert choir," said Fissinger. The choir has evidenced a wonderful attitude and has worked extremely hard. I'm very confident that they will become an outstanding college choir."

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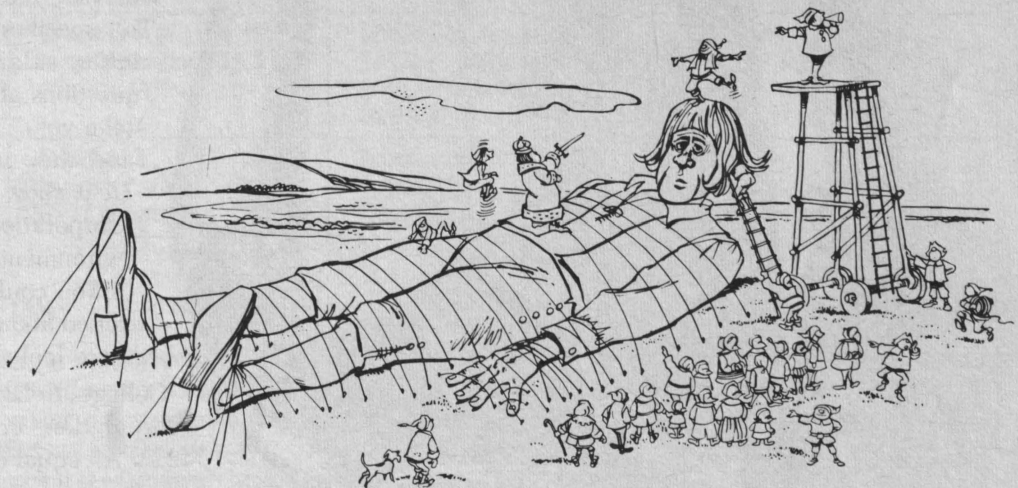
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Placement office announces opportunities for employment interviews

Thurs. and Fri., Nov. 16 & 17 —

U. S. Forest Service offers a variety of job assignments to graduates majoring in engineering, agricultural sciences and education. A representative from the Dickinson Job Corp Center will interview education majors for teaching and counselor positions. Mr. William Hatch will interview soils, range management majors and other senior students interested in the Forest Service Administration training program.

Thursday November 16 —

Modine Mfg. Co., Racine, Wis., manufactures and distributes heat transfer products. Modine is the largest independent manufacturer of automotive radiators relating their head trans-

fer equipment to transportation, heating and air conditioning fields. Assignments include Development, Process and Sales Engineering. Citizenship requested.

Gulf Oil Corporation, Huston, Texas, will send Mr. Don Williams to interview students from four basic educational areas - Agricultural Economics, Agronomy, Electrical and Electronic Engineering, and Mechanical Engineering. U. S. operations offer assignments in chemicals, refining, production, transportation and marketing. Citizenship is required.

Northern State Power Co. offers a variety of openings to graduating electrical, mechanical, and civil engineering students. Assignments include work on power plant facilities, substations and transmission lines, instrumentation and control work, field engineering and gas plant operations. Industrial sales openings are also available to interested students.

Minnesota Civil Service will send Mr. Joe Eastman and Donald Wecklund to interview civil engineering seniors for positions located throughout the state of Minnesota.

Friday, November 17 —

U. S. Naval Missile Center, Point Mugu, Calif., offers electrical and mechanical engineering students research, development, design and evaluation assignments. Physics graduates are invited to interview for a research program including a one year training program. The scientific and flight test facilities offer many interesting areas of work. Citizenship required.

Monday, November 20 —

L. T. V. Aerospace Corp., Dallas, Texas is an electronic aerospace organization, involved in the development of command and control aircraft, tactical warfare systems, aircraft and maintenance. Graduating engineers may qualify for assignments in propulsion, guidance, aerodynamics, systems design, automatic controls, etc. All technical graduates are welcome. Citizenship required.

Commonwealth Associates, Jackson, Michigan, is a consulting and design engineering firm serving clients in electrical power systems planning, design of electrical generating plants, substations, transmission lines, industrial and office buildings including architectural design.

General Motors - Inland Division, Dayton, Ohio, will be represented independently. They manufacture a wide variety of automobile accessories and parts for the open market. Products include steering wheels, seat covers, cements and sealing compounds, rubber and plastic parts for automobile and domestic appliance and misc. speciality parts. All technical students are welcome to interview for R & D and production assignments.

United Capital Life Insurance Company of Minnesota offer sales openings with definite management opportunities. Formal training is provided.

Tuesday, November 21 —

Pure Oil will send representatives from American Mineral Spirits Company which is the marketing arm for Petrochemical products. The company is seeking young men interested in marketing positions with job locations in major cities East of the Rockies. Parent organization is Union Oil Company of California. Citizenship is required.

Factory Mutual Engineering, Milwaukee, Wis., is a fire insurance company seeking engineering graduates for field positions involving loss prevention and inspection positions. District offices are located in major cities of the U. S. and Canada.

Great Northern Railway will be recruiting college graduates for a corporate management training program preparing young people for managerial and supervisory assignments in the future. The training program is two years in length followed by assignments to a permanent department of the company. All interested students are welcome to interview.

Link - Belt Speeder, Cedar Rapids, Iowa, seek engineering graduates for student design, manufacturing, plant engineering and marketing. The company designs and manufactures a complete line of shovel cranes with speedomatic power controls. Mr. C. M. Luckey will interview.

Wednesday, November 22 —

U. S. Department of Agriculture, Office of Inspector General, is re-

sponsible for the audit and investigation activities in all operations of the Department of Agriculture. All students with education or experience in the fields of accounting, auditing, economics or business administration of management engineering are invited to interview. Citizenship is required.

The Bay, Portage and Memorial, Winnipeg, Manitoba, seek contact with all Canadian and American citizen students interested in the retail industry. Graduates receive training in merchandizing with possible promotions to select areas of advertising, display or general supervision.

Soil Conservation Service offers assignments to graduating civil engineering students, soil scientists, conservationist and agriculture economists. All students will be considered for both local and national openings. Mr. Thomas Abshire, State Administrator for S.C.S. will be on campus to visit with students. Summer employment will also be discussed with undergraduate students.

Kodak Company, Rochester, New York, will make a visit to campus seeking interviews with chemistry and engineering students. Typical work areas would include electronics, optics and solid state for new photographic products and equipment. Chemists may work in fundamentals of photographic processing and testing of manufactured products. Permanent visas or citizenship requested.

U. S. Govt. Food and Drug Administration seek graduating students to fill laboratory and inspector positions. Chemistry majors qualify for laboratory assignments while limited biological positions. All interested students and background is requested for inspection welcome to interview. Citizenship required.

National Cash Register Company offers total systems for business and finance encompassing electronic data processing supplies and functional paper products. Engineering and mathematics students interested in programming are invited to interview. Non-technical graduates will be considered for sales positions.

Sheehy Construction Company, St. Paul, Minnesota offers possible employment to all students seeking entry into the construction field. Students need not be qualified architects or engineering graduates but they must be motivated to the construction business. All interested students are welcome.

Tues., Wed., & Thurs., November 28, 29 & 30 —

Bell System — offers employment and training to both technical and non-technical graduating students. Northwestern Bell Telephone offers management training to both engineering and economics students. Well qualified female graduates will also find opportunities with the company. **Western Electric** and **Bell Laboratories** are primarily interested in engineering graduates, some of whom qualify for graduate development programs leading to attainment of master degrees while employed at company expense.

Tuesday, November 28 —

Farmers Home Administration offers assistant county supervisory positions to students graduating from the college of Agriculture. Summer employment opportunities will also be offered to agriculture students who have completed one year of academic work. All interested students should register for a personal interview with Mr. Bernie Kylo.

Wednesday, November 29 —

George Marshall Space Flight Center, Huntsville, Alabama, is concerned with launch vehicles of the Saturn and Nova class. The center is organized in Research and Development operations consisting of light laboratories and industrial operations. They offer engineering and mathematics graduates at all degree levels challenging assignments. Citizenship required.

County of Los Angeles, offers engineering assignments in phases of public works and municipal engineering. Starting salaries will be \$755 for BS degree and \$797 for MS degree graduates. Non-citizens may interview if they hold immigrant visas.

Johnson Service Company designs, manufactures and installs climate control systems. They have a number of field engineering assignments available which will eventually lead to design layout responsibilities. Engineering personnel do negotiate contracts and supervise installations.

Thursday, November 30 —

Ellerbe Architects of St. Paul, Minn. offer design assignments to architectural and engineering graduates. The organization has fifty years experience in designing public and industrial buildings. A primary need is for mechanical engineering graduates interested in heating, ventilating and conditioning systems.

R. J. Reynolds Tobacco Company offers career opportunities in the areas of sales, marketing, management. Automobiles are furnished. Field marketing personnel in addition to a liberal benefit plan. Mr. R. Workman will be interviewing interested students.

Raven Industries, Sioux Falls, South Dakota, is a diversified company nationally known for the production of high altitude research balloons. Raven produces a variety of other plastic film and fabric products, parachute instrument bags, radomes and fibreglass containers. They also develop and manufacture electro-mechanical equipment. They seek engineering graduates for design, development and manufacturing assignments.

Thurs. & Fri., Nov. 30 & Dec. 1

Boeing Company offers engineering and mathematics majors assignments in research, development, design, and service areas such as aerodynamics, structures mechanical and electrical systems and others. Citizenship and permanent residence status required.

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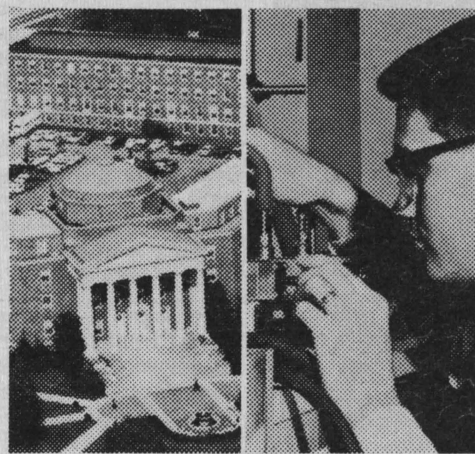
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CAMPUS INTERVIEWS
November 20, 1967

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NOL offers you a graduate study program that is one of the largest and most productive programs in the country. Each year members of our professional staff receive M.S.'s or Ph.D.'s through this program. NOL has a significant advantage in its proximity to the University of Maryland. Many NOL staff members hold permanent part-time positions on the Maryland faculty, and graduate level courses are taught at NOL every semester. Maryland also offers many courses on its own campus—only minutes away—at times which are convenient to and keyed to the special requirements of NOL.

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PROGRAM	COMPETITION	ADMITTANCE	SUPPORT
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Graduate Work-Study	Recent college graduates in certain engineering & scientific fields.	Selected by Personnel Officer . . . admission to local graduate school for M.S.	Full salary, tuition, books & fees . . . 2 days each week devoted to study and classes for 2 years maximum.
Intermediate Graduate Study	Recent college graduates in certain engineering & scientific fields.	Selected by Personnel Officer . . . admission to graduate school . . . an honors program.	Full tuition, books, fees, travel per diem & 1/2 GS-7 salary . . . (over \$3800) . . . 2 semesters full-time.
Advanced Graduate Study	Scientists & Engineers, grade GS-11 and above.	Selected by NOL Training Committee.	Full tuition, books, fees, travel, per diem, & full salary for 2 semesters.

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Mechanical Engineers—conceptual design and development of warhead safing, arming and target-detecting devices for tactical and strategic missiles, underwater weapons, vehicle structures, and mechanical or electromechanical time and motion-sensing mechanisms.

Electronic Engineers—design, development and evaluation of underwater communications and detection systems, weapons guidance systems, influence fuzing, air-borne mis-

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Bison cagers face toughest schedule ever

by Mike Kihne

Bison cagers kick off the 1967-68 season with a five-game road trip which will put the team well into the toughest schedule ever faced by an NDSU basketball team.

The season opener will be played at Concordia on Dec. 1 with

another contest the following evening with the Moorhead State College club.

NDSU will be challenging teams on their road trip such as Tulsa, Oklahoma, Houston, Texas, Pan American College of Edinburg, Texas, and Kansas State University.

Bison Coach Doug Cowman will be looking for replacements for seven lettermen lost from last year's team. The loss of Bob Maier, all-conference guard during the 1965-66 season, and Gerry Suman, a two-year all conference performer are but two of the positions Cowman will have to find able replacements for.

Other lettermen lost from last year are Joe Schaeffer, Kerry Griffin, Charles Evert, Bob Erickson, and Dick Salvi.

On the bright side of things, five returning lettermen and eight newcomers have the capability of giving the Bison another winning season under Coach Cowman.

Cowman is looking for good efforts from last year's two starting forwards, Ron Schlieman and Ron Waggoner. He rates them as being as good a pair of forwards as could be found in the loop a year ago.

Schlieman, an all-conference forward last year, held down the second spot in team scoring with a game average of 14.8 points and a total of 355 points for the season.

Waggoner, who averaged 11.6 points per game, was second high in team rebounding with 227 rebounds and a game average of 9.5.

Other returning lettermen are Palma Chandler, who will be starting at a guard spot, Don Kyser and Gene Anderson. Kyser and Anderson will be seeing much action this year also.

Jim Lacey a 6-8 junior center, will most likely be the prime candidate for the center spot. This will be the first season for Lacey as a Bison cager.

Other newcomers on the varsity squad are Mitche Felchle, Dick Marsden, John Kaeding, Norm Gullingsrud, Bob Ruhland, Mike Bofferding and Joe Roller.

The Bison will have fair team height with the team average being 6-4. Chandler is the only cager of the thirteen who stands under 6-1. It is thought that, although having a boost in height, the Bison may suffer somewhat of a loss in speed over last year's club.

With the influx of newcomers and a few question marks to be cleared up by Coach Cowman, any predictions of the team's outcome in the upcoming season will have to wait through the upcoming road schedule.

Cowman experienced a winning season last year with the Bison, compiling a 13-11 over-all record and a second-place tie in conference play.

Sports Corner



by Mike Kihne

FOOTBALL FACTS AND FIGURES

In looking over the final statistics of another successful Bison football season, several interesting facts and figures come to the surface (for those of you who are interested in facts and figures).

In amassing 2696 total yards rushing to the opponents 774 yards we find the Bison had averaged a very respectable 4.8 yards per carry to the oppositions 2.3 yard average. Opponents lost 300 yards rushing during the season.

NDSU passed for 1172 yards and a .517 percentage. While opponents followed closely with 1059 yards and a .425 percentage, the Herd intercepted 20 passes to 6 for opponents.

The Bison exhibited an average-per-game yardage of 428.8 yards over twice the yardage for opponents, who managed 203.3 yards.

The Bison found it necessary to return only one-third as many kickoffs as their opponents, indicative of the efficient Bison offense.

The Bison scored 50 touchdowns, distributed among twelve Bison players, 39 were by rushing and seven by passing. The Bison gave up only 14 touchdowns.

The Herd totaled 353 points for the season with a 39.2 point-per-game average. The tough Bison defense gave up an average of 10 points per game and a total of 98 points.

In the final conference scoring race, NDSU finished with six players of the 16 in the conference who scored 18 points or more. UNI and Augustana were tied for runners-up with three players each in the top 16 spots.

Tim Mjos and Ken Rota, with eight conference touchdowns apiece were tied for second place honors in the conference scoring race. These two halfbacks accounted for over half of the Bison touchdowns this season.

Del Gehrett led the club in interceptions with five for three touchdowns. Next in line in that department are George Kallenbach with four, Steve Krumrei with three, and Steve Conley with two. However, a lineman holds the honors for the longest interception return. Joe Pomykacz was dropped just short of the goal line on 53-yard return.

The second quarter was the Bison's best. During that quarter they scored more points than any other quarter (110) and held the opponents to their lowest output in any quarter (7). Average attendance for Bison home games was about 9,200.

BASKETBALL PREVIEW

You basketball fans will have a chance to see what both the varsity and freshman teams look like for the first time this year Monday night. Let's start the season off right with a large crowd over at the Fieldhouse for the battle.

SPORTSWRITERS WANTED

Anyone interested in doing some writing for the sports pages of the Spectrum can contact me at the Spectrum office or by calling 237-6745.

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Intramural volleyball action

Thirty-six teams saw action last week as intramural volleyball got off to a start. All teams are playing two games each week to enable basketball to get off to an earlier start than would otherwise be possible.

BRACKET 1:

Winners	Losers
High Rise 3	Sigma Nu
ATO 2	Theta Chi 2
ASCE	AGR 2
Churchill	ASAE
High Rise 3	Kappa Psi 1
Sigma Nu	Theta Chi 2
Churchill	ASCE
Kappa Psi 1	AGR

BRACKET 2:

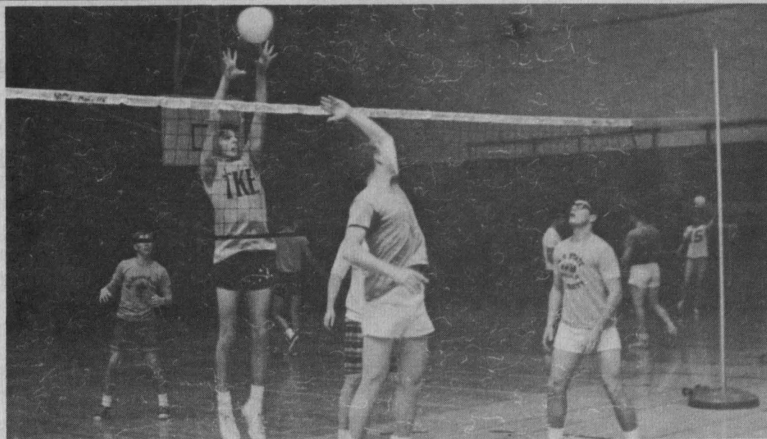
SAE 2	SPD
Chem. Club 1	SAE 2
Coop 1	SPD
Chem. Club 1	Sigma Chi 1
Coop 1	Ceres
Lettermen	Ceres
APHA	AGR 1*
Sigma Chi 1	AGR*
*Loss by forfeit	

BRACKET 3:

TKE	High Rise 2
YMCA	Stockbridge
Coop 2	Gamma Delta
KME	SAE 3
Coop 2	SAE 3
YMCA	Gamma Delta
Stockbridge	TKE
High Rise 2	Reed 1

BRACKET 4:

Chem. Club 2	High Rise 1
ATO 1	Sigma Chi
Theta Chi 1	Johnson
SAE 1	Kappa Psi 2
Theta Chi 1	ATO 1
High Rise 1	Sigma Chi 2
SAE 1	Chem. Club 2
Kappa Psi 2	Reed 2



Tau Kappa Epsilon and Stockbridge battle in Thursday night intramural action.

Orchesis tryouts are set for 6:30 p.m. tonight at the Fieldhouse.

Orchesis is an organization of modern dance and is supervised by Marilyn Nass, physical education instructor.

Interested students are encouraged to attend tryouts.

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FOLLOW THE THUNDERING HERD

Dear Students,

It's time to start thinking about all of the Holiday Festivities coming up soon and I'm sure you realize the importance of looking your best for them.

As Cambridge Shop Mgr., may I extend a sincere invitation, that you can drop by and examine our stock of what has been acclaimed the finest selection of traditional clothing in the area.

The sport outfit pictured, features a British cut jacket with matching tweed vest and coordinated trousers. It's a natural for those Christmas and New Year's get-togethers.

So, stop in and make yourself at home while taking a look at these and many other handsome apparel ideas. I'll be looking forward to meeting you.

Sincerely,
Kendall Scott



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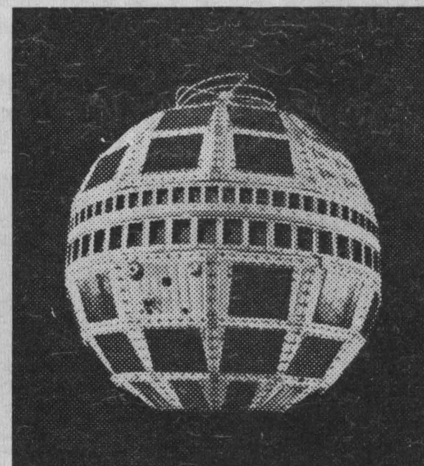
With each day, Bell System Communications become more important to homes, businesses and defense.

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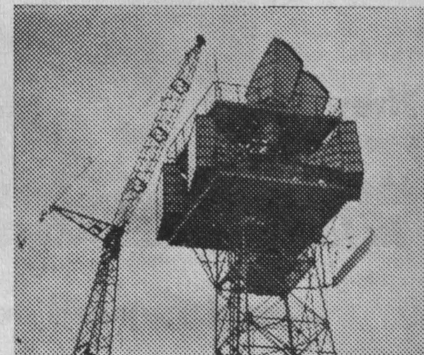
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Why Not Make Your Appointment Today?

The man in the purple turban

by John Doppler

Who is the distinguished looking gentleman in the purple turban, the turned up shoes, and the black beard? His name is Amarjit Singh and he comes to NDSU from New Dheli, India, to obtain his masters degree in Industrial Engineering.

But why the beard and the turban?

To understand this, one must go back in history about three centuries, when a Moslem king by the name of Aurangzab took over India and decided that Hindus had not seen the light. He gave the people of the Hindu religion an ultimatum, "Either become a Moslem or have your head cut off!"

Since it has not usually been one of man's characteristics to suffer religious suppression without some opposition, many Hindus rebelled. Under the direction of the Tenth Gurur (which means saint) Gobind Singh, many members of the Hindu religion rallied together to oppose King Aurangzab.

To better distinguish his people from others, Guru Gobind Singh designated them to be called the Sikh religion. He distinguished them further by having them let their hair and beards grow. To keep their hair in place, they all wore turbans which also served as head protection.

Since the sword was the major weapon, all the members of the Sikh religion wore an iron bracelet or guard on their right wrist to protect their fighting arm. They all wore knee-length pants, carried a sword at their side, and wore a comb to keep their hair in place.

These were known as the five "K's" or the five "musts" to which every member of the Sikh religion conformed. "Kaise" in Indian means beard and hair and is associated with the turban. "Kara" is the iron bracelet. "Kirpan" means the sword at the side. "Kach" is the knee-length half-pant, and "Kanga" is the wooden comb worn under the turban.

Once a member of the Sikh religion, a man vowed to protect the Hindu religion by fighting the Moslem king and to be beheaded rather than become a Moslem.

This religion and its traditions have survived to the present time in India, and it is to this religion and tradition which Mr. Singh conforms. To this day, members of this group are known as warriors or good fighters and excel in sports, technical jobs and hold many posts of responsibility in the Indian Government.

The Sikh religion is composed of only four fifths of one per cent of the Indian population and yet

they comprise nearly one third of all the armed forces in India. In the upcoming Olympics in Mexico, 70% of the Olympic team members from India are of the Sikh religion.

Although, as Singh states, many members do not follow the five "K's" completely anymore due to convenience, he continues to do so. If one looks at Singh's right wrist, he will notice a thin band of iron, symbolic of the thick band of iron worn by his ancestors. He carries a small sword according to tradition, and wears the "half pant" beneath his "long pants." The beard and the turban are readily apparent and he always carries a comb.

This 25 year old bachelor left India where he was working as a district manager for an Indian Oil Corporation. He obtained a two year leave of absence to acquire his masters degree, but plans to work in the U. S. for a few years before going back to India.

Singh felt fortunate in being forewarned of the cold climate to which he was coming, but other members of that climate, upon arriving here, received a shivering shock, and extend their gratitude to the YMCA clothing bank and people of the Fargo area for supplying them with warm winter clothing.



Singh lunches with another foreign student in the Union State Room.

MAIL TO:

SCHEDULE FOR EXAMINATION WEEK

Fall Quarter, 1967

Final Examinations outside of this Schedule are NOT permitted Except in 1 Credit Hour Courses

Time for Final Examination	For Classes using the following 3 Hour Schedule Patterns.	Sequence
Monday, December 4	7:30- 9:30	7:30 T Th F
	10:00-12:00	1:30 M W
	1:00- 3:00	3:30 T Th
	3:30- 5:30	9:30 T Th
Tuesday, December 5	7:30- 9:30	12:30 M W
	10:00-12:00	11:30 T Th
	1:00- 3:00	3:30 M W
	3:30- 5:30	8:30 M W
Wednesday, Dec. 6	7:30- 9:30	10:30 M W
	10:00-12:00	7:30 M W
	1:00- 3:00	8:30 T Th
	3:30- 5:30	1:30 T Th
Thursday, Dec. 7	7:30- 9:30	2:30 M W
	10:00-12:00	12:30 T Th
	1:00- 3:00	11:30 M W
	3:30- 5:30	10:30 T Th
Friday, December 8	7:30- 9:30	9:30 M W
	10:00-12:00	2:30 T Th

*Classes meeting at 4:30 should schedule final exams with 3:30 T, Th and/or the 2:30 T, Th sequences.

PLEASE NOTE:

- "Incomplete" grades in classes other than special problems, thesis research or investigation courses are **permissible only in case of illness or an equally valid reason.** Such incomplete grades require approval of the Dean on the instructor's class roll.
- Final grades are due in the Registrar's Office **48 hours after each final.** All grades in all courses are due **not later than Monday, December 11, at 8:00 a.m.**
- Be sure to write **specific descriptive titles on class rolls** for 496, 497, 596, 597 and 599 courses.

WINTER QUARTER REGISTRATION

Students in attendance Fall Quarter must register during the registration period, November 27 to December 1. There will be a registration period on December 8th from 1:00 to 4:00 p.m. in the Departmental Offices for new students and for returning students in attendance Fall Quarter. Classes begin December 11th.

FARGO NOW CONT. SHOWS DAILY FROM 1:15
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Terry Turner [above] of San Jose, Calif., working in a castle

Jobs in Europe

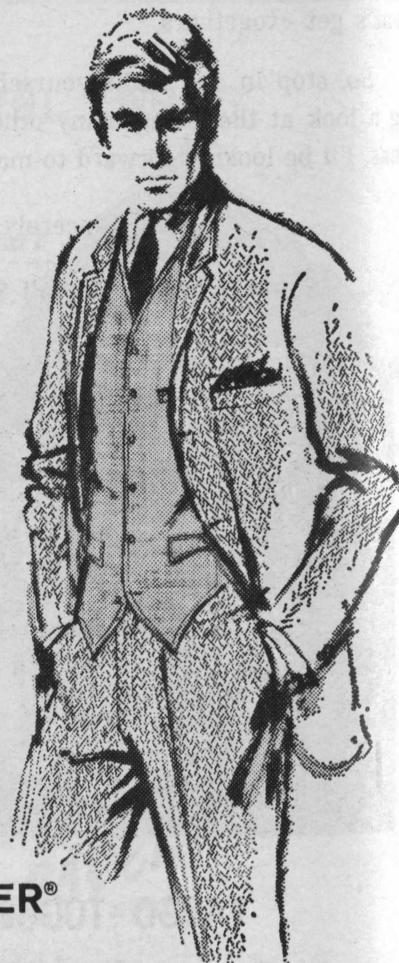
Luxembourg—American Student Information Service is celebrating its 10th year of successful operation placing students in jobs and arranging tours. Any student may now choose from thousands of jobs such as resort, office, sales, factory, hospital, etc. in 15 countries with wages up to \$400 a month. ASIS maintains placement offices throughout Europe insuring you of on the spot help at all times. For a booklet listing all jobs with application forms and discount tours send \$2 (job application, overseas handling & air mail reply) to: Dept. O, American Student Information Service, 22 Ave. de la Liberté, Luxembourg City, Grand Duchy of Luxembourg.

Cover your busy campus schedule

A full session of classes plus a part-time job, and a few nights of socializing thrown in. Let Cricketeer take you through it all... keep up appearances with a Cricketeer beefy wool tweed suit in new Fall colorings. And, the matching vest reverses to a solid color hopsack weave. Add a contrasting pair of Cricketeer slacks for a complete campus wardrobe that will take your weekends in great stride, too.

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