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# Graduate Academic Catalog (1951-1952 and 1952-1953)

Municipal University of Omaha

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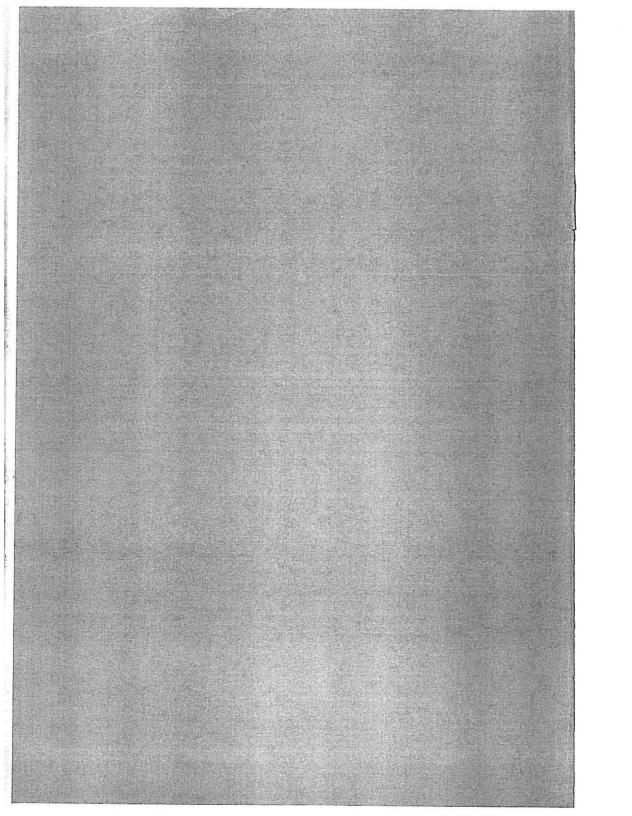
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## **Bulletin** of the

# UNIVERSITY OF OMAHA

APRIL, 1951

# The Graduate Division Catalog

for the academic years 1951-52 1952-53

## ACCREDITED STANDING

The University of Omaha is fully accredited by the North Central Association of Colleges and Secondary Schools, the National Commission on Accrediting and is a member of 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 or of corresponding agencies in other sections of the country.

## UNIVERSITY REGULATIONS

The University and its various divisions and departments reserve the right to change the rules regulating the admission to, instruction in, and graduation from the University or its various divisions, and any other regulations affecting the student body.

Such regulations go into force whenever the proper authorities may determine and apply not only to prospective students but also to those who may, at such time, be matriculated in the University.

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

#### UNIVERSITY OF OMAHA

## ADMINISTRATION

## THE BOARD OF REGENTS **OFFICERS**

HERBERT D. MARSHALL	President
W. DEAN VOGEL	e-Presidens
George C, Pardee	Secretary

Term Expiring July 1, 1951

George C. Pardee, Metropolitan Utilities District W. Dean Vogel, United States National Bank

Term Expiring July 1, 1952

Robert H. Storz, Storz Brewing Company Farrar Newberry, Woodmen of the World Life Insurance Society

Term Expiring July 1, 1953 Mrs. A. C. R. Swenson Roman L. Hruska, Attorney

Term Expiring July 1, 1954

William H. Campen, Omaha Testing Laboratories Herbert D. Marshall, Eaton Metal Products Corporation Thomas C. Quinlan, Attorney

#### ADMINISTRATIVE COUNCIL

Pourse Marie Pour PLD IID
PHILIP MILO BAIL, Ph.D., LL.D
ROWLAND HAYNES, M.A., LL.D
CHARLES HOFF, B.Sc
and Finance Secretary
RODERIC B. CRANE, M.B.A
EVERETT M. HOSMAN, M.A Chairman, Committee on Graduate Studies, Director
of the School of Adult Education and the Summer Sessions
WILLIAM H. THOMPSON, Ph.D Dean of the College of Arts and Sciences
CARL W. HELMSTADTER, Ph.D. Dean of the College of Applied Arts and Sciences
and Director of the Division of Technical Institutes
The state of the College of Education
FRANK H. GORMAN, Ph.D
JOHN W. LUCAS, M.B.A
MARY PADOU YOUNG, M.A
ORMSBY HARRY, M.A Associate Dean of Students
ALICE C. SMITH, B.A
CLAUDE E. THOMPSON, Ph.D
JOHN E. WOODS, B.A
VIRGIL YELKIN, B.Sc Director of Athletics
ROBERT S. McGRANAHAN, M.A Director of General Printing and Information
JAMES D. TYSON, M.AFaculty representative, College of Arts and Sciences
JAMES D. 1150N, M.A
PAUL CROSSMAN, B.Sc Faculty representative, College of Applied Arts and Sciences
LESLIE O. TAYLOR, Ph.D

## FACULTY Ph.D., Ohio State University, 1942, Associate Professor of History Ph.D., State University of Iowa, 1947, Associate Professor of Chemistry Ph.D., University of Minnesota, 1928; Head, Department of Mathematics, Professor of Mathematics CHRISTOPHER S. ESPINOSA ......Foreign Languages Ph.D., University of Rome, Italy, 1924; Associate Professor of Foreign Languages and Literatures Ph.D., University of Minnesota, 1931: Head of Department of General Sciences; Professor of Biology; Chairman, Natural Sciences MILDRED M. GEARHART ..... English M.A., State University of Iowa, 1928; Assistant Professor of English Frank H. Gorman ..... Education Ph.D., University of Missouri, 1931; Dean, College of Education; Professor of Education ROBERT D. HARPER ..... English Ph.D., University of Chicago, 1949; Assistant Professor of English Frances Holliday ..... Education Ph.D., George Washington University, 1949; Associate Professor of Education EVERETT M. HOSMAN ..... Education M.A., University of Chicago, 1915; Professor of Education GERTRUDE KINCAIDE ...... Foreign Languages M.A., University of Nebraska, 1929; Head, Department of Foreign Languages and Literatures; Associate Professor of Foreign Languages and Literatures GEORGE S. PRITCHARD ..... Education M.A., State University of Iowa, 1936; Assistant Professor of Education Ph.D., University of Missouri, 1930; Head of Department of Sociology; Professor of Sociology LESLIE O. TAYLOR ..... Education Ph.D., University of Minnesota, 1932; Associate Professor of Education

M.Sc., Indiana State Teachers College, 1947

CLAUDE E. THOMPSON
WILLIAM H. THOMPSON
SARAH TIRRELL
WILLIAM T. UTLEY
NELL WARD
RALPH M. WARDLE English Ph.D., Harvard University, 1940; Head, Department of English; Professor of English
ALICE WEISSKOPF
J. LEE WESTRATE
GEORGE L. WILBER
FRANCES E. WOOD
LECTURERS, GRADUATE DIVISION
FRANCES EDWARDS
EDNA GREGORSON
RAYMOND TAIBL

## HISTORICAL SKETCH

The University of Omaha became a municipal university in 1930, but its history as an educational institution began more than twenty 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, first president. 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 1928. 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 scleeted 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, fifty-one acre site south of Dodge Street at 60th, adjacent to Elmwood Park. In 1949 the \$750,000 Field House, Stadium and playing fields were completed, providing indoor and outdoor facilities in all sports.

Since the University of Omaha became a municipal institution, important advances have been achieved in faculty personnel, curricular reforms, administrative organization, laboratories, and in library facilities, under the presidencies of W. E. Sealock and Rowland Haynes.

In February, 1948, the Board of Regents announced the appointment of Dr. Philip Milo Bail as president of the University of Omaha. Dr. Bail came to the University from Butler University where he was Dean of the College of Education and Director of the University College.

## THE LIBRARY

The library is located in the northeast wing of the University building. Two reading rooms on the second floor provide seating space for more than 200 students.

The general book collection of over 85,000 volumes is housed in two stack levels directly below the reading rooms. The book stacks are open to all graduate students and to undergraduates by special permission. The Library's holdings have been carefully chosen to answer both the curricular and general reading interests of the students. A well-balanced reference collection, located in the west reading room, is supplemented by timely pamphlet files and other special aids.

In addition to the general book collection, the Library contains approximately 15,000 government documents. The University of Omaha has been a United States government document depository since 1939 and has acquired a substantial file of older documents through purchase.

The Library receives 400 current periodicals. Bound files of these journals are housed in the east reading room and in the book stacks. The Library has a file of the Omaha World-Herald and the New York Times on microfilms and possesses a Recordak reader for the reading of these and other microfilms.

An open shelf collection of over twelve hundred books for recreational reading is maintained in the Fore Memorial Browsing Room on the third floor. Comfortable furniture, attractive surroundings, and a wide selection of books serve as a stimulus for broadening reading interests. A readers' advisor in charge of the room is ready at all times to counsel with students regarding their reading problems and interests.

## BUREAU OF TEACHING AIDS

This service is designed to assist faculty and students in procurement, distribution, utilization, and evaluation of audio-visual materials and equipment. It 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 Bureau: (1) To provide information, materials, and equipment to University faculty and classes; (2) To provide photographic services, including darkroom facilities for photographic classes and student publications; (3) To schedule and arrange appropriate displays in the exhibit 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 to schools and community groups.

#### BOOK STORE

Textbooks and supplies necessary for classes taught in the University of Omaha are sold in the Book Store to University of Omaha students and faculty only. 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 non-students or non-faculty members of the University of Omaha.

Used books may be left at the Book Store "on consignment." Sale of such books will be made as soon as possible at the price asked by the owner. A commission of 10 per cent will be retained by the Book Store and the balance remitted to the student.

All sales in the Book Store are on a strictly cash basis. No books or supplies may be charged.

#### PLACEMENT SERVICE

Students desiring employment should register in Room 274. In addition to assigning all student assistantships and other student work on the campus, 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 Placement Office makes an active effort to obtain employment for all students desiring jobs. It cannot, however, guarantee to secure employment for every student.

Students interested in teaching positions should register with the Placement Office at least one semester before they plan to go to work, as extensive confidential credentials must be prepared for the informa-

tion of prospective employers. An active list of available positions is maintained, and interviews with school executives are often arranged.

Registration in the Placement Office should precede graduation by at least one full semester.

#### **CAFETERIA**

The Cafeteria and the Student Center are not public restaurants. Because of the distance of the University from the main business district, the Cafeteria and the Center are maintained for the convenience of the students and the faculty. Student activities 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 must be kept in the Cafeteria. Coffee, pop, sandwiches, etc., may not be taken to other parts of the

building for consumption.

#### THE GRADUATE CLUB

The University of Omaha Graduate Club offers opportunity for professional and social contact through its various activities. Membership in the Club is open to graduate students.

## THE GRADUATE DIVISION

Mr. Hosman, Chairman; Mr. Garlough, Mr. Gorman, Mr. Hill, Mr. Sullenger, Mr. W. H. Thompson, Mr. Wardle

The Graduate Division of the University of Omaha was established in 1942 to provide the opportunity for advanced study and independent investigation in a limited number of fields of learning for qualified students:

To earn graduate credit for the renewal of teachers' certificates.

2. For professional advancement and cultural objectives.

 To work toward a Master of Arts or Master of Science in Education degree.

### ADMISSION TO GRADUATE STUDIES

Graduates of any accredited college or university may be admitted to the Graduate Division of the University. Admission to the Graduate Division, however, is not the equivalent to acceptance as a candidate for a Master's degree.

A graduate of an unaccredited college may be admitted to the Division on a provisional basis. He may later be admitted to graduate status if he passes certain examinations and the quality of his work is of sufficient merit.

For graduate work in education, the student must have had at least fifteen semester credit hours in undergraduate courses in education or the equivalent.

Students who wish to pursue graduate work at the University will file application for admission to the Graduate Division with the Chairman of the Committee on Graduate Studies on a form provided for that purpose.

After the student has successfully completed nine semester hours of graduate work, and has passed the required examinations, or submitted an inventory statement acceptable to his adviser and the Committee on Graduate Studies, he may apply for admission to candidacy for the Master's degree. This preliminary examination must be passed or inventory statement submitted and approved prior to registration for further courses in the degree program.

#### DEGREES

Graduate study at the University may be directed toward the traditional degrees Master of Arts or Master of Science in Education. Degrees are granted at the June and August Commencements.

#### THE MASTER OF ARTS DEGREE

Graduate study in psychology, education, sociology, English and history and government; and minor studies in mathematics and the sciences, ordinarily lead to the degree of Master of Arts.

The program for the Master of Arts student will usually be arranged to conform to the following general pattern:

- A major of fifteen to eighteen semester hours in the major field of study.
- A minor of nine to twelve semester hours in a related field of interest.
- A thesis not to exceed six semester hours in independent study under the direction of the major adviser.

Modification of a pattern of courses once approved, is permissible only upon recommendation of the major adviser and approval of the Committee on Graduate Studies. The student may elect a straight major upon recommendation of the head of the major department and approval of the Committee on Graduate Studies.

#### THE MASTER OF SCIENCE IN EDUCATION 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 thirty semester credit hours, always including Education 501G, Educational Research, as a first course and Education 550G, Seminar, as the last course, and will usually be arranged to conform to the following general pattern:

- Eighteen to twenty-one semester hours in major field of specialization, such as: elementary education, secondary education, educational administration, special education and guidance.
- 2. Nine to twelve semester hours in a minor field.

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

Professional education may include administration, supervision, secondary education, elementary education, special education, educational guidance, and nursing education.

The course program will be determined by the student and adviser and submitted to the Committee on Graduate Studies for approval.

#### SUGGESTED PROGRAMS FOR

#### MASTER OF SCIENCE IN EDUCATION

Major in Elementary Education Required:		Major in Master Teacher Preparation Required:
Cr.	Hrs.	Cr. Hrs.
Educ. 501: Int. to Educ. Research Educ. 502: Prin. of Sch. Admin. Educ. 503: Prin. of Supervision. Educ. 504: Curriculum Principles Psych. 510: Adv. Educ. Psych. Educ. 550: Seminar Electives: Minor:	33 33 33 39 30	Educ. 501: Int. to Educ. Research   3
Major in Secondary Education		Major in Guidance Required:
Required:	141	
Educ. 501: Int. to Educ. Research Educ. 502: Prin. of Sch. Admin. Educ. 503: Prin. of Supervision Educ. 504: Curriculum Principles Psych. 510: Adv. Educ. Psych Educ. 520: Prin. of Guidance	3 3 3 3 3	Educ. 501: Int. to Educ. Research Educ. 520: Prin. of Guldance 3 Educ. 521: Org. and Admin. of Guidance Programs 3 Educ. 522: Counseling Practices 3 Psych. 510: Adv. Educ. Psych 3 Psych. 480: Tests and Meas.
Educ. 521: Org. and Admin. of Guidance Programs Educ. 550: Seminar Minor:	3 3 9 30	Educ. 417: Statistical Methods
Major in Public School Administrati Required:	ion	Major in Special Education Regulred:
	•	Educ. 501: Int. to Educ. Research 3
Educ. 501: Int. to Educ. Research Educ. 502: Prin. of Sch. Admin Educ. 503: Prin. of Supervision or	3	Educ. 488: Meth. and Pract. in Special Educ
Educ. 504: Curriculum Principles	3	or
Educ. 512: Public School Relations Psych. 510: Adv. Educ. Psych	3	Psych. 480: Tests and Meas 3 Psych. 421: Indiv. Mental Tests 3
Educ. 550: Seminar	33333	Psych. 426: The Prob. Child 3
Electives:	3	Psych. 421: Indiv. Mental Tests
Minor:	9	Electives:
	30	30
Major in Nursing Education Required:		Psych. 480: Tests & Measurements 3 Psych. 510: Adv. Educ. Psych 3
Educ. 501: Int. to Educ. Research	3	Educ. 509: Org. & Admin. of
Educ. 481: Prin. of Adult Educ Educ. 499: Special Problems	3	Nursing Educ. Programs 3 Educ. 550: Education Seminar 3 Elective
Educ. 503: Prin. of Supervision.	3	Elective
Educ. 522: Counseling Practices		30
Psych. 528: Counseling &	•	Votes A Martin of Auto domes be
Psychotherapy	3	Note: A Master of Arts degree may be earned by substituting Thesis, 6 Cr. Hr., for Education 550 and the Elective.

Suggested Minors: Biology; Economics; Education Foundations; English; French; German; Government; Guldance; History; Italian; Mathematics; Psychology; Science; Spanish; Special Education and Sociology.

#### OTHER REQUIREMENTS

Transfer of Credit—Ordinarily credit at the graduate level from other institutions is not granted to apply toward a Master's degree at the University. However, students may arrange in advance, with the approval of their adviser and the Committee on Graduate Studies, for not to exceed six hours graduate study in another institution, when such study brings desirable enrichment or specialized courses to the student's graduate program.

Residence Requirements—A minimum of thirty semester credit hours in residence, or equivalent, is required for granting of the Master's degree, except as provision is made for transfer of credit. No credit will be allowed for correspondence work.

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 graduate studies.

Scholastic Standing—A grade of "B" or better must be earned in required credit hours of graduate work if these credits are to count toward the Master's degree.

Study Load—A student is expected to register for not more than the equivalent of one semester credit of work per week. Courses which are available for graduate credit are those which are especially approved by the Committee as of graduate character or upper-division courses which have been approved by the graduate advisers as an integral part of a special graduate program. Students taking upper-division undergraduate courses for graduate credit are expected to do supplementary work in the course under the direction of the instructors of the course.

The Graduate Seminar—A series of graduate seminars may be arranged each year. These usually will meet once a month. All active graduate students, except those taking the Master of Science in Education degree, are expected to participate in these seminars. Those taking the Master of Science in Education degree will take Education 550, Educational Seminar.

Time Limits—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 Committee on Graduate Studies. Once a student has been admitted to candidacy for the degree, he is expected to have completed the requirements for the degree within a period of five years or validate previous credits with additional course study.

#### EXAMINATIONS AND FEES

Final written examinations for students taking the Master of Science in Education degree will be given as announced. Master of Arts students should consult with their advisers for arrangements to take the final written comprehensive examination. It should be taken at least sixty days prior to the convocation at which the degree is to be granted.

Theses prepared by Master of Arts students shall be submitted at least six weeks before the date of the oral examination. The student and his adviser shall arrange a date with the Chairman of the Committee on Graduate Studies for the final oral examination. This examination shall be held at least thirty days before the date of convocation at which it is expected that the degree will be granted. Oral examinations cannot be scheduled during the period between the close of the first term of the summer session and the beginning of the following fall semester.

Student fees are payable in full at the time of registration, and registration is not complete until fees are paid. The University reserves the right to change the amount of fees or to add new ones at any time if such action is deemed necessary. Fees vary with the number of hours of classroom and laboratory work taken.

Graduate matriculation (not refundable)	5.00
Registration fee, each term (not refundable)	1.00
Activity fee (not refundable)	1.00
Tuition fee, per credit in course	
Non-resident fee per credit in course	4.00
Diploma fee (including rental of cap. gown, hood)	15.00
Thesis binding fee	10.00
Laboratory and studio fees as required. (See General Catalog.)	

**Information**—Further information may be secured at the Office of the Chairman of the Committee on Graduate Studies, Room 184.

Courses numbered 500 are open to graduate students only. Courses numbered 400, offered primarily for graduate credit, are open to 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 Committee on Graduate Studies.

Graduate students should consult the Chairman of the Committee on Graduate Studies and the head of the major department before registering.

#### REFUND SCHEDULE

Refunds are figured from the date application is received, not from date of withdrawal from classes.

No refunds will be made on matriculation, registration, late registration, health fee, physical education locker fee, or student activity fee, unless such charges have been made through an error of the University Administration.

A student must file notice of withdrawal from any class, accompanied by written approval of the adviser and the Dean, with the Registrar immediately upon dropping any course.

No part of the laboratory fees will be refunded except upon written recommendation of the head of the department.

Students paying tuition on an installment basis who withdraw before the account is paid in full are not relieved from payment of the

amount due; credits to their unpaid accounts will be made only on the basis of the schedule listed below.

A student dropping courses with the approval of the adviser and Deans or the Director of the School of Adult Education will receive refunds on tuition, non-resident tuition, and other fees in accordance with the following schedules:

#### GRADUATE DIVISION FIRST AND SECOND SEMESTERS

Withdrawal Withdrawal	within first week	90% 80%
	SUMMER SESSIONS	
Withdrawal	during first three daysduring remainder of first week	80%
Withdrawal	during second week	40%

## DEFINITION OF NON-RESIDENT STATUS

The Board of Regents' rules provide that the non-resident fee shall be assessed and collected each semester from:

- 1. All students who actually reside outside the city of Omaha.
- 2. Students who are under twenty-one years of age, unmarried, and whose parents or legal guardians live and maintain their place of domicile outside the city limits of Omaha.
- Students living in Omaha whose parents or legal guardians live outside the City of Omaha, but who have reached their twenty-first birthday and have not qualified to vote in Omaha, or who have not furnished other satisfactory evidence of bona fide residence.
  - Note: a. Residence of a wife follows that of the husband.
    - b. Residence status shall be determined at the time of each registration. A change of circumstances during the semester does not justify an adjustment of fees during the semester.
    - c. In case a legal resident of the City of Omaha is appointed guardian of a minor, the residence of such minor for the purpose of this rule shall be considered established in the City of Omaha unless such legal guardian is appointed solely for the purpose of avoiding the the payment of non-resident tuition to the University of Omaha.
    - d. Proof of residence status rests with the student whenever he challenges assessment of the non-resident fees. Payment of such fees may not be postponed pending decision of any case, but fees shall be refunded to the student if it is later found that they have been collected through error. Willful misstatement or concealment of any facts to influence the decision of a non-resident case is cause for immediate dishonorable dismissal from the University.

## COURSES OF INSTRUCTION

On the following pages are listed the courses of the Graduate Division. Graduate courses are offered primarily in the evenings as indicated; I, first semester; II, second semester; S, Summer. Courses marked (E) are offered only in the School of Adult Education. Courses without any designation will be offered as the demand requires.

#### **CHEMISTRY**

#### (For Master Teacher only)

413	Organic Preparations: Class 2 hours, laboratory 8 hours. Prerequisite: Three years of college chemistry, including Chemistry 214.  Credit 3 hours (I)
414	Identification of Organic Compounds: Class 2 hours, laboratory 8 hours. Prerequisite: Three years of college chemistry, including Chemistry 214. Alternates with Chemistry 413.  Credit 3 hours (II)
451 452	Advanced Analytical Chemistry: Class 2 hours, laboratory 4 hours. Pre- requisite: Three years of college chemistry, including Chemistry 312. Credit 3 hours each (452 offered I—II)
495 496	Problems in Chemistry: Independent work upon special problems, with scheduled conferences and written report, including survey of literature involved. Prerequisite: Three years of chemistry and consent of instructor.  Credit arranged (I—II)

#### **ECONOMICS**

#### (For Minor and Master Teacher only)

	The Control of the Co
412	Principles of World Commerce: Problems of international trade, emphasizing the effects of price fluctuations, economic advantages of location, and the connection between foreign policies and tariffs. Prerequisite: Economics 211 and 212 or consent of instructor.  Credit 3 hours (I)
413	and the control of th
416	History of Economic Thought: A study of the development of economic doctrines, from classical thought to the present time. Prerequisite: Economics 211 and 212.
	Credit 3 hours

450 Special Topics: Individual investigations of special problems in economics and economic history. Conferences; open only upon consent of the instructor. Credit 1 to 3 hours; maximum, 6 hours (I, II—I, II)...Mr. Crane, Mr. Somny

The following courses may be taken for Graduate Credit by special permission: \*Economics 307, 311, 315, 317, 318, 319

	EDUCATION
400	In-Service Teacher Education: A series of intensive courses especially for teachers in active service.  Credit variable (E)
417	Statistical Methods (Biometry): Statistical analysis of type, variation, association, and significance. Prerequisite: Knowledge of elementary algebra.  Credit 3 hours (1)
458	Co-curricular Activities: A study of the various student activities with which the secondary school teacher must deal. Prerequisite: Education 351.  Credit 3 hours (II)
<b>4</b> 71	Diagnostic and Remedial Instruction: Principles and problems in remedial teaching; intensive study of instruments and techniques of diagnosis, and of material and methods of correction. Prerequisites: Six hours in elementary methods.  Credit 3 hours (S)
472	Problems in Teaching Reading: An advanced study of the problems of teaching reading. For teachers and administrators. Prerequisites: Psychology 281, courses in methods of instruction, permission of instructor.  Credit 3 hours (II, S)
481	Principles of Adult Education: A consideration of problems which arise in the organization and supervision of work in adult education.  Credit 3 hours (E)
488	Methods and Procedures in Special Education: A study of the effective practices in teaching the various types of pupils who need special kinds of instruction. Prerequisite: Psychology 281.  Credit 3 hours (E)
497	Conferences in Education: For those who participate in special conferences for professional improvement; not more than a total of six hours of credit may be allowed toward a degree. Prerequisites: Consent of instructor.  Credit variable (I, II, S)
498	Workshop: Designed to give opportunities for study and production of materials and content in selected areas of educational activity; not more than a total of ten hours allowed. Prerequisite: Consent of instructor.  Credit variable (I, II, S)
498s	College Business Management: This concentrated course of study has a two fold purpose. First, it affords opportunity for "refresher" study and graduate credit for the experienced business officer. Second, it gives specific training, either with or without college credit, for the newcomer in the field. All faculty members are experienced teachers and all have had successful professional experience in the fields they are teaching.
499	Special Problems: Not more than a total of three hours allowed toward a degree. Prerequisite: Consent of instructor.  Credit arranged (I, II, S)
	fold purpose. First, it affords opportunity for "refresher" study and graduate credit for the experienced business officer. Second, it gives specific training, either with or without college credit, for the newcomer in the field. All faculty members are experienced teachers and all have had successful professional experience in the fields they are teaching.  Credit 2 hours (S)

\* See General University Catalog for description.

19

531	Modern Developments in Education: Designed to give an analytical study of recent educational theories and practices. Prerequisite: Education 501.  Credit 3 hours (E)
532	Social Foundations of Education: A survey of the rise of educational practice as it has been interrelated with changes in social and educational philosophy, research, and economic, industrial, and cultural conditions, especially in the United States. Prerequisite: Education 501.  Credit 3 hours (E)
550	Educational Seminar: A practicum in educational problems, to be taken as the last course in program for Master of Science degree.  Credit 3 hours (E)
	ENGLISH
433	Elizabethan Non-Dramatic Literature: Poetry and prose of the age of Shakespeare. Prerequisite: English 231.  Credit 3 hours
434	Chaucer: A study of the works of Chaucer. Prerequisite: English 231.  Credit 3 hours (II)
437	Shakespeare's Tragedies: A critical study of six tragedies. Prerequisite: English 231.  Credit 3 hours
439	Shakespeare's Comedies and Histories: A rapid reading of approximately twenty of the plays. Prerequisite: English 231.  Credit 3 hours (I)
440	Eighteenth-Century Literature: Readings in the major authors of the Age of Pope and the Age of Johnson. Prerequisite: English 231 or English 232. Credit 3 hours (S)
445	Nineteenth-Century Prose: A study of the fiction and essays of the nineteenth century. Prerequisite: English 232.  Credit 3 hours (E)
448	Seventeenth-Century Literature: A study of the poetry and prose of the seventeenth century and of the drama during the Restoration. Milton especially will be studied. Prerequisite: English 231.  Credit 3 hours (S)
450	English Drama before 1642: A study of the development of the English drama, exclusive of Shakespeare, from the beginnings to 1642. Prerequisite: English 231.  Credit 3 hours (S)
465	The English Novel: A study of the development of the novel in England, especially during the eighteenth and nineteenth centuries. Prerequisite: English 232.
	Credit 3 hours (II)
468	History of the English Language: Lectures on the structural development of the English language and readings in various periods of English. Prerequisite: English 231.  Credit 3 hours
by sp	The following courses may be taken for Major, Minor, or Master Teacher secial permission: *English 360, 364, 381, 382
e See	General liniversity Catalog for description

<sup>\*</sup> See General University Catalog for description.

#### FOREIGN LANGUAGES AND LITERATURES

(For Minor and Master Teacher only)

#### FRENCH

The following courses may be taken by special permission: \*French 313, 320, 324, 325, 326, 335, 443

#### GERMAN

The following courses may be taken by special permission: \*German 313, 333, 335

#### SPANISH

The following courses may be taken by special permission: \*Spanish 335, 336, 337, 338, 351, 352

## GENERAL SCIENCES

#### BIOLOGY

(For Minor and Master Teacher only)

- 495 Problems in Biology: Independent original work upon special problems, with
   496 scheduled conferences and written report, including survey of literature involved. Prerequisite: At least two years of college biology and consent of instructor.

The following courses may be taken by special permission: \*Biology 320, 325, 351, 361, 395, 396

#### HISTORY AND GOVERNMENT

#### HISTORY

The following courses may be taken by special permission:

\*History 311, 312, 315, 319, 321, 322, 323, 324, 325, 326, 330, 331, 340, 351, 361, 362, 365, 380, 385

#### GOVERNMENT

The following courses may be taken by special permission:

\*Government 301, 302, 313, 314, 315, 316, 317, 318, 326, 327, 331, 332, 333, 391, 392, 490.

<sup>\*</sup> See General University Catalog for description.

<sup>\*</sup> See General University Catalog for description.

#### MATHEMATICS

(For Master Teacher only)

	(101 11111111 111111111 1111)
423 424	of the instructor.
	Credit 2 to 3 hours per semester (I—II)
	The following courses may be taken by special permission: *Mathematics 311, 324, 364
	PSYCHOLOGY
400	Minor Problems: Investigation of minor problems in the various fields of psychology. Prerequisite: Sixteen hours of psychology and permission of the

Head of the Department. 402 School Adjustment to Child Problems: This course is a study of adjustment plans and programs for children of elementary school age; a study of

individual differences from the standpoint of deviations and their educational implications will be included; actual demonstrations of behavior and learning problems in subnormal, supernormal and abnormal children will augment the work in this course. Prerequisite: Nine hours of psychology and permission of instructor.

421 Individual Mental Tests: Practice in the technique of the Binet-Simon test for measuring intelligence; intensive training in the testing of children. Prerequisite: Permission of the instructor. 

Clinical Tests: Training in technique of administering performance tests; laboratory demonstrations and individual testing. Prerequisite: Six hours of psychology.

424 Abnormal Psychology: Abnormal mental phenomena, viz., disorders of perception, association, memory, affection, volition, and personality. Prerequisite: Six hours of psychology and junior standing. 

426 The Problem Child: A study of the unadjusted child, with special consideration of mental and physical factors leading to maladjustment. Prerequisite: Six hours of psychology.

433 Vocational Psychology: Psychological principles as they apply to the man-

agement and administration of various occupations, trades tests, advertising, rating scales, and other techniques. Prerequisite: Permission of the instructor. 

434 Advanced Industrial Psychology (Business Psychology): A continuation of Psychology 333. 

Tests and Measurements: A course covering the administration, construction, and use of group tests of ability and school achievement. Prerequisite: Six hours of psychology. 

\* See General University Catalog for description.

510 Advanced Educational Psychology: The implication of various schools of psychological thought to the problems of education. Prerequisite: Six hours of psychology. 

UNIVERSITY OF OMAHA

513 Theoretical Psychology: A consideration of the fundamental tenets of the various schools of modern psychology; Structuralism, Behaviorism, Functionalism, Gestalt, and Self Psychology. Prerequisite: Twelve hours of psychology. 

528 Counseling and Psychotherapy: An intensive practicum course in clientcentered counseling and psychotherapy; the place of counseling; old and new viewpoints in counseling; initial problems faced by the counselor; the processes of counseling; case studies. Prerequisite: 15 hours psychology, including Psychology 424. 

The following courses may be taken by special permission:

\*Psychology 325, 331, 333, 383, 385

#### SOCIOLOGY

Group Leadership Training: A course in the techniques, materials, and objectives of leadership in group work; lectures will be supplemented with field work and practical problems. Prerequisite: Socioloy 323. Credit 1 to 3 hours (E) ...... Staff

404 Population Analysis: This course deals with social and cultural factors as forces in the behavior of men, social significance of population data, racial and cultural relations, and studies of population movements as related to changing culture patterns. Prerequisite: Basic courses in sociology. 

416 Ethnic Relations: A study of racial and nationality groups; their differentiating characteristics; types of interaction; adjustment and institutions; problems of minority groups; and ethnic policies. Prerequisite: Senior standing and 6 hours of sociology. 

Propaganda and Social Control: A study of propaganda as an important factor in control of social behavior and an analysis of other means of social control. Open only to Graduate Students. 

438 Elements of Social Case Work: This course deals with the fundamentals and techniques of interviewing in different types of social and community welfare work, and some basic principles of social case work. Prerequisite: One year of sociology. 

Methods of Social Research: A critical study of the approaches and methods used in social investigation; original research in the field of interest of students is undertaken. Prerequisite: Sociology 212.

Research Seminar: Special projects; open only to advanced students in the Department. Prerequisite: Two years in sociology. 

History of Social Thought: The development of positive and organic social thought; offers a fundamental background for understanding the central theories of human progress. Prerequisite: Basic courses in sociology. The following courses may be taken by special permission:

\*Sociology 304, 306, 310, 323, 335

<sup>\*</sup> See General University Catalog for description.