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The University of Akron Faculty Senate Chronicle

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Faculty Senate Chronicle April 1, 1975

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AU Chronicle

a report to the faculty of
the university of akron



1974-75, No. 7 (22 pages)

April 1, 1975

SPECIAL DATES

- April 1 Concert by Munich Boys' Choir, Thomas Hall, 8:15 p. m.
- April 3 Adjourned Regular Meeting of University Council (from March 20, 1975),
Warren W. Leigh Hall, Room 307, 3 p. m.
- April 6 World-at-Our-Door Travel Series, William Stockdale on "Pathways through
Literary England", John S. Knight Auditorium, 2 p. m.
- April 10 Town and Gown Lecture, Mayor Charles Evers speaking in Thomas Hall, 8:15 p. m.
- April 11 Paul Taylor Dance Theatre, Thomas Hall, 8:15 p. m.
- April 12 Concert by University Symphony Band, Thomas Hall, 8:15 p. m.
- April 13 Spanish RTV Orchestra of Madrid, Thomas Hall, 3 p. m.
- April 17 Regular Meeting of University Council, Warren W. Leigh Hall, Room 307, 3 p. m.
- April 29 Concert by Akron Symphony Orchestra with Horacio Gutierrez, Thomas Hall, 8:15 p. m.

CAMPUS COMMITTEES

Sesquicentennial Committee

The University of Akron has been requested to participate in the City of Akron's Sesquicentennial Community Exposition, July 4-6, 1975, and related events during this anniversary year. President D. J. Guzzetta has appointed Mr. George Ball as chairman of this Sesquicentennial Committee, with Miss Alberta Hensley to serve as secretary. The other members of the committee are Mr. Frank Bradshaw, Dr. Don Gerlach, Dean Richard Hansford, Mrs. Charlotte Hanten, Dr. George Knepper, Dr. A. E. Misko, Mr. John Owen, Mr. H. Paul Schrank, Jr., and Dr. John Watt. Dr. Gerlach is also chairman of the University's Bicentennial Committee.

OBR Personnel Management Manual

As recommended in the Ohio Board of Regents Personnel Management Manual, a new committee has been appointed by President D. J. Guzzetta with equal representation from faculty and administration to review periodically the recommendations contained in the Ohio Board of Regents Personnel Management Manual. The membership of this group is comprised of Mr. William Doyle, Dr. Ali Fatemi, Dr. Ruth Lewis, Dr. Frederick Moyer, Dr. Charles Poston, Dr. William Rogers, Dr. D. C. Thorn and Dr. John Watt. The group will elect its own chairman, after the first meeting is convened by Dr. Watt.

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MINUTES OF ADJOURNED REGULAR MEETING OF UNIVERSITY COUNCIL (from February 20 and 27, 1975), March 13, 1975.

The adjourned regular meeting of the University Council (from February 20 and 27, 1975) was called to order by the Chairman, Vice President Noel Leathers, at 3:05 p.m. on Thursday, March 13, 1975 in Leigh Hall (Business Administration Building) 307.

Forty-seven of the 66 members of Council were present. Those absent with notice were Mr. C. Baker, Dr. C. Carrino, Dr. C. Griffin, Dr. D. J. Guzzetta, Mr. K. Gwyn, Mrs. H. Livingston, Dr. I. MacGregor, Dr. H. Pinnick, Dr. C. Poston, Dr. T. Sumner. Others absent were Dr. C. Barresi, Dr. B. Bayless, Mr. D. Jenkins, Dr. P. Merrix, Dr. E. Naes, Mr. C. Salem, and Mr. W. M. Sremack. There were no reports due from the chairmen of the Faculty Rights and Responsibilities Committee and of the Faculty Well-Being Committee, and Drs. M. Moore and J. Richardson (ex officio members of the Council) were not present.

Dr. Leathers introduced Mr. David Dilley, Vice President of the Graduate Student Council, as the newly elected representative from that body to University Council. The Chairman also conveyed the regrets of Dr. Guzzetta that he could not be present, due to a commitment out of town. The Vice President said that few people recognize what a difficult job it is to obtain extra monies for the institution, and today's appointment was one of those special missions of the President.

In following the agenda, Council first considered the amendments proposed to the revised draft of the Faculty Manual dated January 6, 1975. The initial item was the suggested deletion of words in B, Section 13, on page 27 of the revised draft as follows:

third line, add "have" after the word "must," and strike the following words: "get a clearance memorandum from the department head or Dean. This memorandum is evidence that the faculty member has..." and delete the last sentence in the paragraph beginning "The clearance..."

Drs. Noble and Jackson had recommended this amendment on the basis that the original language was unnecessarily abrasive.

Dean Samad asked if a clearance form would be required before leaving the University despite any possible inconsistencies between colleges and departments. Dr. Leathers replied that this would not preclude auditing requirements, etc. Dean Samad could see nothing offensive in the original language and felt that faculty should have access to the policies as observed. Dr. Roberts noted that the final accountability (as dean or department head) was not clear and advocated its clarification.

The vote to adopt the proposed amendment to B. 13 was put to a vote and failed.

The next amendment related to C. 1, on page 28 of the revised draft of the Faculty Manual and suggested cancelling the second sentence (reading "For those on a nine months' schedule, the first of ten or twelve checks is ready at the end of September.") and substituting the following:

"Those on a nine-months' schedule shall have the option of receiving either ten or twelve equal monthly payments, the first of which shall be ready at the end of September."

It was pointed out by Dr. Leathers that there was some uncertainty as to the legality of such a policy. He understood that some banks were doing this, but on the advice of the faculty member upon

UNIVERSITY COUNCIL MINUTES, ADJOURNED MEETING (from 2/20-27/75), 3/13/75, continued

receiving the checks at the present schedule from the University. Apparently this policy is followed at some state universities. Dr. Leathers said that the Council was free to vote on the matter, but if it was approved, it would be dependent upon legal interpretation before it could be implemented. With this understanding, the Council voted to adopt the proposed new wording.

Dr. Wood then presented his proposal to add a sentence at the end of page 28 of the revised draft of the Faculty Manual, C.2, second paragraph:

"Salary deductions will also be made by the University when authorized by the faculty member for professional organizations."

His motion was seconded. He explained that some groups have this option and why not the faculty.

Dean Dunlap opposed the amendment as a "check-off" and also felt that "organizations" needed to be defined. Dr. Jackson also opposed the proposal on budgetary considerations, and suggested that the policy on campus should be to stop all such practices or make it all-inclusive.

The proposal to add to C.2 was put to a vote and failed.

The inclusion of the Faculty Grievance Procedures in the Faculty Manual was then discussed as to its location in the document. Dr. Leathers noted that its inclusion was always intended, following Dr. Gerlach's motion to include. Dr. Leathers suggested that it could appropriately be assigned at the end of Article B, on page 27, with separate heading.

Dr. Hart moved that the Guidelines for Promotion, Tenure, Retention and Initial Appointment also be included, but separately along with the Grievance Procedures, at the end of Article B, with proper citations. The motion was seconded and carried.

Mr. Finan observed that he had sent some proposed changes in the Grievance Procedures to the Reference Committee for later consideration by Council.

Dr. Makar proposed that an addition be made to C.12, g. 2)b) at bottom of page 41 of the revised draft of the Faculty Manual:

following the word "appointment" add: "or during the quarter or summer session following the appointment..."

In the ensuing discussion it was agreed to use this substitution wording:

following the word "appointment" add: "or the term immediately following",

This was adopted on motion.

Dr. Gerlach then moved that on page 46 of the revised draft of the Faculty Manual, D.10, at the top of the page, the Percentage Grade scale should be added as follows:

<u>Percentage Grade</u>	<u>Letter Grade</u>
90 to 100	A
80 to 89	B
70 to 79	C
60 to 69	D
Below 60	

UNIVERSITY COUNCIL MINUTES, ADJOURNED MEETING (from 2/20-27/75), 3/13/75, continued

Dr. Gerlach opined that if these comparisons existed in the University General Bulletin they should be included here; they should be consistent in both places, and not indicate varying practices within the University.

When Dr. Wood observed that the grades mean nothing and could well be eliminated, Mr. M. Mason disagreed, but felt that they should be standardized, and pointed out that the listing in the Bulletin cites 93-100 for "A", etc. Mr. Edminister advocated the importance of grades, while Dr. J. Gwinn considered percentages impossible.

The question was called and then the vote was taken on the proposed amendment to add the percentage scale. It failed.

Dr. Gerlach then moved that the Faculty Manual conform to the General Bulletin. He urged the faculty to follow the AAUP Code on Grading which recommends that faculty abide by the standards at individual universities. The motion was seconded.

Dr. Hart advocated the reverse of the motion so that the Bulletin would be in tandem with the Faculty Manual and thus preserve flexibility. Dean Weyrick reminded the Council that the present (old) Faculty Manual does have the same scales as the Bulletin. It was also pointed out that each faculty member is instructed to announce his own system of grading and requirements at the beginning of each quarter so that his students are properly informed.

The vote on Dr. Gerlach's motion to make the Faculty Manual statement the same as the General Bulletin relative to percentage grades was put to a vote and failed.

The Council then voted to delete the percentage grade scale from the General Bulletin. The editor of the General Bulletin was to be advised of this provision.

The last proposed amendment was the location in the new Faculty Manual of the Curricula Change Process which Council had approved last December. Dr. Leathers suggested placing it as the first item in Article D, without a number, but an introductory descriptive paragraph. Dr. Oetjen asked that the entire Process be included, not just the changes. The entire statement will be brought back to Council including these changes.

With the completion of consideration of the proposed amendments to the Faculty Manual, the Council turned to the next item on the agenda which pertained to the suggested change of title of "Department Head" to "Department Chairman". Dr. Gerlach said he had brought this up because it was unfinished business from months back.

Dr. Roberts reported that the Committee of Department "leaders" had discussed this question at their meeting, and while not feeling strongly about a change, did stress their recommendation that the language never include "chairperson".

Mrs. Sugarman opposed any change because she felt "department head" correctly designated the situation on this campus where the office is not elective and that the name should reflect policy as it is.

Dean Samad referred to the Regulations of the Board of Trustees which use "department head". He opined that Council could not rightfully change this designation and it was more appropriate for Council to petition the Board if it so desired.

UNIVERSITY COUNCIL MINUTES, ADJOURNED MEETING (from 2/20-27/75), 3/13/75, continued

Dr. Hart asked whether "administrative head" was a title or a description, and Dr. Barker advocated that it be consistent. Dr. Jackson recalled the earlier discussions on this subject and his interpretation of which title is generally more prevalent and which is more democratic. He thought that many more faculty members are now qualified to hold such an administrative position. Dr. Roberts noted that semantics enter the controversy and that interpretations can vary from college to college and from university to university.

The question was called, and on voting to change the title of "Department Head" to "Department Chairman", the motion was carried.

Dr. Zangrando moved that the Faculty Manual should consistently use both terms, "chairman" and "chairwoman". The motion was seconded. Mr. d'Amico, chairman of the Reference Committee, used an effective example to illustrate that this could be ridiculous. The motion was put to a vote and failed.

The next item on the agenda was consideration of the Buchtel College Resolution of May 28, 1974, which appeared in the appendix of the December Council minutes as printed in the January 1975 AU Chronicle.

Mrs. Sugarman noted that the resolution had been passed by 25 to 10 and asked what the total number of faculty members is in Buchtel College. Dean Oetjen replied that it was 220 teaching faculty. Mrs. Sugarman thought it a waste of Council's time to discuss something which had received so little attention from the faculty of the College.

Dr. Zangrando thought that it should be considered since it was legally passed, and it was further observed that the resolution requested only concurrence.

There followed a discussion of tenure and its implications, and the need for temporary appointments under certain conditions. Dean Oetjen said that the resolution implied that appointments should not be made if they did not count toward tenure, but it was always recognized that the term appointments in no way eliminated their counting toward service.

Dr. Jackson proposed that the matter be referred to the Committee on Faculty Rights and Responsibilities Committee. Dean Oetjen moved such a referral which was seconded. After numerous comments opposing such a delay and waste of time for both the Committee and Council, the motion to refer was put to a vote and failed.

Dr. Brittain, while declaring that he did not customarily favor regular term appointments, recognized that the resolution did not take into consideration the possibility of significant exceptions and opposed the resolution.

The motion to concur with the Buchtel College Resolution of May 28, 1974, was put to a vote and failed.

Under "New Business", Mr. Pernice moved that Council consider the amendment to the University Council Bylaws, Article III, Section d. as follows:

"Sixteen representatives comprising ten students from the day undergraduate enrollment, three students from the evening undergraduate enrollment, two students from the graduate enrollment, and one student from the School of Law enrollment shall be elected in the year of adoption of this amendment."

UNIVERSITY COUNCIL MINUTES, ADJOURNED MEETING (from 2/20-27/75), 3/13/75, continued

Dr. Gerlach remarked that he would support this because the wording actually provided for the increased number of students to be elected only in the year of adoption of the amendment!

Mr. d'Amico questioned how the students arrived at the increased number and why a formula was not employed. Mr. Mason thought that a sliding scale had been used, such as one day student for each 2,000 enrolled. Dr. Gwinn asked about a change in the ratio, relative to enrollment in day and evening. Mr. Mason added that the main reason for the proposal was because of the desire of the students for greater participation.

It was moved that the motion to amend be tabled. The motion was seconded, put to a vote and carried.

The meeting was adjourned at 4:45 p. m.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, March 20, 1975

The regular March meeting of the University Council was called to order by the Chairman, Vice President Noel Leathers, at 3:10 p. m. on Thursday, March 20, 1975, in Room 307, Warren W. Leigh Hall.

Fifty-two of the 66 members of Council were present. Those absent with notice were Mr. M. d'Amico, Dr. J. W. Dunlap, Dr. D. J. Guzzetta, Dr. R. Mravetz, Mr. H. Paul Schrank, Jr., Dr. T. Sumner, and Dr. R. Zangrando. Others absent were Mr. C. Baker, Dr. B. Bayless, Mr. D. Dilley, Dr. D. Dolan, Mr. D. Jenkins, Dr. M. Moore and Mr. W. Sremack.

In consideration of the minutes of the two meetings of Council in February as printed in the March 1975 AU Chronicle, Mr. Pernice wished to correct the minutes of the regular meeting of February 20, 1975, by changing the last word in the fifth paragraph on page 10 from "faculty" to "student body", to conform to his original statement. Mr. Hollingsworth asked to correct the statement attributed to him in the first paragraph on page 16, relative to the minutes of the adjourned meeting of Council on February 27, 1975, so that the second sentence would read: "Mr. Hollingsworth thought he could not guarantee that it would be possible to find room for its inclusion in the Buchtelite..". With the acceptance of these corrections, the minutes of both February 1975 meetings of Council were approved.

Because of the absence of the President, Council proceeded to reports of the Standing Committees. Dr. Poston, on behalf of the Academic Policies, Curriculum and Calendar Committee, moved that the Honors Program as amended (and now circulated to Council) be approved. The motion was seconded.

Dr. Gerlach called attention to the unintentional omission of the words "in those" in the seventh line of Article IV (page 3 of the amended program), and also hoped that the articles would be considered ad seriatim.

Article I was considered, and it was moved, seconded and carried to accept it as written.

The first paragraph in Article II was approved as presented, with the change of "where" to "when" in the added phrase.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, 3/20/75, continued

In the second paragraph of Article II it was requested that "University Scholars" always be capitalized to be consistent with the original document.

The amendments proposed for the second paragraph would add "two students who are University Scholars" to the University Honors Council (rather than provide for inviting some to serve as advisers to the Council, in the original document), and provide that "Student members shall absent themselves from discussion of matters relating to individual students."

Dr. Gerlach opposed adding students to the Council, while Dr. Roberts opposed their having a limited franchise as members of the Council. Mr. Shedlarz advocated their having full voting rights, but Mr. Hollingsworth cited the difference between students participating in policy matters and in acting on personnel questions, and felt the two amendments were appropriate. Dr. Gwinn observed that the Council could begin with these provisions, which could certainly be changed later if necessary.

The amendments to the second paragraph of Article II were put to a vote and carried.

The consideration of the amended third and fourth paragraphs of Article II was postponed until Article IV was discussed.

Relative to Article III, Dean Carrino asked verification of the proposed additional wording: "...a scholarship equal to at least full tuition. During the first year the Honors Council will work out any special problems relating to part-time students". Upon assurance that this was correct, he stated his strong feeling that evening students should have the opportunity to be honors students also.

Dean Samad asked the difference between remission of fees and scholarships. Dr. Poston explained that legislative action could nullify legality of remission of fees. Dean Samad wondered about possible budgetary problems with scholarship aid. Dr. Merrix asked the source of scholarship money. Dr. Leathers said that the AU Development Foundation was investigating prospects of assistance in this area.

Discussion ensued concerning full-time students in the Honors Program and whether part-time students could qualify. Dr. Leathers pointed out that with 50 to start the program, special consideration was planned for part-time as the program progressed.

Dr. Carrino moved that the proposed addition to the end of the first paragraph in Article III be amended to conclude: "...with the intent that part-time students will be considered for the Honors Program." The motion was seconded.

Dr. Roberts feared that part-time students would not have the same incentive toward their goal in the Honors Program. Dr. Merrix opined that part-time students often are those who must work their way through school and are just as dedicated as full-time. Dr. Rogers pointed out that a recent valedictorian had done all her class work in evening and was now on our teaching faculty. Dr. Barker declared that part-time students should not be excluded from the Honors Program as this University was built on enrollment of part-time in evening, etc. As a matter of information, Dr. Carrino explained that anyone taking fewer than 12 hours per quarter is considered part-time.

Dr. Carrino's motion to amend was put to a vote and carried.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, 3/20/75, continued

Dr. Gerlach thought that part-time students would have difficulty scheduling colloquia, but Dr. Carrino noted the great number of part-time students on our campus, and that our flourishing program is the envy of the other state universities. Dr. Gerlach didn't want to exclude part-time from the campus, just from the Honors Program.

Mr. Salem observed that the amendment would make it possible for part-time students to have consideration, and that they should not be deprived of this opportunity.

The amended Article III was put to a vote and adopted.

Articles IV, V and VI were all approved as recommended in the new Honors Program draft.

In consideration of Article VII, Dr. Noble moved to amend the second paragraph, top of page 4 of the draft by adding Geography to the listing of disciplines, in Group I. The motion was seconded.

Dr. Noble said that he had been surprised at the omission of Geography from any of the groups of disciplines, and he felt it belonged in Group I. Mr. Finan inquired why it would not be in Group IV with the sciences. Dr. Bee explained that the committee had tried to work out a suitable assignment, but possibly the Honors Council could make the decision. Dr. Hart suggested placing Geography in Group III with the social sciences. Dr. Gerlach thought it was purposely omitted as being considered more for General Studies, but he stated it could go in III.

Dr. Merrix moved to substitute his motion for Dr. Noble's to add at the end of the second paragraph in Article VII, bottom of page 3, "such groups to be determined by the University Honors Council". He intended that the listing of the four groups would remain.

Dr. Noble opposed the substitute motion and Dr. Merrix withdrew it, and refused to accept Mr. Salem's proposed friendly amendment to move Geography to Group III.

Following the call for the question, Dr. Noble's motion was put to a vote and failed.

Dr. Noble moved that the four groups be changed to conform to the three divisions in Buchtel College—Humanities, Natural Sciences and Social Sciences, and add a fourth for Fine and Applied Arts. The motion was seconded, and after a brief discussion the motion was put to a vote and failed.

Dr. Bee moved to add Geography to Group III. The motion was seconded.

Dr. Noble could not understand the attempts to tie Geography to General Studies. He moved to amend Dr. Bee's motion to move History from Group I to III. The motion was seconded.

Dr. Gerlach opposed this.

Dr. Jackson moved to limit debate on the entire Honors Program to ten minutes. The motion was seconded. Dr. Gerlach moved a friendly amendment to make it twenty minutes. The motion was seconded, and Dr. Jackson accepted the friendly amendment. The motion to limit debate was put to a vote and failed.

The motion to move History to Group III was put to a vote and failed.

The motion to place Geography in Group III was put to a vote and carried.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, 3/20/75, continued

Dr. Sterling moved to substitute "Speech and Theatre Arts" for the listing of "Drama" and "Speech" in Group II. The motion was seconded and carried, although Dr. Roberts explained that the listings were not originally intended to coincide directly with the names of departments, but areas.

Mr. Mason moved to substitute a new statement for the one proposed to follow the first sentence in the first paragraph in Article VII at the bottom of page 3 of the revised draft of the Honors Program. The motion was seconded. It reads:

"The honors student's progress toward his objective shall be accelerated by:

1. Advanced placement in sequential courses where appropriate, with credit awarded for all the prerequisite courses.
2. Credit awarded for satisfactory achievement (score of 3, 4, or 5) on high school advanced placement tests, and satisfactory scores as defined by present University policies in various other achievement tests which include CLEP, ACT and SAT.
3. Credit awarded for nontraditional measures of valid academic attainment, the standards of which are to be developed by the appropriate faculty."

Mr. Pernice endorsed this amendment, stressing its importance in attracting quality students through possibility of acceleration. Dr. Wood agreed.

Mrs. Sugarman was sympathetic to acceleration, but felt it should not be open-ended, and moved to amend the motion to limit the requirements to no more than 15 bypassed credits. The motion was seconded.

Dr. Brittain said no such credits were available in engineering, but Dr. Leathers explained that it could apply to electives in the Honors Program.

Mr. Mason thought that the purpose of the amended paragraph would be defeated by limiting credits to 15, and that it would penalize a student by requiring 192 hours in residence despite bypassed credit.

Dean Major favored Mr. Mason's amendment, and assumed the Honors Council would guarantee no abuses of bypassed credit and keep it a bona fide Honors Program.

Dr. Poston referred to a study he had made of ten students who had entered during the last three years and who had advanced placement, with bypassed credit ranging from 16 to 41 credits. He said they would have been denied acceleration under this proposed limitation.

Mrs. Sugarman accepted Mr. Jamison's friendly amendment as a compromise to limit bypassed credit to 30 hours instead of 15. Dr. Frye wanted it increased to 48, but Mrs. Sugarman would not accept his suggestion.

Dr. Watt asked why in an Honors Program acceleration could not be accepted as part of its inducement, without restriction.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, 3/20/75, continued

Dr. Hart thought a student should go to a university for an education, not just acceleration, and should take 192 hours for the degree in an Honors Program. Dr. Brittain considered the amendment prejudicial to engineers.

Dr. Barresi noted that there are special students in an Honors Program who probably would go on in graduate work and should have the ability and incentive to accelerate.

Dean Hansford cited instances of the importance of acceleration and the broader base which these special students often have. Dr. Bee opined that ours was not for professionally motivated students, but we were attempting to create an environment for a baccalaureate Honors Program and he thought acceleration not applicable in that situation.

Mr. Pernice stressed that we would be dealing with academically exceptional students and we should take into consideration their own desires and goals. Dr. Hart thought they should not be accelerated just to get out, but to take higher courses.

Mr. Mason considered that view in conflict with an Honors Program, and it would be unfair to keep a person additional time when the person was ready and anxious to go on with a master's program, etc.

Mr. Edminister lamented that this seemed to be an arts and sciences program and not for engineering and all-University.

The motion to limit the accelerated courses to 30 hours was put to a vote and lost.

The motion to adopt Mr. Mason's amended wording in the first paragraph of Article VII was put to a vote and carried.

Continuing with Article VII, the Council considered the proposed substitution of the fifth item, the new wording suggested to read: "Fifth, although each honors student will be encouraged to become proficient in a language other than English, the latter will be expected only if required of all students in his major department or division."

Dr. MacGregor wished to add "foreign" before the word "language".

Dr. Brittain said that a foreign language is not required of engineers any longer, but Dr. Jackson opined that the Honors Program was not for "normal" but for "abnormal" students!

Dr. MacGregor accepted a friendly amendment to change the wording to "proficient in another language in addition to English..." It was considered that this would supersede the graduate requirement. Mr. Shedlarz commented that foreign language was referred to in the original Honors Program and should be required if the major does, but the Preceptor holds much responsibility and it should be an individual interpretation.

Dr. MacGregor, realizing that his amendment would affect the general requirements, withdrew his motion.

Dr. Gerlach opposed any amendment, emphasizing that it was not set up as an arts and sciences Honors Program and he advocated a foreign language requirement. He cited the fact that various colleges, including engineering, had served on the Honors Program committee. He thought the Program was being weakened.

MINUTES OF REGULAR MEETING OF UNIVERSITY COUNCIL, 3/20/75, continued

Dr. Noble moved to adjourn, but the motion failed on vote.

Mr. Salem said, as a former Admissions Director, that advanced placement was a vital factor in recruiting quality students and that we were not in competition with Podunk but with Princeton and other such schools, and he saw no reason for engineers to have to take a second language.

Dr. Jackson suggested substituting "mandatory" for "expected" in the proposed fifth paragraph in Article VII. This was accepted.

Dean Weyrick called attention to unclear wording and suggested the substitution of "foreign language" for "latter". With these changes, the amended amendment was put to a vote and carried, and now reads:

"Fifth, although each honors student will be encouraged to become proficient in a language other than English, the foreign language will be mandatory only if required of all students in his major department or division."

The third paragraph of Article II was approved as amended.

The Chair referred to the last paragraph in Article II which states that the student's Preceptor will "...assist the Honors Council in determining the student's distribution requirement and the measure of foreign language proficiency when appropriate."

The fourth paragraph of Article II was then adopted.

It was noted that Council would act on the entire amended document at its next meeting, with fresh copies of the document available.

Dr. Hart moved that the meeting adjourn to two weeks from the date, Thursday, April 3, 1975, at 3 p.m. The motion was carried and the meeting adjourned at 5:10 p.m.

Any comments concerning the contents of AU Chronicle may be directed to the Office of the President or to the Executive Director of University Relations and Development.

PROJECTS APPROVED BY THE FACULTY RESEARCH COMMITTEE 1974-75
(From December 4, 1974 - March 13, 1975)

	<u>Amount</u>
Dr. Ralph Alexander "Relationship between individual perceptual information processing and and psychophysiological responses to visual motion"	\$ 2,000
Dr. Arthur Burford "Bedrock structure to the valley of the Cuyahoga River"	320
Dr. Robert Deitchman and Dr. Raymond Sanders "Maternal crowding: maternal and rat offspring effects"	1,400
Dr. James Egan "English pamphlet literature of the seventeenth century: a rhetorical analysis"	100
Dr. John Frola and Dr. Donald Ott "A descriptive study of ultrastructural changes in the apical meristem of Podophyllum peltatum"	3,000
Dr. Paul Garn "Deviations from ideality in purity determinations"	2,100
Dr. Warren Kuehl "A quest for an ordered world: the United States and internationalism, 1920-1941"	500
Dr. David Kyvig "Pressure groups and national prohibition, 1928-1933"	650
Dr. Lloyd Lueptow "Changes in adolescent sex roles, 1964-1975"	900
Dr. William McGucken "Science and government: Great Britain, 1931-1947"	750
Dr. John Mulhauser and Dr. Vern Harnapp "Production of a land-use map of the state of Ohio utilizing ERTS-1 satellite imagery"	1,000
Dr. Thomas Nash "A study in the problems of three-dimensional mapping of environmental and energy resources"	3,000
Dr. Warren Stoutamire "Pseudocopulation mechanisms in terrestrial orchids of southern Australia"	300
Dr. E. von Meerwall, D. C. F. Griffin and Dr. R. B. Creel "Pulsed NMR measurements of crystallinity in polymers"	2,500
	<hr/> \$18,520

CURRICULUM CHANGES

The following curriculum changes, in accordance with the Curricula Change Process adopted by University Council on December 12, 1974 have had final approval by the Vice President for Academic Affairs:

BUCHTEL COLLEGE OF ARTS AND SCIENCES (effective September 1975)Department of Geography

Change in Credits	335:210	<u>Physical Geography</u> , from 3 to 4 credits.
	335:230	<u>Rural and Urban Settlement</u> , from 3 to 4 credits.
	335:240	<u>Maps and Map Reading</u> , from 3 to 4 credits.
	335:484/584	<u>Field Research Methods</u> , from 3 to 4 credits.
	335:380	<u>Cartography</u> , from 3 to 4 credits.
	335:360	<u>East Asia</u> , from 3 to 4 credits.
Change in Title and Credits	335:418/518 to 335:418/518	<u>Geography of Vegetation and Soils</u> , 3 credits. <u>Geography of Soils/Vegetation</u> , 4 credits.
Change in Credits and Number	335:336 to 335:436/536	<u>Urban Land Use Analysis</u> , 3 credits. <u>Urban Land Use Analysis</u> , 4 credits.
Change in Credits and Description	335:447/547	<u>Remote Sensing of the Environment</u> , from 3 to 5 credits. Prerequisite, 335:240 or permission. Principles of aerial photography, satellite, radar, and infrared imagery and their utilization in map production and geographic research.
Add	335:335	<u>Topics in Planning</u> , 4 credits. Prerequisite, permission of instructor. Development of planning studies including completion of a paper covering a city or regional resource planning topic in depth. Projects are presented by students and critically analyzed.
Drop	335:346	<u>Geographical Aspects of Air Interpretation</u> , 3 credits. [being combined with the new 335:447/547 at 5 credits]

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Physics

Change	365:101-2-3	<u>Concepts of Physics I, II, III.</u>	4 credits each.
	to		
	365:231-232-233	<u>Concepts of Physics I, II, III.</u>	4 credits each.
	365:107-8-9	<u>Introductory Computations I, II, III.</u>	1 credit each.
	to		
	365:237-238-239	<u>Introductory Computations I, II, III.</u>	1 credit each.
	365:201-2-3	<u>Elementary Classical Physics I, II, III.</u>	4 credits each.
	to		
	365:291-292-293	<u>Elementary Classical Physics I, II, III.</u>	4 credits each. Corequisite, 345:231.
	365:211-212-213	<u>Physics Computations I, II, III.</u>	1 credit each.
	to		
	365:297-298-299	<u>Physics Computations I, II, III.</u>	1 credit each.
Add	365:261-262-263	<u>Physics for the Life Sciences I, II, III.</u>	4 credits each. Prerequisite, adequate preparation in high school algebra and trigonometry, or 345:115-116 as corequisites. An introductory course sequence specifically designed to provide the physics background needed for baccalaureate and preprofessional degree programs in the life sciences. Emphasis is on applications to the life sciences. Mechanics: Newton's laws of motion, force, torque, work, energy, power, efficiency, scaling laws. Properties of matter: gases, liquids, solids; fluid mechanics; the laws of thermodynamics; kinetic theory. Wave phenomena: sound, light, optics. Electricity and magnetism. Atomic and nuclear physics; radioactivity.
	365:267-268-269	<u>Life Sciences Physics Computations I, II, III.</u>	1 credit each. Corequisite, 365:261-262-263. Optional companion courses to accompany 261-262-263. Course 267 should be taken concurrently with 261, course 268 with 262, etc. Intended to provide additional computational experience in various applications of physics to the life sciences, and to emphasize the use of algebra and trigonometry in such applications of physics. The thrust and content of these courses is closely coordinated with 261-262-263 in order to provide maximum continuity and reinforcement for the student. Particularly recommended for persons with average preparation or less in mathematics.

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Physics, continued

Add	365:497/597	<u>Physics Laboratory Projects.</u> 1-5 credits. Prerequisite, permission. Design and development of laboratory apparatus experiments, techniques or demonstrations. May be repeated.
	365:498/598	<u>Topics in Classroom Physics.</u> 1-5 credits. Prerequisite, permission. Consideration and evaluation of new apparatus, materials, topics, procedures and techniques for the presentation of physics in the classroom. May be repeated.
	365:499/599	<u>Independent Study in Physics.</u> 1-5 credits. Prerequisite, permission. Further investigations of various selected topics in physics, under the guidance of a faculty member. May be repeated.
	365:691	<u>Seminar in Theoretical Physics.</u> 1-4 credits. Prerequisite, permission. May be repeated.
	365:692	<u>Seminar in NMR Spectroscopy.</u> 1-4 credits. Prerequisite, permission. May be repeated.
	365:693	<u>Seminar in Solid State Physics.</u> 1-4 credits. Prerequisite, permission. May be repeated.
	365:695	<u>Special Problems in Theoretical Physics.</u> 1-6 credits. Prerequisite, permission. Intended to facilitate the expansion of particular areas of interest in theoretical physics, by consultation with a faculty member and independent study beyond available course work. May be repeated.
	365:696	<u>Special Problems in Experimental Physics.</u> 1-6 credits. Prerequisite, permission. Intended to encourage the development of experimental techniques in selected areas under the supervision of a faculty member. May be repeated.

Restatement of Material in the General Bulletin:

Under "Requirements for a B.S. degree with a major in Physics", add the following sentence at the end of "2. Physics courses":

"Courses 110:224, 365:130, 365:133, and 365:137 are not applicable toward the required 60 credits of physics courses."

Under "Requirements for a B.A. degree with a major in Physics", add the following sentence at the end of "2. Physics courses":

"Courses 110:224, 365:130, 365:133, and 365:137 are not applicable toward the required 36 credits of physics courses without special permission."

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Political Science

Drop	370:410/510	<u>International Law.</u> 3 credits.
Drop Prerequisites only	370:210	<u>State and Local Government.</u>
	370:302	<u>American Political Ideas.</u>
	370:303	<u>Development of Western Political Thought.</u>
	370:310	<u>International Politics.</u>
	370:312	<u>International Organization.</u>
	370:320	<u>Britain and the Commonwealth.</u>
	370:321	<u>Western European Politics.</u>
	370:322	<u>Soviet and East European Politics.</u>
	370:323	<u>Politics of China and Japan.</u>
	370:324	<u>Middle Eastern Politics.</u>
	370:325	<u>Latin American Politics.</u>
	370:326	<u>Politics of Developing Nations.</u>
	370:327	<u>African Politics.</u>
	370:340	<u>American Political Parties.</u>
	370:341	<u>The American Congress.</u>
	370:342	<u>Minority Group Politics.</u>
	370:350	<u>The American Presidency.</u>
	370:370	<u>Public Administration.</u>
	370:380	<u>Metropolitan Politics.</u>
Add	370:393	<u>Selected Topics in Political Science.</u> 1-4 credits. May be repeated, but no more than 4 credits can be applied to the major in Political Science. May include topics of substantial current importance, specialized topics which cross subject lines within Political Science, or experimental courses.
	370:381	<u>State Politics.</u> 4 credits. An analysis of the state political process in terms of its capacity to deal with a wide range of socio-economic problems. Special emphasis on legislators, administrators, parties, and interest groups as participants.
	370:691	<u>Internship in Political Science.</u> 5 credits. Prerequisite, permission of the graduate advisor. A field experience program in which the student will be placed with officeholders, government agencies, or political groups for research or practical experience of demonstrable relevance to the student's program.
Change	The following courses to be changed from 3 to 4 credits:	
	370:302	<u>American Political Ideas.</u>
	370:312	<u>International Organization.</u>
	370:415/515	<u>Comparative Foreign Policy.</u>
	370:420/520	<u>Problems in Comparative Politics.</u>
	370:441/541	<u>The Policy Process.</u>
	370:470/570	<u>The Administrative Process.</u>
	370:480/580	<u>Urban Policy Problems.</u>

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Political Science, continued

Change Credit Hour Statements	370:391	<u>Internship in Government and Politics</u> . 3-5 credits. May be repeated for a total of 9 credits. No more than 6 credits may be applied toward the major in Political Science. [only change]
	370:690	<u>Independent Research and Readings</u> . 2-6 credits. May be taken repeatedly, but no more than 9 credits can be applied toward the Master's degree in Political Science. [only change]
Change in Pre- requisite	370:440/540	<u>Public Opinion and Political Behavior</u> . 5 credits. Prerequisite, 370:100 or 150 or permission. [only change]
Change in Descrip- tion, Prerequisite	370:461/561	<u>The Supreme Court and Constitutional Law</u> . 5 credits. Prerequisite, 370:100 or 150 or permission. Interpretation of the U.S. Constitution by the Supreme Court; judicial review in the democratic political process. Special emphasis on judicial policy-making in the areas of civil rights and liberties.
Change in all but Title	370:460/560 to 370:360	<u>The Judicial Process</u> . 3 credits. <u>The Judicial Process</u> . 4 credits. The role of the police, lawyers, courts, and judges in the context of the American political process. The structure and process of judicial policy-making on the national, state, and local levels, and the limitations on judicial power.

Department of Psychology

Add	375:311	<u>Experimental and Observational Methods in Animal Behavior Research</u> . 4 credits. Prerequisites: 375:141, 147 or permission. Methods and techniques used in the analysis of behavior. Emphasis will be on the use of the observational method primarily with regard to animal research.
	375:330	<u>Sensory and Perceptual Experience</u> . 4 credits. Prerequisites, 375:141 or permission. A survey of basic sensory and perceptual phenomena covering the physical and psychological bases of each. An overview of the major theoretical treatments and empirical findings in perception and sensation will be included, plus discussion of the implications for behavior of fundamental sensory and perceptual processes.
	375:335	<u>Motivation and the Dynamics Behavior</u> . 4 credits. Prerequisites, 375:141 or permission. A wide-ranging treatment of the motivation of behavior in humans and animals covering both physiological and psychological mechanisms, and including a survey of the major theoretical ideas on motivation and the empirical evidence concerning them.

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Psychology, continued

Add	375:340	<u>The Psychology of Small Group Behavior</u> . 4 credits. Prerequisites, 375:141 and 315. Intensive investigation of factors affecting behavior in groups. Course covers joint effects of personality, social structures, task, and situational variables in affecting group behavior.
	375:345	<u>Introduction to Cross-Cultural Psychology</u> . 4 credits. Prerequisite, 375:141. An introduction to the influence of culture upon the development of individual psychological processes. The theories and methods of cross-cultural studies will be examined in relation to the following psychological processes: perception, motivation, intellectual functioning, values and organizational structure.
	375:410	<u>Contemporary Issues in Developmental Psychology</u> . 4 credits. Prerequisites, 375:141, 151 or permission. A detailed survey of current issues, methodology and major contemporary research topics in developmental psychology. The topic areas of developmental change in intelligence, personality, sensation, perception, learning, memory and socialization will be explored in depth.
	375:415	<u>Cognition</u> . 4 credits. Prerequisites, 375:412 or permission. An introductory review of the research and theory concerning the higher-order mental processes, such as human conceptual behavior, problem solving and thinking.
	375:460	<u>Special Topics in Psychology</u> . 2-4 credits. May be repeated to a total of 8 credits. Prerequisite, 375:141.
Change in Title, Description	375:141	<u>General Psychology</u> . 5 credits.
	to 375:141	<u>Introduction to Psychology</u> . 5 credits. Introduction to the scientific study of behavior. Survey of physiological basis of behavior, sensation and perception, development, learning and cognition, personality, social interaction and other selected topics.
Change in Title, Description and Prerequisites	375:310	<u>Experimental Psychology</u> . 4 credits.
	to 375:310	<u>Experimental Methods in Human Behavior Research</u> . 4 credits. Prerequisite, 375:147. Scientific methods and tools in the modern experimental investigation of human behavior. Emphasis is an exposure to and performance on all aspects of a single, in-depth research project.

CURRICULUM CHANGES, continuedBUCHTEL COLLEGE OF ARTS AND SCIENCES, continuedDepartment of Psychology, continued

Change in Title,	375:405/505	<u>Psychopathology of Childhood.</u> 4 credits.
Description and	to	
Prerequisites	375:405/505	<u>Psychological Disorders of Children.</u> 4 credits. Prerequisites, 375:141 and 151 or permission. A survey of the psychological disorders of children from the standpoint of the developmental psychologist and behavior therapist. Emphasis will be on the role of the social environment in shaping and maintaining behavior. Relationships with problems in areas such as child psychology, intervention, approaches, and social and educational contexts will be presented.
Change in Credits,	375:421	<u>Advanced Industrial Psychology.</u> 5 credits.
Description and	to	
Prerequisites	375:421/521	<u>Advanced Industrial Psychology.</u> 4 credits. Prerequisites, 375:160 and permission. Application of psychology to organizations with special emphasis on engineering psychology, human factors, man-machine systems and personnel psychology.
Change in Title	375:160	<u>Industrial Psychology.</u> 4 credits.
	to	
	375:160	<u>Introduction to Industrial/Organizational Psychology.</u> 4 credits.
Change in	375:325	<u>Comparative Psychology.</u> 4 credits. Prerequisites, 375:141, 145 and 147.
Prerequisites	to	
	375:325	<u>Comparative Psychology.</u> 4 credits. Prerequisite, 375:141.
	375:409/509	<u>Introduction to the Clinical Methods.</u> 4 credits. Prerequisites, 375:400 and 407.
	to	
	375:409/509	<u>Introduction to the Clinical Methods.</u> 4 credits. Prerequisites, 375:141 and 4 additional credits in Psychology.

COLLEGE OF ENGINEERING (effective September 1975)General Engineering Courses

The following courses in General Engineering to be changed in number to correspond to the appropriate department in the College of Engineering:

410:120	<u>Engineering Design—Chemical Engineering.</u> 2 credits. (2-0) to
420:120	<u>Engineering Design—Chemical Engineering.</u> 2 credits. (2-0)
410:130	<u>Engineering Design—Civil Engineering.</u> 2 credits. (2-0) to
430:130	<u>Engineering Design—Civil Engineering.</u> 2 credits. (2-0)
410:140	<u>Engineering Design—Electrical Engineering.</u> 2 credits. (2-0) to
440:140	<u>Engineering Design—Electrical Engineering.</u> 2 credits. (2-0)
410:160	<u>Engineering Design—Mechanical Engineering.</u> 2 credits. (2-0) to
460:160	<u>Engineering Design—Mechanical Engineering.</u> 2 credits. (2-0)

CURRICULUM CHANGES, continuedCOLLEGE OF ENGINEERING, continuedDepartment of Civil Engineering

Drop	430:231	<u>Surveying I.</u> 3 credits (2-1).
	430:232	<u>Surveying II.</u> 3 credits (2-1).
Add	430:230	<u>Surveying.</u> 5 credits (3-2). Principles of route, construction and land surveying. Use of tape, level, transit and electronic surveying equipment. Computation of land areas and earthwork quantities.
Change in title	430:646	<u>Theory of Waves I.</u> 3 credits (3-0). to
	430:646	<u>Coastal Engineering.</u> 3 credits (3-0).
	430:747	<u>Theory of Waves II.</u> 3 credits (3-0). to
	430:747	<u>Ocean Engineering.</u> 3 credits (3-0).
	430:745	<u>Potential Flow Theory.</u> 3 credits (3-0). to
	430:745	<u>Theory of Seepage.</u> 3 credits (3-0).

COLLEGE OF EDUCATION (effective Summer Session I, 1975)

Add	520:781	<u>Residency Seminar.</u> 3 credits. A one-hour weekly meeting for those doctoral students in Elementary Education in residence. Three quarter hours will be earned over a period of three consecutive quarters.
Add	The following courses in <u>Independent Study</u> to have 1-4 credits (may be repeated to a maximum of 8 credits) and to have the same course description: "Prerequisite, consent of the advisor and the supervisor of the independent study. The specific area of investigation will be determined in accordance with the student's program of professional goals." :	
	510:609	<u>Independent Study.</u>
	520:609	<u>Independent Study.</u>
	530:609	<u>Independent Study.</u>
	540:609	<u>Independent Study.</u>
	555:609	<u>Independent Study.</u>
	570:609	<u>Independent Study.</u>
	510:809	<u>Independent Study.</u>
	520:809	<u>Independent Study.</u>
	530:809	<u>Independent Study.</u>
	570:809	<u>Independent Study.</u>
	The following courses in <u>Independent Study</u> to have 1-4 credits (may be repeated to a maximum of 12 credits) and to have same course description as above:	
	560:670	<u>Independent Study.</u>
	561:670	<u>Independent Study.</u>
	562:670	<u>Independent Study.</u>
	560:800	<u>Independent Study.</u>

CURRICULUM CHANGES, continuedCOLLEGE OF EDUCATION, continued

Change

The following courses in General Education to be changed in number only to specific departments, with no change in credits or course descriptions:

515:100, 200, 300	<u>Student Participation.</u>	1 credit.
to		
520:100, 200, 300	<u>Student Participation.</u>	1 credit.
561:100, 200, 300	<u>Student Participation.</u>	1 credit.
515:305	<u>Field Experience.</u>	1-4 credits.
to		
520:305	<u>Field Experience.</u>	1-4 credits.
530:305	<u>Field Experience.</u>	1-4 credits.
540:305	<u>Field Experience.</u>	1-4 credits.
555:305	<u>Field Experience.</u>	1-4 credits.
561:305	<u>Field Experience.</u>	1-4 credits.
515:405	<u>Independent Study.</u>	1-4 credits.
to		
510:409	<u>Independent Study.</u>	1-4 credits.
520:409	<u>Independent Study.</u>	1-4 credits.
530:409	<u>Independent Study.</u>	1-4 credits.
540:409	<u>Independent Study.</u>	1-4 credits.
555:409	<u>Independent Study.</u>	1-4 credits.
561:409	<u>Independent Study.</u>	1-4 credits.
515:690, 691, 692	<u>Internship Teaching and Seminar.</u>	4 credits.
to		
540:690, 691, 692	<u>Internship Teaching and Seminar.</u>	4 credits.
515:402	<u>Student Teaching.</u>	6-9-12 credits.
to		
520:402	<u>Student Teaching.</u>	6, 9 or 12 credits.
530:402	<u>Student Teaching.</u>	6, 9 or 12 credits.
555:402	<u>Student Teaching.</u>	6, 9 or 12 credits.
561:402	<u>Student Teaching.</u>	6, 9 or 12 credits.
515:403	<u>Student Teaching Seminar.</u>	2 credits.
to		
520:403	<u>Student Teaching Seminar.</u>	2 credits.
530:403	<u>Student Teaching Seminar.</u>	2 credits.
540:403	<u>Student Teaching Seminar.</u>	2 credits.
555:403	<u>Student Teaching Seminar.</u>	2 credits.
561:403	<u>Student Teaching Seminar.</u>	2 credits.

CURRICULUM CHANGES, continuedCOLLEGE OF EDUCATION, continued

Change The following courses in Educational Research to be changed in number only to specific departments, with no change in course descriptions:

590:610, 611, 612	<u>Field Experience—Master's.</u>	1-3 credits.
to		
510:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
520:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
530:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
540:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
555:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
560:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
561:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
562:613, 614, 615	<u>Field Experience—Master's.</u>	1-3 credits.
590:699	<u>Research in Education.</u>	3-6 credits.
to		
510:699	<u>Research in Education.</u>	1-6 credits.
520:699	<u>Research in Education.</u>	1-6 credits.
530:699	<u>Research in Education.</u>	1-6 credits.
540:699	<u>Research in Education.</u>	1-6 credits.
555:699	<u>Research in Education.</u>	1-6 credits.
560:699	<u>Research in Education.</u>	1-6 credits.
561:699	<u>Research in Education.</u>	1-6 credits.
562:699	<u>Research in Education.</u>	1-6 credits.
570:699	<u>Research in Education.</u>	1-6 credits.
590:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
to		
510:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
520:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
530:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
560:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
561:790	<u>Research Projects in Special Areas.</u>	1-3 credits.
562:790	<u>Research Projects in Special Areas.</u>	1-3 credits.
570:890	<u>Research Projects in Special Areas.</u>	1-3 credits.
590:810, 811, 812	<u>Field Experience—Doctoral.</u>	1-3 credits.
to		
520:810, 811, 812	<u>Field Experience—Doctoral.</u>	1-3 credits.
530:810, 811, 812	<u>Field Experience—Doctoral.</u>	1-3 credits.
560:810, 811, 812	<u>Field Experience—Doctoral.</u>	1-3 credits.
590:899	<u>Dissertation.</u>	15-30 credits.
to		
520:899	<u>Dissertation.</u>	1-30 credits.
530:899	<u>Dissertation.</u>	1-30 credits.
560:899	<u>Dissertation.</u>	1-30 credits.
570:899	<u>Dissertation.</u>	1-30 credits.