

9-1961

## Graduate Academic Catalog (1961-1962 and 1962-1963)

Municipal University of Omaha

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UNIVERSITY OF OMAHA

SEPTEMBER, 1961

Bulletin of the  
**Graduate Division**  
for the academic years

1961 - 1962

1962 - 1963

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## CALENDAR FOR 1961 - 62

### FIRST SEMESTER

September 7	Guidance Examinations for all first semester freshmen and all transfer students; note: students not present for tests at scheduled time will be charged late reporting fee.
September 8 (Women) September 11 (Men)	Physical Examinations for former students who plan to take physical education. Students not present for examination will be charged late reporting fee.
September 8 (Women) September 11, 12 (Men)	Physical Examinations for new students. Students not present for examinations will be charged late reporting fee.
September 11	Last day for students who completed registration at an early date to call for class cards. Cards not claimed will be destroyed.
September 11, 12 September 11, 12	University Faculty Meetings. Registration for College of Adult Education; 4:30 to 8:30 p.m.
September 13	New Student Day, 9 a.m. to 4 p.m.; attendance required of new and transfer students.
September 14	Registration for former students, 8 a.m. to 4 p.m.
September 15	Registration for new students, 8 a.m. to 4 p.m.
September 16	Program Changes are acceptable.
September 18	Classes begin, day school and Adult Education.
September 18	Late registration, day school and Adult Education.
September 23	Last day for adding credit classes to a day school schedule.
September 25	Last day for adding credit classes to an Adult Education schedule, until 6:30 p.m.
October 6	Founders' Day Convocation.
October 8	Open House.
October 27	Six-week grade reports for freshmen due in Academic Deans' Offices.
November 10	Midsemester scholastic report due in Academic Deans' Offices by 5 p.m. for sophomores, juniors and seniors.
November 10	Theses due in Graduate Office.
November 22	Thanksgiving recess begins at 9:40 p.m.
November 27	Classes resume at 7:30 a.m.
December 4 — January 27	A six-week Bootstrap term.
December 4 - 8	Registration for second semester 1961-62.
December 15	Last day for filing applications for degrees to be conferred in January, 1962.
December 20	Christmas Convocation at 10 a.m.
December 20	Christmas vacation begins at 9:40 p.m.
January 3	Classes resume at 7:30 a.m.
January 13	Final written Comprehensive Examination for Master of Science in Education candidates.
January 19 - 26	Final Examinations.
January 27	Midyear Commencement 10 a.m.
January 29	Last day for students who completed registration at an early date to call for class cards. Cards not claimed will be destroyed.

## SECOND SEMESTER, 1961-62

January 29 — February 3 Monday, January 22	Vacation for first semester students. Guidance Examinations for all first semester freshmen and all transfer students; note: students not present for tests at scheduled time will be charged late reporting fee.
January 23 (Men) January 24 (Women)	Physical Examinations for new students. Students not present for examinations will be charged late reporting fee.
February 2	Registration for new students and former students, 8 to 4 p.m.
February 2, 3	Registration for College of Adult Education 4:30 to 8:30 p.m., February 2; 9 a.m.-noon, February 3.
February 2	New Students Day at 9 a.m.; attendance required of all new and transfer students.
February 5	Classes begin, day school and Adult Education.
February 5	Late registration, day school and Adult Education.
February 5 — March 16	A six-week Bootstrap term.
February 9	Last day for adding credit classes to a day school schedule.
February 12	Last day for adding credit classes to an Adult Education schedule until 6:30 p.m.
March 23	Theses due in Graduate Office.
March 30	Midsemester scholastic reports due in Academic Deans' Offices.
April 6	Last day for filing applications for degree to be conferred in June, 1962.
April 18	Easter Convocation at 10 a.m.
April 18	Spring Vacation begins at 9:40 p.m.
April 24	Classes resume at 7:30 a.m.
May 4	Ma-ic Day — student holiday.
May 5	Final written Comprehensive Examination for Master of Science in Education candidates.
May 7 - 11	Registration for Summer School and for first semester 1962-63.
May 24 — June 2	Final Examinations.
May 30	Memorial Day.
June 3	Baccalaureate.
June 4	Fifty-third Commencement.

## SUMMER, 1962

June 8	Registration for day and evening classes 1 to 4 p.m.
June 9	Registration for day and evening classes 9 to 12 noon.
June 11 — July 14	First term.
June 12 — August 2	Evening term.
June 23	Theses due in Graduate Office.
July 4	Holiday.
July 12, 13 (afternoons)	Final written Comprehensive Examination for Master of Science in Education candidates.
July 16 — August 18	Second term.
July 21	Last day for filing applications for degrees to be conferred in August, 1962.

## CALENDAR FOR 1962 - 63

## FIRST SEMESTER

September 6	Guidance Examinations for all first semester freshmen and all transfer students; note: students not present for tests at scheduled time will be charged late reporting fee.
September 7 (Women) September 10 (Men)	Physical Examinations for former students who plan to take physical education. Students not present for examination at scheduled time will be charged late reporting fee.
September 7 (Women) September 10, 11 (Men)	Physical Examinations for new students. Students not present for examinations at scheduled times will be charged late reporting fee.
September 10	Last day for students who completed registration at an early date to call for class cards. Cards not claimed will be destroyed.
September 10, 11 September 10, 11	University Faculty Meetings. Registration for College of Adult Education; 4:30 to 8:30 p.m.
September 12	New Student Day, 9 a.m. to 4 p.m.; attendance required of new and transfer students.
September 13	Registration for former students, 8 a.m. to 4 p.m.
September 14	Registration for new students, 8 a.m. to 4 p.m.
September 15	Program Changes are acceptable.
September 17	Classes begin, day school and Adult Education.
September 17	Late registration, day school and Adult Education.
September 17	Last day for adding credit classes to a day school schedule.
September 17	Last day for adding credit classes to an Adult Education schedule, until 6:30 p.m.
October 12	Founders' Day Convocation.
October 14	Open House.
October 26	Six-week grade reports for freshmen due in Academic Deans' Offices.
November 9	Midsemester scholastic report due in Academic Deans' Offices by 5 p.m. for sophomores, juniors and seniors.
November 9	Theses due in Graduate Office.
November 21	Thanksgiving recess begins at 9:40 p.m.
November 26	Classes resume at 7:30 p.m.
December 3 - 7	Registration for second semester 1962-63.
December 3 — January 26	A six-week Bootstrap term.
December 7	Last day for filing applications for degree to be conferred in January, 1963.
December 19	Christmas Convocation at 10 a.m.
December 19	Christmas vacation begins at 9:40 p.m.
January 3	Classes resume at 7:30 a.m.
January 5	Final written Comprehensive Examination for Master of Science in Education candidates.
January 18 - 25	Final Examinations.
January 26	Midyear Commencement 10 a.m.
January 28, 11 a.m.	Last day for students who completed registration at an early date to call for class cards. Cards not claimed will be destroyed.

*SECOND SEMESTER, 1962-63*

January 28 — February 2	Vacation for first semester students.
January 21	Guidance Examinations for all first semester freshmen and all transfer students. Students not present for tests at schedule time will be charged late reporting fee.
January 22 (Men)	Physical Examinations for new students. Students not present for examinations at scheduled time will be charged late reporting fee.
January 23 (Women)	
February 1	Registration for new students and former students, 8 a.m. - 3 p.m.
February 1 - 2	Registration for College of Adult Education 4:30 to 8:30 p.m.; 9 a.m. - noon, February 2.
February 1	New Student Day at 9 a.m.; attendance required of all new and transfer students.
February 4	Classes begin, day school and Adult Education.
February 4	
February 4 — March 15	Late registration day school and Adult Education.
February 8	A six-week Bootstrap term.
February 11	Last day for adding credit classes to a day school schedule.
February 11	Last day for adding credit classes to an Adult Education schedule until 6:30 p.m.
March 22	Theses due in Graduate Office.
March 29	Midsemester scholastic reports due in Academic Deans' Offices.
April 5	Last day for filing applications for degrees to be conferred in June, 1963.
April 10	Easter Convocation at 10 a.m.
April 10	Spring Vacation begins at 9:40 p.m.
April 16	Classes resume at 7:30 a.m.
May 4	Final written Comprehensive Examination for Master of Science in Education candidates.
May 10	Ma-ic Day — Student holiday.
May 13 - 17	Registration for Summer School and for first semester 1963-64.
May 24 — June 1	Final Examinations.
May 30	Memorial Day.
June 2	Baccalaureate.
June 3	Fifty-fourth Commencement.

*SUMMER, 1963*

June 7	Registration for day and evening classes 1 to 4 p.m.
June 8	Registration for day and evening classes 9 to 12 noon.
June 10 — July 13	First term.
June 11 — July 31	Evening term.
June 22	Theses due in Graduate Office.
July 4	Holiday.
July 10, 11 (afternoons)	Final written Comprehensive Examination for Master of Science in Education candidates.
July 15 — August 17	Second term.
July 20	Last day for filing applications for degrees to be conferred in August, 1963.

## ACCREDITED STANDING

The University of Omaha is fully accredited by the North Central Association of Colleges and Secondary Schools, the National Council for Accreditation of Teacher Education, and is a member of the National Commission on Accrediting (not an accrediting agency), the American Association of Colleges of Teacher Education, the American Association of Urban Universities, the Association of American Colleges, the National University Extension Association, and the American Council on Education. It is on the approved list of the American Association of University Women and was included on the last accredited list issued by the Association of American Universities. Its courses are accepted, for purposes of certification, by the Nebraska State Department of Public Instruction.

Course credits from the University of Omaha are accepted by other colleges and universities which are members of the North Central Association and by other regional accrediting agencies.

The University maintains an institutional membership in the Midwest Conference on Graduate Study and Research.

## UNIVERSITY REGULATIONS

The University and its various colleges, divisions, and departments reserve the right to change the rules controlling admission to, instruction in, and graduation from the University or its various divisions.

Such regulations are operative whenever the University authorities deem necessary and apply not only to prospective students but also to those currently enrolled in the University.

The University also reserves the right to withdraw courses, to reassign instructors, and to change tuition and fees at any time.

## ADMINISTRATION

## THE BOARD OF REGENTS

MR. F. E. BORCHERS  
*President of the Board*

Mr. Harry D. Barber, D.D.S.	Mr. Peter Kiewit
Mr. Frank Fogarty	Mr. Ralph E. Kiplinger
Mr. Samuel Greenberg	Mrs. John Merriam
Mr. Henry C. Karpf	Mr. Varro Rhodes

## ADMINISTRATIVE OFFICERS

PHILIP MILO BAIL, Ph.D., LL.D. ....	<i>President</i>
ROWLAND HAYNES, M.A., LL.D. ....	<i>President Emeritus</i>
RODERIC B. CRANE, M.B.A. ....	<i>Assistant to the President</i>
KIRK E. NAYLOR, Ed.D. ....	<i>Dean of Administration</i>
DONALD J. PFLASTERER, M.Ed. ....	<i>Dean of Student Personnel</i>
ALICE C. SMITH, B.A. ....	<i>Registrar</i>

## THE GRADUATE COUNCIL

GEORGE R. RACHFORD, Ed.D. ....	<i>Chairman of the Council and Associate Professor of Education</i>
CRAIG FULLERTON, Ed.D. ....	<i>Assistant Superintendent of Schools</i>
FRANK GORMAN, Ph.D. ....	<i>Dean, College of Education and Professor of Education</i>
GEORGE T. HARRIS, Ph.D. ....	<i>Professor of Business Administration</i>
WILLIAM E. JAYNES, Ph.D. ....	<i>Associate Professor and Head, Department of Psychology</i>
PAUL C. KENNEDY, Ed.D. ....	<i>Professor of Education</i>
D. N. MARQUARDT, Ph.D. ....	<i>Professor of Chemistry</i>
EDMUND G. MCCURTAIN, Ph.D. ....	<i>Professor and Head, Department of Sociology</i>
A. STANLEY TRICKETT, Ph.D. ....	<i>Professor and Head, Department of History</i>
RALPH M. WARDLE, Ph.D. ....	<i>Professor and Head, Department of English</i>

## THE GRADUATE FACULTY

FREDERICK W. ADRIAN. ....	<i>History</i>
Ph.D., Ohio State University, 1942; Professor	
RICHARD E. ALLEN. ....	<i>English</i>
Ph.D., Washington University, 1956; Assistant Professor	
PAUL L. BECK. ....	<i>History</i>
Ph.D., University of Nebraska, 1961; Assistant Professor	
HOLLIE BETHEL. ....	<i>Elementary Education</i>
Ed.D., University of Colorado, 1957; Professor and Head of Department	
THOMAS N. BONNER. ....	<i>History and Social Science</i>
Ph.D., Northwestern University, 1951; Professor and Head of Social Science Department	
MERLE E. BROOKS. ....	<i>Biology</i>
Ph.D., University of Colorado, 1956; Associate Professor	
KARL H. D. BUSCH. ....	<i>Biology</i>
Ph.D., Ohio State University, 1940; Professor and Head of Department	
JOSEPH G. DUNN. ....	<i>Elementary Education</i>
Ed. D., University of Missouri, 1955; Professor	
JAMES M. EARL. ....	<i>Mathematics</i>
Ph.D., University of Minnesota, 1928; Professor and Head of Department	
FRANK H. GORMAN. ....	<i>Education</i>
Ph.D., University of Missouri, 1931; Professor; Dean of the College of Education; Liaison Director, Child Study Service in co-operation with Omaha Public Schools	
ROBERT D. HARPER. ....	<i>English</i>
Ph.D., University of Chicago, 1949; Professor; Dean of College of Liberal Arts	
GEORGE T. HARRIS. ....	<i>Business Administration</i>
Ph.D., State University of Iowa, 1953; Professor	
FRANCIS M. HURST. ....	<i>Psychology</i>
Ed.D., Indiana University, 1954; Associate Professor	
WILLIAM E. JAYNES. ....	<i>Psychology</i>
Ph.D., Ohio State University, 1955; Associate Professor and Head of Department; Director, Industrial Testing and Institutional Research	
HARRY W. JOHNSON. ....	<i>Secondary Education</i>
Ph.D., University of Chicago, 1951; Assistant Professor; Director, Reading Improvement Laboratory	

- PAUL C. KENNEDY ..... *Secondary Education*  
Ed.D., University of Kansas, 1955; Professor and Head of Department
- W. C. B. LAMBERT ..... *Political Science*  
Ph.D., Washington University, 1950; Associate Professor
- D. N. MARQUARDT ..... *Chemistry*  
Ph.D., University of Iowa, 1940; Professor and Head of Department
- EDMUND G. MCCURTAIN ..... *Sociology*  
Ph.D., Washington University, 1951; Professor and Head of Department
- JOHN G. MCMILLAN ..... *Physics*  
M.A., University of Nebraska, 1942; Associate Professor and Acting Head of Department
- KIRK E. NAYLOR ..... *Education*  
Ed.D., University of Kansas, 1952; Professor; Dean of Administration
- JOHN M. NEWTON ..... *Psychology*  
Ph.D., Ohio State University, 1955; Assistant Professor
- B. GALE OLESON ..... *Education*  
Ph.D., University of Wyoming, 1953; Assistant Professor; Director, Academic Testing and Counseling
- WILFRED PAYNE ..... *Philosophy*  
Ph.D., University of Wisconsin, 1930; Professor and Head of Department of Humanities
- GEORGE R. RACHFORD ..... *Education*  
Ed.D., Indiana University, 1955; Associate Professor; Dean of Graduate Division
- ROY M. ROBBINS ..... *History*  
Ph.D., University of Wisconsin, 1929; Professor
- PAUL C. RODGERS ..... *English*  
Ph.D., Columbia University, 1955; Associate Professor
- GEORGE A. ROTHROCK, JR. .... *History*  
Ph.D., University of Minnesota, 1958; Assistant Professor
- DANIEL C. TREDWAY ..... *Elementary Education*  
Ed.D., University of Wyoming, 1959; Assistant Professor
- A. STANLEY TRICKETT ..... *History*  
Ph.D., The Victoria University of Manchester, England, 1935; Professor and Head of Department
- WILLIAM T. UTLEY ..... *Political Science*  
M.A., University of Arkansas, 1936; Professor and Head of Department; Director, Public Affairs Institute
- RALPH M. WARDLE ..... *English*  
Ph.D., Harvard University, 1940; Professor and Head of Department

## HISTORICAL SKETCH

The University of Omaha became a municipal university in 1930, but its history as an educational institution began more than 20 years earlier.

In 1908, through the efforts of a group of far-sighted citizens, the University of Omaha was incorporated as a coeducational, non-sectarian college. The first college term opened in September, 1909, under the leadership of Dr. Daniel E. Jenkins. The original campus was located at 24th and Pratt Streets.

The University grew rapidly in these early years. Its physical plant was developed through the acquisition of additional properties. The John Jacobs Memorial Gymnasium, a gift of Mrs. M. O. Maul, and Joslyn Hall, a gift of Mr. George A. Joslyn, were the major buildings.

The movement to make the University a municipal institution began in 1929. In that year the Legislature of Nebraska passed an act authorizing cities of the metropolitan class to establish and maintain municipal universities.

The citizens of Omaha voted on May 6, 1930, to establish the Municipal University of Omaha. In the summer of 1930, the Omaha Board of Education selected the first University Board of Regents, which was inducted into office on July 1, 1930. In January, 1931, the new Board of Regents took over the old University of Omaha and its properties.

In November, 1936, the University received a grant from the Public Works Administration. This grant, together with accrued building funds, financed in 1937-38 the erection of a modern educational structure of Georgian style on the permanent, 51 acre site south of Dodge Street at 60th.

Since the University of Omaha became a municipal institution, important advances have been achieved in faculty personnel, curricular reforms, administrative organization, scientific laboratories, and in library facilities during the presidencies of Dr. W. E. Sealock, 1931-1935, Dr. Rowland Haynes, 1935-48, and Dr. Milo Bail, who took office in 1948. The University now has five colleges, and a Graduate Division.

In 1949, the \$750,000 Fieldhouse, Stadium and playing fields were completed providing facilities in all sports. In the city election of May, 1951, Omaha citizens voted authority to the University to levy to the extent of two mills. In June, 1951, an Air Force ROTC unit was established. The \$850,000 Gene Eppley Library was completed in 1955.

In 1959, The Student Center Building and the Applied Arts-Classroom Building were completed for use in an expanded educational program.

## UNIVERSITY SERVICES

### THE GENE EPPLEY LIBRARY

The University Library offers excellent facilities for graduate study. It has a strong reference collection, over 650 current periodical subscriptions with bound files of scholarly journals, a general collection of 130,000 volumes, and 60,000 United States government documents, from the earliest period to the present.

Every effort is made to give the best possible service to students in their use of the library for research purposes. Special units of study on the subject of the library and the graduate student are incorporated into introductory research courses in the various fields with emphasis on reference tools, source books, bibliographies, catalogs, and indexes. The needs of graduate students in recent years have been given special consideration through the purchase of reference and source books, and purchase of back files of periodicals and journals. In addition, facilities for study in research rooms, and a curriculum laboratory have been provided.

Microcard and microfilm readers make possible the use of film and microcards particularly for files of older newspapers and periodicals. Through use of these means of reproduction the library has been able to strengthen its holdings of newspapers and periodicals for reference use.

The library is a contributing member of the Nebraska Union Catalog and the Bibliographical Center for Research. Through inter-library loan services the library is able to provide almost unlimited library resources.

The new library building, which cost one million dollars, is completely air-conditioned. It has many graduate research facilities: carrells and seminar rooms, as well as the facilities noted above.

### AUDIO-VISUAL

The Audio-Visual Department is designed to assist faculty and students in procurement, distribution, utilization, and evaluation of audio-visual materials and equipment. All films, film strips, slides, and recordings are listed in the Library card catalog. The service is particularly valuable to students who are planning to go into the teaching profession.

There is increasing need for each of the services of the Department:

- (1) To provide information, materials, and equipment to University faculty and classes;
- (2) To provide photographic services, including darkroom facilities for classes and student publications;
- (3) To schedule and arrange appropriate exhibits in the display cases;
- (4) To provide a graphic arts service;
- (5) To provide pre-service and in-service training in audio-visual education for teachers and education students;
- (6) To provide audio-visual materials and consultation to schools and community groups.

## STUDENT HEALTH SERVICE

All full-time students must complete physical examinations in the University Health Office before admittance to the University.

No full-time registration is complete until the University Health Nurse, Room 250, has stamped the student's identification card with his health rating.

While the treatment of disease and the correction of defects is left to the family physician, this Office conducts a program of education in correct health habits, takes a sympathetic interest in the student's problems and anxieties over his physical condition, and aims to encourage him and support him in his efforts to establish and maintain a high level of health and well-being.

First aid is given in case of accidents or illness. This service is extended to all persons on the campus, but other services of the Office are for students only. Students with symptoms of illness are expected to report to the University Health Office instead of to their classes. Thus communicable illness can be identified at the earliest possible moment, the student advised to consult his physician, and the general student body protected against the spread of infection.

## PLACEMENT

### TEACHER PLACEMENT

The Office of Teacher Placement is maintained by the College of Education in Room 213. This Office endeavors to assist all qualified students and former students in locating and securing teaching positions.

School administrators and school boards are cordially invited to make full use of the services offered by the Office of Teacher Placement in their efforts to secure competent teachers for their schools.

There is a charge of six dollars for the initial registration in Teacher Placement.

### STUDENT PLACEMENT

Students desiring employment should register in Room 248. The Placement Office is maintained to assist students in selecting suitable vocations, in developing successful interview techniques, and in obtaining career jobs.

Part-time jobs that fit into class schedules may require considerable time to arrange. Applications should be made well in advance. The Place-



ment Office makes an active effort to obtain employment for all students desiring jobs. It cannot, however, guarantee to secure employment for every student.

### INTERNSHIPS AND ASSISTANTSHIPS

Graduate Internships in biology, education (elementary, secondary, guidance, reading, school administration), college business management, English, history, psychology (general, industrial), physical education (men's), social science, and sociology are available for all qualified students.

Internships carry stipends of \$1,600 each with the remission of tuition. The graduate program for such students is limited to approximately 12 hours a semester. An intern must be a graduate student enrolled in a program of courses carrying credit toward a Master's degree in the particular department in which the Internship has been granted. The purpose of the Internship is to provide the student with practical experience which will be of co-ordinate or supplementary value to his degree work. This professional activity requires approximately 20 hours a week. Assistantships in Psychometry consisting of one year of graduate study with practical experience in the field of individual intelligence and aptitude testing and the group testing of children are available in the Child Study Center which is operated in cooperation with the Omaha public schools. Psychometrists are to be on duty from August 15 to July 15 and are to work 30-35 hours per week. Each assistantship in Psychometry carries a stipend of \$2,500 plus the remission of tuition.

Applications and their supporting credentials must be received on or before March 1. Address requests for information and applications to the Dean of Graduate Division.

Some departments have Assistantships available to graduate students. Applications should be made to the head of the department in which the student plans to take his graduate major.

### BOOK STORE

Textbooks and necessary supplies may be purchased in the Book Store, located in the Student Center, only by the students and faculty of the University of Omaha. Clerks may require students to show identification cards at any time and the Book Store Manager may refuse to sell merchandise which he has reason to believe is going to persons other than students or faculty.

Used books may be sold to the Book Store on a cash "buy back" basis or left "on consignment." A commission of 10 per cent will be retained by the Book Store and the balance of the sale price remitted to the student. All sales in the Book Store are on a strictly cash basis.

### DINING FACILITIES

The Cafeteria and the Ouampi Room are not public restaurants. Because of the distance of the University from the main business district, the Cafeteria and the Ouampi Room are maintained for the convenience of the students and the faculty. Student activity cards may be demanded by the cashier at any time. Students may bring guests occasionally, but the practice is not encouraged.

All food is dispensed on a strictly cash basis. No one may defer payment for meals. Food and beverages may not be taken to other parts of the building for consumption.

### THE SUMMER SESSION

The Summer Session of the University gives graduate students an exceptional opportunity to study for the Master's degree. Every effort is made to make the summer work as attractive and valuable as that of the other sessions. Outstanding authorities from all over the country are sought for workshops, institutes, and courses of instruction.

All classroom buildings, the Gene Eppley Library and the Student Center are air-conditioned.

### EVENING DIVISION

A major number of graduate courses are offered in the Evening Division of the College of Adult Education. For this reason the graduate student should consult the schedules and bulletins of the College of Adult Education for the most recent information on particular courses and registration information. A student with a full-time position can take as many as six credit hours per semester in evening work. Practically all of the graduate faculty offer courses in the evening schedule.

### SOCIAL ORGANIZATIONS

**The Graduate Club** is open to all graduate students, both men and women. There are four meetings a year.

**Phi Delta Gamma** is a national fraternity for graduate women in all fields. Membership is by invitation.

**Phi Delta Kappa** is a national fraternity for men who are graduate students in education. Membership is by invitation.

## THE GRADUATE DIVISION

GEORGE R. RACHFORD, *Dean*

### HISTORY AND PURPOSE

The first Master's degree was awarded by a special vote of the Board of Regents of the "old" University of Omaha in June 1931. Graduate work leading to the Master of Arts degree was authorized by the newly organized Municipal University, September 1931, to be supervised by a Committee on Graduate Studies. In 1942, the Graduate Division was established. The degree of Master of Science in Education was approved in 1948. In 1954, the Committee on Graduate Studies became the Graduate Council and the Chairman became the Director of the Division. In 1960, the Board of Regents authorized a year of graduate study in Education beyond the Master's degree.

The Graduate Division of the University of Omaha was established to provide the opportunity for advanced study and independent investigation in a limited number of fields of learning for qualified students:

- (1) To work toward a Master of Arts or Master of Science in Education degree.
- (2) To earn graduate credit for the issuance or renewal of certificates for teachers and administrators.
- (3) To provide for professional advancement and scholarly objectives.

Consistent with these objectives, numerous opportunities are provided for advanced students to pursue their studies to the point of original research and investigation, to the discovery of facts, methods, or values. Under the guidance of a major adviser, the student must rely upon his own initiative to apply the principles of methodic study; to master, criticize, and evaluate; and to discover the existing literature in a chosen field of study. To enable the student to attain these objectives, the Graduate Division provides the following facilities: workshops, institutes, seminars, research and special problems courses, supervised thesis instruction, and the supervision of special projects in undergraduate courses open to graduate credit.

Thus the Graduate Division promotes the spirit of free investigation and free inquiry in the various fields of knowledge, and at the same time serves to unite the various branches of the University in the common task of advancing human knowledge and providing for society intelligent, capable leadership.

### ADMINISTRATION

The Dean of the Graduate Division is nominated by the President and appointed by the Board of Regents. The Graduate Council, which is the legislative and executive body of the Division, prescribes the qualifications of all professors who offer graduate work and approves all courses which may be taken for graduate credit. The Dean is Chairman of the Council. The members of the Council are chosen by the President. Members of the Graduate Faculty are recommended by the Council and approved by the President.

Membership on the Graduate Faculty is subject to the following prerequisites: a Doctor's degree, or a demonstrated interest in scholarly research and graduate teaching, as well as the recommendation of the Dean of the college concerned. Members of the Graduate Faculty serve on the final comprehensive examination committees, as well as counsel the graduate student in his major and minor work. They are also primarily responsible for arranging those courses within their departments which are offered for graduate credit.

### AIMS AND OBJECTIVES

#### LIBERAL ARTS

The graduate program in the College of Liberal Arts is designed to meet a variety of needs. By offering advanced study in Humanities, Social Sciences, and Natural Sciences, it emphasizes, as does the undergraduate program, the non-material aspects of life, providing for the student a fuller understanding and richer appreciation of man's intellectual and cultural heritage. In addition to these general objectives, the program leading to the Master of Arts degree offers a year of graduate work to students who plan to proceed to the doctorate. It is also adapted to the needs of secondary teachers who wish to do their graduate work entirely within the area of their respective teaching fields. A further objective is to furnish graduate students in the College of Education a sufficient variety of academic electives to satisfy the various programs in that college.

The College of Liberal Arts now offers major programs in five fields—English, history, psychology, sociology, and general science—and minor programs in nine additional fields. With the increasing interest in graduate work and the growing research facilities of the University, it is anticipated that additional major programs will become available in the near future.

#### EDUCATION

The graduate program in the College of Education has been organized to afford workers in the profession an opportunity to pursue advanced courses in terms of their abilities, interests, and needs. The complexity of modern democratic society places a premium on trained leadership to guide and direct it intelligently. Particularly is this true of the teaching profession, where the teacher is responsible for establishing an environment conducive to the training of citizenry for effective living in a democracy. The specific problems which teachers face in their respective teaching-learning situations become the subject matter for intensive study in the Graduate Division. The teaching-learning situation is literally put under the microscope by experts in elementary and secondary education, educational, child, and adolescent psychology, tests and measurements, and educational history and philosophy, as they aid teachers in solving their own problems. Thus, the graduate courses are vitalized by the practical applications and improvements which teachers are able to make in their teaching-learning situations.

Graduate students are expected to become familiar with the latest research in educational methods and techniques. At the University of Omaha, they are given opportunities to engage in the study of child growth and development, while continuing their studies in the teaching subjects. Workshops in curriculum building, as well as clinics in language arts, reading, and child psychology are definite parts of the program. Teachers who wish to advance in the profession by becoming principals, supervisors, or superintendents may take a graduate program leading to these particular certificates.

The University brings nationally recognized authorities to the campus to conduct conferences and clinics in various phases of educational administration and supervision. Teachers, supervisors, and administrators are thus enabled to secure specific aid which will be of value to them in the solution of their individual teaching-learning problems.

## ADVANCED DEGREES

The Master's degree is conferred by the Board of Regents upon the recommendation of the University Faculty supported by that of the Graduate Council.

The Division offers work toward the following degrees: the Master of Science with major in education degree; and the Master of Arts with majors in education, English, history, psychology, sociology, and general science.

The Master of Arts degree with a major in general science is designed primarily to present an opportunity for the teacher of science to increase his knowledge in those scientific disciplines in which he may be deficient. The emphasis of this major shall be to extend and broaden the student's concept of science through a study of the several disciplines that constitute this area.

## CO-OPERATIVE PROGRAM LEADING TO THE DOCTOR OF EDUCATION DEGREE

The University of Omaha in co-operation with Indiana University School of Education (Bloomington, Indiana), has arranged a program under which a student who wishes to complete the Doctor of Education degree may take all or part of the second year of graduate work at the University of Omaha, and then take the third year of work, leading to the degree, at Indiana University. For further details concerning this program, and the transfer of work beyond the Master's degree to other institutions, please consult the Dean of Graduate Division at the University of Omaha.

## THE MASTER OF ARTS DEGREE

The program for the Master of Arts degree in education, English, history, psychology, and sociology will usually be arranged to conform to the following general pattern:

- (1) A major of 15 semester hours in the major field of study.
- (2) A minor of nine semester hours in a related field of interest.
- (3) A thesis not to exceed six semester hours in independent study under the direction of the major adviser.

The program for the Master of Arts with a major in general science degree will be directed by a Graduate Science Committee consisting of the Dean of the Graduate Division and the department heads of each of the science departments: biology, chemistry, mathematics, and physics. Each candidate will be assigned an adviser who will be responsible for the candidate's curriculum and thesis in accordance with the policies established by the Graduate Science Committee.

*Prerequisites:* An applicant for full admission to the graduate program in science must present, as a minimum, the following prerequisites:

- Inorganic or General Chemistry ..... two semesters  
 General Physics ..... two semesters  
 Mathematics, through Analytic Geometry  
 Complete a two-semester course in biological sciences: General Biology,  
 General Zoology or General Botany

*Degree Requirements:* The degree requires a minimum of 36 semester hours for completion. Candidates must complete a minimum of 30 semester hours of approved course work and, in addition, submit a thesis, credit for which will be allowed to a maximum of six semester hours. Courses leading to the degree will be distributed across the science areas according to the needs of the student with a maximum of fifteen semester hours allowed in any one field.

In general, the student's program will include at least one course in each of the following fields: chemistry, physics, mathematics, biology.

Any deficiency in a basic zoological, botanical, chemistry, physics, or mathematics course must be made up but may not be counted as part of the 36 hour graduate requirement.

(Modification of a program of study once approved is permissible only upon consent of the major adviser if the major is concerned, and minor adviser if the minor is concerned. The student may elect a major concentrated in one area upon recommendation of the head of the major department).

(See page 36 for course offerings in general science)

## THE MASTER OF SCIENCE DEGREE

This degree is designed primarily for the master teacher, supervisor, or administrator. It is granted upon the completion of a program of advanced study to students who are working professionally in the field of education.

The student's program will consist of 36 semester credit hours, always including: Education 501, *Educational Research*, in the first nine hours; Psychology 551, *Advanced Educational Psychology*; and Education 550, *Seminar*, or Education 532, *History and Philosophy of Education*, and will usually be arranged to conform to the following general pattern:

- (1) Twenty-one to 24 semester hours in the major field of specialization; such as, elementary education, secondary education, educational administration, and guidance.
- (2) Nine to 12 semester hours in a minor field.
- (3) Curricula in administration will also include Education 540, *Practicum*.

The patterns of courses cover three areas: professional education, specialized teaching fields, and directed academic electives.

Professional education may include curricula in the following fields: administration, supervision, secondary education, elementary education, educational guidance, master teacher preparation, nursing education, and college business management.

Students may major in the following fields: elementary education, guidance, public school administration, secondary education, nursing education, special education, and college business management. Minor fields include: audio-visual education, education (for those majoring in academic fields), elementary education, physical education for men, reading, secondary education, special foundations of education, and others. Consult the College of Education for the exact courses included in the above major and minor fields.

The program in the major field will be determined by the student and his major adviser; the minor by the student and his minor adviser.

(Modification of a program of study once approved is permissible only upon consent of the major adviser if the major is concerned, and minor adviser if the minor is concerned. The student may elect a major concentrated in one area upon recommendation of the head of the major department).

## MAJOR FIELDS

Students pursuing a Master of Science degree with a major in education shall be expected to take at least nine semester hours in academic electives.\* These should preferably be in courses other than those offered in the College of Education. These

courses shall be selected on the basis of advisement and availability. For purposes of brevity, such courses shall be designated as academic electives. The following are suggested programs only which may apply to the Master of Science in Education degree and the Master of Arts degree with a major in education:

#### Master Teaching Major — Elementary

\*\*I. Academic Electives ..... 15 hrs.  
II. Required Courses ..... 12 hrs.

- Ed. 501, Intro. to Research  
Ed. 506, Administration and Supervision in the Elem. School  
Ed. 550, Educ. Seminar (or Thesis)  
Psy. 551, Advanced Educ. Psych.
- III. Select three courses from the following:  
Ed. 418, Mental Health in the School  
Ed. 461, Audio-Visual Materials in Educ.  
Ed. 473, Problems in Teaching Reading in the Elem. School  
Ed. 504, Curriculum Planning  
Ed. 511, Tool Subjects in the Elem. School  
Ed. 512, Cultural and Content Subjects in the Elem. School

#### Elementary Education Major

\*\*I. Academic Electives ..... 9 hrs.  
II. Required Courses ..... 24 hrs.

- Ed. 501, Intro. to Research  
Ed. 473, Problems in Teaching Reading in the Elem. School  
OR  
Ed. 477, Diagnostic and Remedial Instruction  
Ed. 506, Administration and Supervision in the Elem. School  
Ed. 511, Tool Subjects in the Elem. School  
Ed. 512, Cultural and Content Subjects in the Elem. School  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 550, Educ. Seminar (or Thesis)  
Psy. 551, Advanced Educ. Psych.
- III. Select one course from the following:  
Ed. 454, The Junior High School  
Ed. 504, Curriculum Planning

\* Except where otherwise specified.

\*\* Students who elect to take the M.A. degree will also reduce their electives by three hours.

\*\*\* Students may elect to take alternate of required subject; e. g., Ed. 507 in required area, then Ed. 514 can be taken as an elective or vice versa.

#### Elementary Administration

\*\*I. Academic Electives ..... 9 hrs.  
II. Required Courses ..... 18 hrs.

- Ed. 501, Intro. to Research  
Ed. 502, Principles of School Administration  
Ed. 506, Administration and Supervision in the Elem. School  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 540, Practicum  
Psy. 551, Advanced Educ. Psych.
- III. Select two courses from the following:  
Ed. 418, Mental Health in the School  
Ed. 461, Audio-Visual Materials in Educ.  
Ed. 473, Problems in Teaching Reading in the Elem. School  
Ed. 504, Curriculum Planning  
Ed. 510, Research Project  
Ed. 511, Tool Subjects in the Elem. School

#### Master Teaching Major — Secondary

\*\*I. Academic Electives ..... 18 hrs.  
II. Required Courses ..... 12 hrs.

- Ed. 501, Intro. to Research  
\*\*\*Ed. 507, Administration and Supervision in the Secondary School  
OR  
Ed. 514, Improvement of Secondary School Instruction  
Ed. 550, Educ. Seminar (or Thesis)  
Psy. 551, Advanced Educ. Psych.

- III. Select two courses from the following:  
Ed. 418, Mental Health in the School  
Ed. 454, The Junior High School  
Ed. 458, Co-Curricular Activities  
Ed. 474, Problems in Teaching Reading in the Secondary School  
Ed. 502, Principles of School Administration  
Ed. 504, Curriculum Planning  
Ed. 507, Administration and Supervision in the Secondary School  
Ed. 514, Improvement of Secondary School Instruction  
Ed. 520, Principles of Guidance

#### Secondary Education Major

\*\*I. Academic Electives ..... 12 hrs.  
II. Required Courses ..... 24 hrs.

- Ed. 501, Intro. to Research  
Ed. 507, Administration and Supervision in the Secondary School  
Ed. 474, Problems in Teaching Reading in the Secondary School  
Ed. 454, The Junior High School  
Ed. 458, Co-Curricular Activities  
Ed. 520, Principles of Guidance  
Ed. 532, Hist. and Phil. of Educ.  
OR  
Ed. 550, Educ. Seminar (or Thesis)  
Psy. 551, Advanced Educ. Psych.

- Ed. 512, Cultural and Content Subjects in the Elem. School  
Ed. 550, Educ. Seminar

#### Public School Administration

\*\*I. Academic Electives ..... 6 hrs.  
II. Required Courses ..... 21 hrs.

- Ed. 501, Intro. to Research  
Ed. 502, Principles of School Administration  
Ed. 505, School Business Management  
Ed. 506, Administration and Supervision in the Elem. School  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 540, Practicum  
Psy. 551, Advanced Educ. Psych.
- III. Select two courses from the following:  
Ed. 458, Co-Curricular Activities  
Ed. 461, Audio-Visual Materials in Educ.  
Ed. 473, Problems in Teaching Reading in the Elem. School

- Ed. 474, Problems in Teaching Reading in the Secondary School  
Ed. 481, Principles of Adult Education  
Ed. 503, School Plant Planning and Operation  
Ed. 504, Curriculum Planning  
Ed. 507, Administration and Supervision in the Secondary School

- Ed. 510, Research Project  
Ed. 514, Improvement in Secondary School Instruction  
Ed. 515, School Law  
Ed. 550, Educ. Seminar

#### Nursing Education

\*\*I. Academic Electives ..... 9 hrs.  
II. Required Courses ..... 27 hrs.

- Ed. 501, Intro. to Research  
Ed. 461, Audio-Visual Materials in Educ.  
Ed. 481, Principles of Adult Education  
Ed. 509, Organization and Administration in Nursing Educ. Programs  
Ed. 524, Counseling Practices (Prereq: Ed. 520 or permission of Instructor)  
Ed. 549, Topics in Nursing Educ.  
Ed. 532, Hist. and Phil. of Educ.  
Psy. 432, Tests and Measurements  
Psy. 551, Advanced Educ. Psych.

#### Secondary Administration

\*\*I. Academic Electives ..... 9 hrs.  
II. Required Courses ..... 18 hrs.

- Ed. 501, Intro. to Research  
Ed. 502, Principles of School Administration  
Ed. 507, Administration and Supervision in the Secondary School  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 540, Practicum  
Psy. 551, Advanced Educ. Psych.
- III. Select two courses from the following:  
Ed. 458, Co-Curricular Activities  
Ed. 461, Audio-Visual Materials in Educ.  
Ed. 474, Problems in Teaching Reading in the Secondary School  
Ed. 481, Principles of Adult Education  
Ed. 503, School Plant Planning and Operation  
Ed. 504, Curriculum Planning  
Ed. 505, School Business Management

- Ed. 506, Administration and Supervision in the Elem. School  
Ed. 510, Research Project  
Ed. 514, Improvement of Secondary School Instruction  
Ed. 515, School Law  
Ed. 520, Principles of Guidance  
Ed. 550, Educ. Seminar

#### Guidance

I. Required Courses ..... 30 hrs.

- Ed. 501, Intro. to Research  
Ed. 520, Principles of Guidance  
Ed. 521, Organization and Administration of Guidance  
Ed. 522, Occupational and Educ. Information  
Ed. 523, Individual Analysis  
Ed. 524, Counseling Practices  
Ed. 540, Practicum  
Ed. 550, Educ. Seminar  
Psy. 411, Statistical Methods  
Psy. 551, Advanced Educ. Psych.
- II. Directed Electives:  
Psy. 553, Individual Mental Tests  
Psy. 444, Abnormal Psych.  
Psy. 452, Child Psych.  
Soc. Any three hours

† Students who elect a major in School Administration must have had three years of successful teaching experience prior to admission to the program. Students who elect a major in Guidance must have had two years of successful teaching experience prior to admission to the program.

#### Foundations of Education (General Education)

\*\*I. Academic Electives ..... 12 hrs.  
II. Required Courses ..... 12 hrs.

- Ed. 501, Intro. to Research  
Ed. 532, Hist. and Phil. Educ.  
Ed. 550, Educ. Seminar (or Thesis)  
Psy. 551, Advanced Educ. Psych.
- III. Select four courses from the following:  
Ed. 481, Principles of Adult Educ.  
Ed. 500, Special Studies  
Ed. 506, Administration and Supervision in Elem. School  
Ed. 507, Administration and Supervision in the Secondary School  
Ed. 520, Principles of Guidance  
Phil. 421, Men and Ideas  
Phil. 422, Men and Ideas

#### Special Education

I. Required Courses ..... 30 hrs.

- Ed. 501, Intro. to Research  
Ed. 425, Observations and Student Teaching  
Spec. Ed. 420, Hist., Educ. and Guidance of the Deaf  
Spec. Ed. 421, Teaching Speech to the Deaf I  
Spec. Ed. 422, Teaching Speech to the Deaf II  
Spec. Ed. 423, Teaching Lang. to the Deaf I  
Spec. Ed. 424, Teaching Lang. to the Deaf II  
Spec. Ed. 433, Method of Teaching Speech Reading  
Spec. Ed. 434, Teaching Elem. School Subjects to the Deaf I  
Spec. Ed. 435, Teaching Elem. School Subjects to the Deaf II  
Spec. Ed. 437, Hearing Tests and Auditory Training  
Spec. Ed. 438, Auditory and Speech Mechanisms

II. Select two courses from the following:

- Psy. 444, Abnormal Psy.  
Psy. 552, Psy. of the Exceptional Child  
Ed. 418, Mental Health in the School  
Ed. 473, Problems in Teaching Reading in the Elem. School  
Ed. 532, Hist. and Phil. of Educ.

## College Business Management

A degree for administrators of colleges and universities — presidents, business managers, accountants, comptrollers, purchasing agents, registrars, etc. For more complete details of this program, write to the Dean of Graduate Division or the Dean of the College of Education.

A substantial portion of this degree-program consists of short-courses (Education 546, *College Business Management*, 2 hours credit), offered during one week of the summer session, generally the last week in July.

In addition to the four to 10 hours in short-courses, the candidate for the Master's degree will offer 12 hours of standard courses in the field of education as noted below (Education 481G, 500, 532, and 550). Academic electives comprising 18 to 21 credit hours, may be taken from graduate level courses in education, economics, political science, psychology, or business administration. In total hours, in workshops, regular education courses, and electives, the student must present a total of 36 hours for the Master of Science in Education degree. If the student desires, he may receive a Master of Arts degree in Education by presenting 24 hours of course work and by writing a thesis of three to six hours credit in place of a corresponding number of hours of elective work. It will be noted that as many as six hours of credit may be transferred from other accredited graduate schools, provided the transferred credits can be fitted into the degree program.

Prerequisite: Bachelor's degree from an accredited institution and preparation in accounting and major work in either business administration or education. Students with inadequate preparation in accounting must achieve reasonable proficiency in order to be admitted to the program for degree.

\*I. Academic Electives ..... (Not to exceed 21 hrs.)  
(From graduate level courses in education, political science, psychology, or business administration.)

II. Required Courses ..... 15 hrs.  
Ed. 481, Principles of Adult Education  
Ed. 500, Special Studies (Subject to be associated with college business management and report worthy of publication)  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 546, College Business Management ..... (Not to exceed 10 hrs.)  
Ed. 550, Educ. Seminar

## MINOR FIELDS

## Audio-Visual

Ed. 461, Audio-Visual Materials in Educ.  
Ed. 468, Audio-Visual Production  
Ed. 508, Topics in Audio-Visual Educ.

## Physical Education for Men

P.E. 493, Measurement and Evaluation in P.E.  
P.E. 497, Problems in P.E.  
P.E. 526, Adv. P.E. Activities  
P.E. 527, Advanced Organization and Administration of P.E.

## Education

Ed. 501, Intro. to Research  
Ed. 532, Hist. and Phil. of Educ.  
Ed. 550, Educ. Seminar

## Reading

Ed. 473, Problems in Teaching Reading in the Elem. School  
Ed. 474, Problems in Teaching Reading in the Secondary School  
Ed. 477, Diagnostic and Remedial Instruction  
Ed. 500, Special Studies

## Academic Minors

At least nine hours in any one of the following subjects: English, history, political science, psychology, sociology, biology, chemistry, economics, French, German, Spanish, and mathematics

## RULES, REGULATIONS, AND PROCEDURES

## ADMISSION AND TRANSCRIPTS

Admission to the Graduate Division is granted to students who hold a baccalaureate degree *from an accredited institution*, and who offer *at least fifteen hours* of undergraduate work in the department of the proposed graduate major. Upon the recommendation of the department head concerned a student may be admitted to study in a proposed minor area with nine hours of undergraduate preparation.

Application for admission should be made on a form-sheet obtainable from the Graduate Office (Room 284); and, except in the case of graduates of the University of Omaha, *must be accompanied by an official transcript of the applicant's undergraduate record and graduate record* if any has been made in another institution. Application for admission, together with transcripts, must be filed not only by those students desiring to work for a degree, but also by students desiring certification of graduate credit for a teacher's license or for graduate credit to be transferred to some other graduate school.

The application blank should be completed by the student in consultation with his major adviser — that is, the professor under whom he is planning to do the major portion of his graduate work. The major adviser will check the undergraduate preparation of the student and determine whether or not it is sufficient for the field of graduate study. The adviser's form sheet, bearing his signature, is then returned immediately to the Graduate Office. If the undergraduate study is found to be satisfactory the student will be admitted to the Graduate Division and the Dean will confirm the admission by mail.

The application for admission and the transcripts of undergraduate credits, or any other transcripts of credits, should be on file at the Graduate Office of the University of Omaha *at least three weeks before the semester in which the student desires to matriculate*. A student whose application is received too late for proper review may be admitted *provisionally*. The *provisional* status will not be removed until one month after the opening of the semester.

Foreign students must provide letters of recommendation, statements of financial independence, and evidence of ability to speak and write the English language. The baccalaureate degree must have been received from an institution accredited by the proper accrediting agencies.

Admission to the Graduate Division does not admit the student to candidacy for the Master's degree. (See page 26, "Candidacy".)

## REGISTRATION PROCEDURE

The student is to follow the usual procedure in registering for courses by filling out the proper class-cards and other registration blanks, and by paying fees at the business office. At the time of each semester's registration, the student must secure the signature of his major adviser and of the Director.

Any student holding a baccalaureate degree should register in the Graduate Division, unless he seeks an additional *undergraduate* degree. Graduate students who are not working toward a Master's degree are regarded as "Unclassified" students. *Unclassified* students include:

- (1) students working for graduate certification in teaching certificates
- (2) graduate students taking a Master's degree in another graduate school
- (3) graduate students working for professional growth
- (4) graduate students working for cultural advancement
- (5) graduate students whose admission is on a provisional basis; i.e. advanced seniors, students who have undergraduate deficiencies, students from unaccredited institutions, etc.

*Graduate Work For Certification and Professional Growth:* Students who wish to take courses for graduate credit to be used for certification purposes or professional growth should consult the Dean of the College of Education. They must also make application for admission to the Graduate Division and at the same time file an official undergraduate transcript in the Graduate Office.

Students who are preparing to meet the requirements for an Administrative or Supervisory Certificate must submit to the Office of the Dean of the College of Education, at the time of application for certification, the names of three persons who can vouch for their personal and professional qualifications as a prospective school administrator.

## TUITION AND FEES

All courses numbered 500 or above and all work leading to the Master's degree, as well as work to be certified as graduate work, must be charged at the graduate rate of tuition. Undergraduate courses may be taken for professional growth purposes or for teacher certification (provided graduate credit is not required) — and in such cases, the undergraduate rate of tuition is charged.

## TUITION CHARGES:

Day courses, per credit hour. . . . .	\$ 12.50
Evening courses, per credit hour. . . . .	12.50
Summer session, one credit hour. . . . .	12.50
three credit hours. . . . .	37.50
six credit hours. . . . .	75.00
nine credit hours. . . . .	112.50

(Non-residents of the City of Omaha pay an additional ~~\$7.50~~ <sup>9.00</sup> per credit hour.)

## FEES:

Registration, Day student . . . . .	\$ 5.00
Evening student . . . . .	2.00
Summer student . . . . .	2.00
Matriculation (paid only once) . . . . .	10.00
Laboratory Fees . . . . .	\$12.50
Ed. 540, Practicum	
Ed. 425, Special Education	
Activity Fee: Payable each time a student registers	
Day School . . . . .	\$12.00
Payable by every student registered for day classes carrying six or more hours. Covers athletics, publications, general student activities, and student center.	
Any student carrying less than six hours must pay a minimum student center fee of \$1.50. He may purchase an activity ticket by paying an additional fee.	
Evening student . . . . .	\$ 1.50
Summer student (per session) . . . . .	2.00
Health Service, Day student. . . . .	\$ 2.00
Summer student . . . . .	1.00
Change of schedule. . . . .	5.00
Late Registration . . . . .	3.00
Second day, and thereafter, during first week, additional fee. . .	3.00
No registration after second week without special permission of the Dean.	
Graduation Fee . . . . .	15.00
(covers diploma, cap and gown)	
Thesis Binding Fee . . . . .	10.00
(covers three copies)	
Transcripts of credit. . . . .	first one free.
(Additional copies, \$1.00 each.)	

### ADMISSION TO CANDIDACY FOR DEGREE AND PROGRAM OF STUDY

Admission to the Graduate Division does not admit the student to candidacy for the Master's degree. After nine hours of graduate work have been completed the Graduate Council will vote upon candidacy for the degree. It is the responsibility of the student to make application for candidacy for the degree as soon as possible after the completion of nine hours of work. No degree can be awarded in the same semester as candidacy for degree is voted.

Application forms may be obtained at the Graduate Office, Room 284, and should be filled out by the student in consultation with his major adviser. Both the major and minor programs are finally arranged at this time and must be signed by the major and minor advisers. The candidacy for the degree application together with the programs of study must be returned to the Graduate Office for filing, and the student will be notified of the action of the Graduate Council upon his application for candidacy for the degree.

Any modification of a program of study once approved is permissible only upon consent of the major adviser if the major is concerned, and of the minor adviser if the minor is concerned. Blanks for change of program can be obtained at the Graduate Office. The student may elect to take a straight major upon recommendation of the head of the major department.

A grade average of "B" is required for admission to candidacy for degree.

### APPLICATION FOR THE DEGREE

The candidate for the degree must register in the Registrar's Office in the semester or session in which the degree is to be granted. The graduate fee must be paid at the same time as the application is made.

### THESIS

All candidates for the Master of Arts degree are required to prepare a thesis under the direction of the major adviser. The thesis provides an opportunity for the student to obtain first-hand experience in research methods under competent direction. Up to six hours of credit is allowed for the thesis and the candidate must include the thesis as a course in his schedule during one semester in residence. The thesis should be initiated at least eight months before the commencement in which the student plans to receive his degree. Three typewritten copies of the thesis (two copies for the University Library and the student's personal copy), plus an additional copy if required by the department, must be approved by the major adviser

and submitted to the Graduate Office in final form no later than the second week in November in the fall semester, the third week in March in the spring semester, or the second week of the summer session. The first copy should be on bond paper of 20-pound weight; the other two copies should be on paper of at least 16-pound weight. Either pica or elite type may be used in typing.

*Thesis Manual:* The responsibility for placing the thesis in final form rests with the student and his major adviser. All theses must be written in accordance with a standard thesis manual. The Graduate Council has approved an official manual for each department and the student will be advised by his major adviser of the standard form to be used.

The cost of binding three copies (see fees) must be paid by the candidate at the time the thesis is submitted in final form to the Graduate Office. If the department conducting the thesis requires an additional copy, it is to be bound at departmental expense. The fees are payable in the Cashier's Office.

### FINAL COMPREHENSIVE EXAMINATION

A final comprehensive examination is required of all candidates for the Master's degree near the conclusion of their graduate study. For those who are candidates for the 36 hour Master of Science in Education degree, the examination is a written examination held on a specified date: the second Saturday in January, the first Saturday in May, and the last week of the first term of the Summer Session.

For the degree of Master of Arts, the final comprehensive examination may be either written or oral. If written, it must be arranged at the convenience of the major adviser. Candidates for the Master of Arts degree, and those Master of Science degree candidates who are taking a comprehensive examination in the field of the academic minor must have completed both the major and minor comprehensives not later than 30 days prior to the convocation at which the degree is to be granted during the regular semesters, and not later than the first week of the second term of the Summer Session. If the comprehensive is to be oral, it should be arranged at the time of the oral examination over the thesis, at which time one-half of the examination can be devoted to the courses taken by the candidate, and one-half to the thesis.

If the course work has been of very high quality, the minor professor may excuse the candidate from the comprehensive examination covering the minor field. This does not prejudice the privilege of the minor professor giving a comprehensive, if he so desires. The minor comprehensive is given at a date arranged at the convenience of both the student and the minor adviser, but falling within the limits established for all comprehensive examinations.

### ORAL EXAMINATION ON THESIS

After the thesis has been delivered to the Graduate Office in final form, the Dean, upon nomination from the major adviser, will appoint a committee to read the thesis and to conduct the oral examination over the thesis and thesis field. This committee shall consist of members from the major department and at least one graduate faculty member from another department of the University. If the thesis examination is to be combined with the oral comprehensive (noted above), one-half the time shall be devoted to the thesis, and one-half to the graduate courses taken by the candidate.

Final comprehensive oral examinations must be taken at least 30 days before the convocation at which it is expected that the degree will be conferred.

Oral examinations cannot be scheduled during the period between the close of the first term of the Summer Session and the beginning of the subsequent fall semester.

### TIME LIMIT FOR ALL MASTER'S DEGREES

In evaluating credits earned toward an advanced degree, credits dating back five years or more are subject to reduction in value as determined by the Graduate Council. Once a student has been admitted to the Graduate Division, he is expected to have completed the requirements for the degree within a period of five years. Time spent in the military service of the United States is excepted in the application of this rule.

### QUALITY OF WORK

A "B" average, with no grade lower than "C" must be maintained in all work taken as part of the requirements for the degree. A final grade of "C" in each of two courses will require action on the part of the Graduate Council before the student is allowed to count further work toward the degree.

A course in which a student has received a "failing" grade may not be repeated or another course substituted for it.

INC.—A student may be reported "incomplete" if some major portion of the work remains unfinished, provided the student's standing in the course is not below "D". An incomplete must be made up during the first nine weeks of the following semester. After this time an "Inc." becomes a failure, unless the Dean of the Graduate Division has approved an extension of the time limit.

Grades made in courses that are not a part of the requirements for the degree are not counted as a part of the grade requirements.

For other rules governing grades, withdrawal from courses, incompletes, etc., see the General University Catalog. For rules on absence, see the General University Catalog.

### STUDY-LOAD

An average study load for a full time student is 12 hours of course work. The average load for anyone working full time on another job is six hours of course work.

### COURSES FOR GRADUATE CREDIT

Courses which are available for graduate credit are those which have been especially approved by the Graduate Council with syllabi on file in the Graduate Office.

Students taking Upper-Division undergraduate courses (300 and 400 numbered) for graduate credit are expected to do supplementary work under the direction of the instructors of the courses.

### RESIDENCE REQUIREMENTS

A minimum of 30 semester credit hours in residence (36 in case of the Master of Science in Education degree), is required for granting of the Master's degree, except as provision is made for the transfer of credit. No credit will be allowed for correspondence work.

### TRANSFER OF CREDIT

Students who have completed graduate courses at other approved graduate schools (excluding extension schools) may petition to transfer as much as six hours of credit, provided the courses considered are pertinent to the student's graduate program. Courses for which transfer is requested must not have been used to satisfy the requirements for any previously awarded degree. Grades in courses for transfer of credit must be the equivalent of "B" or higher. No transfer of credit can be made until the student has been admitted to candidacy for the degree. All work accepted for transfer of credit must have been taken within the five-year period allowed for the Master's degree.



A student who has been approved as a candidate for the Master's degree may, with the prior recommendation of the major adviser and the approval of the Graduate Council, earn transfer credit in other graduate schools to the limit of six semester hours in the Master of Arts program and nine semester hours in the Master of Science in Education program. The total hours of transfer credit may not exceed the amount stated.

### CONDITIONAL ADMISSION

A student who is within three semester hours of having completed all requirements for the Bachelor's degree at the University of Omaha, may be provisionally admitted to the Graduate Division.

### WORKSHOPS

No more than *one* workshop of three hours credit may count toward the Master's degree. (College Business Management program excepted).

*Exceptions to the above general and special rules and regulations may be made in meritorious cases only with the consent of the Graduate Council upon recommendation of the major or minor adviser.*

### REQUIRED PROCEDURE FOR GRADUATE STUDENTS

1. File official transcripts of undergraduate credits (and graduate, if any) and application for admission form in the Graduate Office (Room 284). Consult with major adviser and return form sheet bearing signature to the Graduate Office.
2. Arrange your class schedule with your adviser, and have him sign your registration slip before presenting it to the Dean of the Graduate Division.
3. Apply for admission to candidacy for the degree at the conclusion of nine hours of work, and arrange the final program of study on a form sheet. Return the completed form to the Graduate Office. The degree requirements must be completed within five years of the first matriculation date.
4. In the semester or session in which the degree is to be conferred, the candidate must file his intention of taking the degree in the Office of the Registrar (See Calendar for exact date).
5. Arrange with your adviser three weeks in advance for the major Comprehensive Examination, and notify the Graduate Office of the time and place. In the case of candidates for the Master of Science degree, the established schedule is: fall semester, second Saturday in January; spring semester, first Saturday in May; summer session, some time to be arranged during the last week of the first term. Arrange with your minor adviser three weeks in advance of the intended date to take the minor comprehensive examination, and notify the Graduate Office of the time and place.
6. The thesis for the Master of Arts degree must be submitted in final form to the Graduate Office not later than the second week in November in the fall semester, the fourth week in March in the spring semester, or the second week of the Summer Session.
7. Master of Arts candidates must arrange for the Oral Examination to be given at least 30 days before the date of convocation. In the Summer Session, oral examinations must be completed before the close of the first term.
8. Order the cap and gown from the Book Store.
9. Attend Commencement unless excused by petition to the Graduate Council.

## DEPARTMENTS OF INSTRUCTION

Key to symbols:

- I — offered in the first semester of each year  
 II — offered in the second semester of each year  
 S — offered in the summer session  
 E — offered only as an evening class at irregular intervals.

Courses not offered in every academic year are followed by numerals indicating the years in which they will probably be offered (for example, 62-63).

Courses numbered 500 or above are open to graduate students only. Courses numbered 400 are open to both seniors and graduates. Courses numbered 300 are open to graduate students for graduate credit only upon approval of the department head, the major adviser, and the Graduate Council. For description of 300 and 400-numbered courses, consult the undergraduate sections of the University Catalog.

## DEPARTMENT OF GRADUATE STUDIES IN EDUCATION

411	Statistical Methods	Prereq: Psych. 312 or equivalent.	(E)	3	hours
418	Mental Health in the School		(I,II,S)	3	hours
420	History, Education and Guidance of the Deaf		(II)	2	hours
421	Teaching Speech to the Deaf I		(I)	2	hours
422	Teaching Speech to the Deaf II		(II)	2	hours
423	Teaching Language to the Deaf I		(I)	3	hours
424	Teaching Language to the Deaf II		(II)	2	hours
425	Observations and Student Teaching		(I,II)	6	hours
433	Methods of Teaching Speech Reading		(I)	2	hours
434	Teaching Elementary School Subjects to the Deaf I		(I)	2	hours
435	Teaching Elementary School Subjects to the Deaf II		(II)	2	hours
436	Teaching Secondary School Subjects to the Deaf		(I)	2	hours
437	Hearing Tests and Auditory Training		(I)	2	hours
438	Auditory and Speech Mechanisms		(II)	2	hours
454	The Junior High School		(II,S)	3	hours
458	Co-Curricular Activities		(II,S)	3	hours
461	Audio-Visual Materials in Education		(I,II,S)	3	hours
468	Audio-Visual Production		(II,S)	3	hours
<del>473</del>	<del>Problems in Teaching Reading in the Elementary School</del>		<del>(I,S)</del>	<del>3</del>	<del>hours</del>
<del>474</del>	<del>Problems in Teaching Reading in the Secondary School</del>		<del>(I,S)</del>	<del>3</del>	<del>hours</del>
<del>477</del>	<del>Diagnostic and Remedial Instruction</del>		<del>(I,S)</del>	<del>3</del>	<del>hours</del>
481	Principles of Adult Education		(II,S)	3	hours
482	Adult Group Leadership		(I)	3	hours
488	Teaching the Exceptional Child		(II)	3	hours
493	Measurement and Evaluation in Physical Education				
	Prereq: permission of instructor.		(II)	3	hours
497	Problems in Physical Education		(S)	3	hours
500	Special Studies		(I,II,S)	1-3	hours
501	Introduction to Research		(I,II,S)	3	hours
502	Principles of School Administration		(II,S)	3	hours

Ed 517 - Problems in Teaching Reading Elem School  
 Ed 518 - Problems in Teaching Reading Sec School  
 Ed 519 - Problems in Diagnostic & Remedial Instruction

503	School Plant Planning and Operation		(I,S)	3	hours
504	Curriculum Planning		(II,S)	3	hours
505	School Business Management		(I,S)	3	hours
506	Administration and Supervision in the Elementary School		(II,S)	3	hours
507	Administration and Supervision in the Secondary School		(I,S)	3	hours
508	Topics in Audio-Visual Education		(II,S)	3	hours
509	Organization and Administration of Nursing Education Programs		(I,S)	3	hours
510	Research Project		(I,II,S)	1-3	hours
511	Tool Subjects in the Elementary School		(I,S)	3	hours
512	Cultural and Content Subjects in the Elementary School		(II,S)	3	hours
513	Cooperating Teachers Seminar		(I)	3	hours
514	Improvement of Secondary School Instruction		(II,S)	3	hours
515	School Law		(I,S)	3	hours
520	Principles of Guidance		(I,S)	3	hours
521	Organization and Administration of Guidance		(I,S)	3	hours
522	Occupational and Educational Information		(I,S)	3	hours
523	Individual Analysis		(I,S)	3	hours
524	Counseling Practices		(II,S)	3	hours
526	Advanced Physical Education Activities		(I,S)	3	hours
527	Advanced Organization and Administration of Physical Education, Intramurals, and Athletics		(I,S)	3	hours
532	History and Philosophy of Education		(I,S)	3	hours
540	Practicum		(I,II)	3	hours
546	College Business Management		(S)	2	hours
549	Topics in Nursing Education		(II,S)	3	hours
550	Educational Seminar		(II,S)	3	hours
601	Graduate Thesis		(I,II,S)	3	hours
602					

## DEPARTMENT OF ENGLISH

433	Sixteenth Century Literature	Prereq: Engl. 231	(I,62-63)	3	hours
434	Chaucer	Prereq: Engl. 231	(I,61-62)	3	hours
440	Eighteenth Century Literature	Prereq: Engl. 231	(II,62-63)	3	hours
448	Seventeenth Century Literature	Prereq: Engl. 231	(I,61-62)	3	hours
450	English Drama before 1642	Prereq: Engl. 231	(E)	3	hours
460	Shakespeare	Prereq: Engl. 231	(II,61-62)	3	hours
465	The English Novel	Prereq: Engl. 232	(II,61-62)	3	hours
467	The American Novel	Prereq: Engl. 246	(II,62-63)	3	hours
468	History of the English Language	Prereq: Engl. 231	(I,62-63)	3	hours
481	Literature of the Romantic Period	Prereq: Engl. 232	(I,62-63)	3	hours
482	Literature of the Victorian Period	Prereq: Engl. 232	(I,61-62)	3	hours
502	Seminar: Romanticism and Realism		(E)	3	hours
504	Seminar: Literary Criticism		(E)	3	hours
506	Seminar: American Literature		(S)	3	hours
508	Seminar: The English Renaissance		(E)	3	hours
510	Seminar: Victorian Literature		(E)	3	hours
512	Seminar: Shakespeare		(E)	3	hours
601	Graduate Thesis		(I,II,S)	3	hours
602					

## GENERAL SCIENCE

## Biology

Biol. 303	<b>Plant Morphology</b>	Biol. 403-4	<b>Plant Physiology</b>
Biol. 304	<b>Plant Anatomy</b>	Biol. 415	<b>Biological Theory</b>
Biol. 310	<b>Ecology</b>	Biol. 417	<b>Biometry</b>
Biol. 320	<b>Parasitology</b>	Biol. 430	<b>Taxonomy of Vascular Plants</b>
Biol. 322	<b>Entomology</b>	Biol. 432	<b>Vertebrate Taxonomy</b>
Biol. 336	<b>General Bacteriology</b>	Biol. 491-2	<b>Modern Developments in Biology</b>
Biol. 351	<b>Histology</b>	Biol. 495-6	<b>Problems in Biology</b>
Biol. 361	<b>Embryology</b>	Biol. 501	<b>Research in Biology</b>
Biol. 401-2	<b>General Physiology</b>		

## Chemistry

Chem. 349-50	<b>Physical Chemistry</b>	Chem. 491	<b>Modern Developments in Chemistry</b>
Chem. 413	<b>Organic Preparations</b>	Chem. 495-6	<b>Problems in Chemistry</b>
Chem. 414	<b>Identification of Organic Compounds</b>	Chem. 501	<b>Research in Chemistry</b>
Chem. 451-2	<b>Advanced Analytical Chemistry</b>		

## Mathematics

Math. 311	<b>Differential Equations</b>	Math. 423-4	<b>Selected Topics from Advanced Mathematics</b>
Math. 324	<b>Elementary Topics</b>	Math. 491-2	<b>Modern Developments in Mathematics</b>
Math. 364	<b>Projective Geometry</b>		
Math. 411-2	<b>Higher Algebra</b>		
Math. 414	<b>PROBABILITY AND STATISTICS</b>		

## Physics

Phys. 301	<b>Elements of Electronics</b>	Phys. 385	<b>Heat and Temperature Measurement</b>
Phys. 302	<b>Optics</b>	Phys. 492	<b>Modern Development in Physics</b>
Phys. 312	<b>Modern Physics</b>	Phys. 495-6	<b>Problems in Physics</b>
Phys. 375-6	<b>Electricity and Magnetism I and II</b>	Phys. 501	<b>Research in Physics</b>

## Required of all candidates:

Sci. 505	<b>Seminar in Science</b>	Sci. 602	<b>Graduate Thesis</b>
Sci. 601	<b>Graduate Thesis</b>		

\* Only two 300 level courses will be allowed in any department toward the degree.  
All 300 and 400 level courses require an additional project for graduate credit.

## DEPARTMENT OF HISTORY

411	<b>Representative Americans, 1600-1828</b>	Prereq: Hist. 111-2.....(I,62-63)	3 hours
412	<b>Representative Americans, 1828 to Present</b>	Prereq: Hist. 411 or permission of instructor.....(II,62-63)	3 hours
416	<b>The Jacksonian Era</b>	Prereq: Hist. 111-2.....(I)	3 hours
418	<b>Civil War and Reconstruction</b>	Prereq: Hist. 111-2.....(II)	3 hours
428	<b>Twentieth Century America</b>	Prereq: Hist. 111-2.....(I)	3 hours
429	<b>Ideas in Twentieth Century America</b>	Prereq: Hist. 111-2.....(II)	3 hours
433	<b>American Constitutional History to 1860</b>	Prereq: Hist. 111-2.....(I)	3 hours
434	<b>American Constitutional History Since 1860</b>	Prereq: Hist. 433 or permission of instructor.....(II)	3 hours
454	<b>Sixteenth Century Europe</b>	Prereq: Hist. 151-2.....(II,61-62)	3 hours
455	<b>Seventeenth Century Europe</b>	Prereq: Hist. 151-2.....(I,62-63)	3 hours
456	<b>Eighteenth Century Europe</b>	Prereq: Hist. 151-2.....(II,62-63)	3 hours
457	<b>Nineteenth Century Europe, 1815-1870</b>	Prereq: Hist. 151-2..(I)	3 hours
458	<b>Nineteenth Century Europe, 1870-1914</b>	Prereq: Hist. 457 or permission of instructor.....(II)	3 hours
459	<b>Europe Since 1914</b>	Prereq: Hist. 151-2.....(II,62-63)	3 hours
461	<b>Tudor and Stuart England</b>	Prereq: Hist. 261-2 or permission of instructor.....(I,61-62)	3 hours
462	<b>England in the Eighteenth and Nineteenth Century</b>	Prereq: Hist. 261-2 or Hist. 151-2 and permission of instructor.....(II,62-63)	3 hours
463	<b>English Constitutional History to 1485</b>	Prereq: Hist. 261-2 or Hist. 151-2 and permission of instructor.....(I,61-62)	3 hours
464	<b>English Constitutional History Since 1485</b>	Prereq: Hist. 463 or permission of instructor.....(II,61-62)	3 hours
490	<b>Problems in History</b>	Prereq: 12 hours of work in Hist. from courses in the 300, 400, and 500 level and permission of the department head.....(I,II,S)	1-5 hours
493	<b>Historical Research</b>	Prereq: Graduate major or minor in Hist. or permission of the department head.....(I)	3 hours
496	<b>Great American Historians</b>	Prereq: Graduate major or minor in hist. or permission of the department head.....(II)	3 hours
497	<b>Great European Historians</b>	Prereq: Graduate major or minor in hist. or permission of the department head.....(I,61-62)	3 hours
510	<b>Seminar in American History</b>	Prereq: Permission of instructor.....(E)	3 hours
530	<b>Seminar in Recent American History</b>	Prereq: Permission of instructor.....(E)	3 hours
550	<b>Seminar in Modern European History</b>	Prereq: Permission of instructor.....(E)	3 hours
560	<b>Seminar in Modern British History</b>	Prereq: Permission of instructor.....(E)	3 hours
601	<b>Graduate Thesis</b>	.....(I,II,S)	3 hours
602			

The following courses may be taken by special permission:  
History 312, 313, 315, 316, 333, 334, 341, 344, 351, 353,  
354, 355, 364.  
(See University Catalog for description).

## DEPARTMENT OF PSYCHOLOGY

- 411 **Statistical Methods** Prereq: Psych. 312 or equivalent. . . . . (E) 3 hours  
 412 **Advanced Applications of Statistics** Prereq: Psych. 411. . . . . (E) 3 hours  
 421 **Experimental Psychology** Prereq: Psych. 312. . . . . (I,S) 3 hours  
 423 **Physiological Psychology** Prereq: Psych. 301. . . . . (E) 3 hours  
 432 **Tests and Measurements** Prereq: Psych. 312. . . . . (II,S) 3 hours  
 441 **Clinical Psychology** Prereq: Psych. 301. . . . . (I) 3 hours  
 443 **Personality Theory** Prereq: Psych. 301. . . . . (I,S) 3 hours  
 444 **Abnormal Psychology** Prereq: Psych. 443. . . . . (II) 3 hours  
 445 **Social Psychology** Prereq: Psych. 443 or equivalent. . . . . (I,II) 3 hours  
 452 **Child Psychology** Prereq: Psych. 301. . . . . (II,S) 3 hours  
 461 **Human Engineering** Prereq: permission of instructor. . . . . (E) 3 hours  
 490 **Minor Problems** Prereq: 15 hours of psych. . . . . (I,II,S) 1 or more hours  
 501 **History and Current Trends in Psychology**  
 Prereq: 15 hours of psych. . . . . (S) 3 hours  
 551 **Advanced Educational Psychology**  
 Prereq: 15 hours of psych. or permission of instructor. . . . . (S,E) 3 hours  
 552 **Psychology of the Exceptional Child**  
 Prereq: 15 hours of psych. including 452. . . . . (S,E) 3 hours  
 553 **Individual Mental Tests** Prereq: 15 hours of psych.  
 including 432 . . . . . (I,S) 3 hours  
 561 **Advanced Industrial Psychology** Prereq: 15 hours of psych.  
 including 411 . . . . . (E) 3 hours  
 591 **Topical Seminar in Psychology** Prereq: 15 hours of psych. (I,II,S) 3 hours  
 601 **Graduate Thesis** . . . . . (I,II,S) 3 hours  
 602

## DEPARTMENT OF SOCIOLOGY

- 404 **Population Analysis** Prereq: 9 hours of soc. . . . . (I) 3 hours  
 410 **Rural Sociology** Prereq: 9 hours of soc. . . . . (I) 3 hours  
 414 **Urban Sociology** Prereq: 9 hours of soc. . . . . (II,S) 3 hours  
 416 **Ethnic Relations** Prereq: 9 hours of soc. . . . . (II,S) 3 hours  
 425 **Culture and Personality** Prereq: Soc. 316 and 6 hrs. of soc. . . (II) 3 hours  
 435 **Criminology** Prereq: 9 hours of soc. . . . . (II,S) 3 hours  
 451 **Methods of Social Research** Prereq: 9 hours of soc. . . . . (I) 3 hours  
 453 **Research Seminar** Prereq: 12 hours of soc. and permission  
 of instructor . . . . . (I,S) each 3 hours  
 490 **Development of Social Theory** Prereq: 9 hours of soc. . . . . (I) 3 hours  
 601 **Graduate Thesis** . . . . . (I,II,S) 3 hours  
 602

(Graduate students in Sociology are required to take Psychology 411, *Statistical Methods*, and Psychology 412 *Advanced Application of Statistics*, if they have not already had them.)

COURSES FOR MASTER TEACHER  
AND MINOR FIELDS

(See University Catalog for description)

## BIOLOGY

The following courses may be taken by special permission:  
 Biology 303, 304, 310, 320, 325, 361, 403, 404, 491, 492, 495, 496

## CHEMISTRY

The following courses may be taken by special permission:  
 Chemistry 413, 414, 451, 452, 491, 492, 495, 496.

## ECONOMICS

The following courses may be taken by special permission:  
 Economics 311, 312, 315, 318, 412, 416, 417, 450, 451.

## FRENCH

The following courses may be taken by special permission:  
 French 313, 320, 324, 325, 326, 335, 336, 338, 443.

## GERMAN

The following courses may be taken by special permission:  
 German 313, 333, 335, 336, 338, 422, 443.

## SPANISH

The following courses may be taken by special permission:  
 Spanish 335, 336, 337, 338, 339, 349, 351, 352, 417, 418, 425, 427, 430, 443.

## MATHEMATICS

The following courses may be taken by special permission:  
 Mathematics 311, 324, 364, 411, 412, 423, 424, 491, 492.

## PHILOSOPHY

The following courses may be taken as electives:  
 Philosophy 411, 412, 421, 422.

## POLITICAL SCIENCE

The following courses may be taken by special permission:  
 Political Science 302, 312, 313, 314, 316, 317, 322, 326, 333, 391, 392, 418,  
 431, 432, 490.

## SOCIAL SCIENCE

Elect at least three subjects (but not more than nine hours in any one subject)  
 from the following: economics, geography, history, political science, and  
 sociology.

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