COLLEGE BULLETIN

THE GRADUATE SCHOOL

of the

Texas State College for Women College of Industrial Arts Denton, Texas



Announcements for 1930-1931

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THE GRADUATE SCHOOL

Authorization

The establishment of a Graduate School at the Texas State College for Women, College of Industrial Arts, was authorized by the Board of Regents at its meeting held on March 22, 1930. For the year 1930-31 work leading to the degree of Master of Arts will be offered, with majors in the following departments: Home Economics, Fine Arts, English, History, Spanish, and Education.

The administrative work of the school is carried on by the Committee on Graduate Study, appointed each year by the President, the President and the Dean of the College being, ex-officio, members of this committee.

The Purpose of Graduate Study

One of the principal functions of the Graduate School is to establish and maintain an atmosphere favorable to creative work on the part of both faculty and students. It is believed that undergraduate work also thrives best in such an environment. From the standpoint of the graduate student, the purpose of the school is to make possible a more comprehensive grasp of a field of knowledge and to develop the power of independent thought and ability in research.

The graduate student is expected to take the initiative and assume full responsibility for carrying on her work. Class work should be regarded as furnishing the basis for wide reading and independent study, for the graduate student must keep in mind that even though a considerable amount of her work must be in courses admitting undergraduates, she is expected not merely to recite upon class assignments but to master subjects. The master's degree is conferred not in consideration of the number of semester hours accumulated but for high attainment in some major field and a thorough grounding in a related branch of knowledge.

Admission

Graduates of this college, or of any university or college recognized as in good standing by the Association of Colleges and Secondary Schools of the Southern States, are admitted to the Graduate School by the Registrar. Admission to candidacy for a master's degree, however, will be determined upon the merits of each individual case. In all cases graduate work ought to be built upon an undergraduate foundation in the same subject in which graduate work is pursued. Whether the undergraduate foundation is sufficient will be determined by the director of the department in which the major field of work lies and by the graduate committee. In cases of inadequate preparation for graduate work, the additional time and courses to be demanded will be adjusted by the same agencies. To obtain formal admission it is first necessary to fill out an application blank which may be obtained from the Registrar of the College. Graduates of other institutions should furnish the Registrar with a transcript of all college work done both before and after receiving the bachelor's degree. Graduates of this college should furnish a transcript of all college work done since receiving their bachelor's degree.

As soon as possible after the receipt of the formal application for admission and the necessary transcripts, the student will be notified by the Chairman of the Committee on Graduate Study of the action taken. If the transcripts show any deficiencies in prerequisites for graduate work in the major or minor subjects, the applicant will be informed at this time.

It will facilitate the matter of admission very materially and do away with many of the inconveniences and annoyances that sometimes occur if the applications and transcripts are furnished the Registrar several weeks before the opening of the session in which work is to be done.

Registration

The necessary blanks for registration are obtained at the Registrar's office. An adviser is next assigned by the Chairman of the Committee on Graduate Study; the Adviser will ordinarily be the director of the department in which the major field of work lies, but the professor supervising the student's work may also act as Adviser. The supervising professor will be known as the student's Major Professor. The Adviser will enter upon a schedule card the courses in which the student may register. After enrollment in each of these courses, the schedule card must be submitted to the Chairman of the Committee on Graduate Study for approval. If approved, graduate grade cards for each course will be prepared. Under no circumstances will a student be permitted to apply a college course on the master's degree unless approval by the Graduate Committee is obtained prior to undertaking the work of the course in question. After approval of the schedule card by the Chairman of the Committee on Graduate Study, fees may be paid and the schedule card left with the Dean of the College.

Credit books. Students should assume the responsibility, by occasional inquiry at the Registrar's office or of the Chairman of the Committee on Graduate Study, of checking the progress toward their degrees. The Registrar's office provides each student with a credit book which should at all times contain a complete record of the student's work. This should be presented whenever advice is sought.

In the selection of their studies, students should take counsel with those competent to give it, but the student must assume full responsibility for mistakes in enrollment. Credit secured through enrollments not in accord with the regulations of the Graduate School will not be accepted to satisfy the requirements for a degree.

Requirements for a Master's Degree

General. The master's degree denotes that achievement which a student of good average ability, who has completed a first-class undergraduate course and arranged her electives advantageously, may reasonably expect to attain in one year of entire and successful devotion to her studies, under competent direction.

Residence. A minimum of one year of residence is required for the master's degree; three summer sessions of twelve weeks each or four summer sessions of nine weeks each will be considered equivalent to one academic year. Where other duties encroach upon the time of the candidate, the time of residence will be extended.

Amount of Work Required. While the requirements for the degree are not based upon courses or credits, a minimum of thirty semester hours is required for the master's degree. Six of the thirty semester hours will ordinarily be devoted to the completion of a satisfactory thesis.

No student who is a candidate for a master's degree will be permitted to elect more than sixteen semester hours either for credit or non-credit. During the summer session of nine weeks, registration will be limited to nine semester hours.

Language Requirement. Candidates for a master's degree in a liberal arts department of the College must possess a working knowledge of a foreign language, the language to be specified by the director of the department in which the major subject lies. This language requirement may be absolved by securing a written statement from the director of the language department that the candidate possesses a reading knowledge of the language specified, or that the candidate has entrance credits and college credit equivalent to the language requirement for a bachelor of arts degree at this College.

For the year 1930-1931 the language requirement has been waived by the Department of Fine and Applied Arts and the Department of Home Economics. This, however, should not be interpreted as establishing a permanent policy of the Graduate School.

Major and Minor Subjects. The candidate will select a major and a closely allied minor subject. A minimum of twelve semester hours will be required in the major subject, and a minimum of six in the minor subject. All courses applied toward a master's degree must be taken in either the major or the minor subject. The total number of semester hours in the major and minor subjects must be at least twenty-four, exclusive of the thesis. Certain courses intended for advanced undergraduates will also be open to graduate students, provided additional work is done in such courses. However, to satisfy requirements for a major or minor some departments require a portion of the work to be made up of courses numbered above five hundred. For the year 1930-1931, the major subject must be selected from one of the following fields:

> English Education Fine and Applied Arts History (American) Home Economics Spanish

The minor must be selected from a cognate field. Whether a suitable correlation exists between the major and minor as selected by the candidate will be decided by the Committee on Graduate Study. The choice of the minor must have the approval of both this Committee and the candidate's Major Professor. Subject to such approval graduate minors may be selected in Biology, Business Administration, Chemistry, Government and Economics, Mathematics, and Physical Sociology, Education, as well as from any of the departments that offer a graduate major. As rapidly as the demand and facilities warrant, other departments will offer work fulfilling the requirements for a minor.

Thesis. The candidate will submit a thesis showing independent scholarship and marked creative attainment in some branch of learning. Except for those students who are obtaining their degrees solely by work in the summer sessions, approval of the subject of the thesis must be obtained by November 1, from the Committee on Graduate Study. Students working for degrees in the summer session only must secure such approval not later than the beginning of the third week of the second summer session of their residence.

The thesis itself, in approximately its final form, must be approved by the Graduate Committee not later than three weeks before the commencement at which the degree is to be conferred. Two copies of the thesis in approved form must be furnished the Committee on Graduate Study not later than ten days before the date of conferring the degree. If the thesis is not printed, it must be typewritten. Before typing the thesis, the candidate should consult the Committee on Graduate Study as to the regulations governing all matters of form and mechanical arrangement. One type-written or printed copy of every thesis must be deposited in the College library.

Although the thesis requirement may be interpreted broadly, so as to include artistic production, the performance of a project, or any other intensive study of a special topic, nevertheless the main purpose of the thesis requirement is to furnish proof that the candidate has the ability to organize and to express clearly in written form the results of her work on the topic of the thesis.

Where Honors Courses precede work on a thesis, and the thesis becomes an outgrowth of the Honors Course, it will be assigned a credit of three semester hours. In other cases the work necessary for the preparation of a satisfactory thesis will carry a credit of six semester hours. No substitute for the thesis, in the nature of additional courses or residence, will be permitted by the Committee on Graduate Study.

Grades. The lowest passing grade is B. Grades of C and D are failing grades so far as credit toward a master's degree is concerned. However, credit in the course will be given to satisfy prerequisite requirements, requirements for a certificate, etc.

Final Examinations. Final examinations will be both written and oral, and will be of a comprehensive character. No oral examination will be scheduled during the regular period for final examinations for undergraduates. The final examinations for the master's degree will be conducted by a committee of which the candidate's Major Professor shall be chairman. The remaining members will be selected by the Committee on Graduate Study. Two members of the staff of the major department, one of the staff of the minor department, and a representative of the Committee on Graduate Study must serve on the committee.

Time Limit. The schedule of work leading to the master's degree, approved at the opening of the session in which such work was started, may be completed at any time within a period of five years. If a longer period is used in completing degree requirements, the department directors concerned and the Committee on Graduate Study may make such changes as they deem advisable in the amount or nature of work to be completed.

Election of Graduate Work by Seniors, and Others Not Candidates for a Degree

Seniors who at the beginning of the second semester of their senior year lack not more than nine semester hours of a bachelor's degree, may be permitted to register for courses which may be applied toward meeting the requirements for the master's degree, provided that the total registration does not exceed fifteen semester hours, and provided proper application is made with the Committee on Graduate Study before registering in such courses.

Except in the case of seniors such as those above referred to, no work done previous to formal admission to the Graduate School will be counted toward a degree.

Regulations Governing Residential Life

The following regulations regarding residential life will apply to all students admitted to the Graduate School in full standing:

Graduate students attending the regular session of the College will be expected to make their own arrangements for rooms. For the present, accommodations in the dormitories, senior houses, or undergraduate lodgings will not be available for the use of graduate students, except during the summer session. Should the demand warrant, suitable dormitory accommodations will be set aside for the exclusive use of graduate students attending the summer school. In that event, arrangements for such rooms may be made by correspondence with the Registrar. If not living in a dormitory, a graduate student may secure board in the dormitory dining halls at regular undergraduate rates, or meals may be taken at the College cafeteria, or elsewhere, at the discretion of the student. Graduate students living in a dormitory must arrange for board in one of the dormitory dining halls.

In general the only restriction placed on graduate students is that their social life shall be so governed that it conforms to the established traditions of the College. It will be unrestricted by the regulations applying to undergraduates.

Graduate students will not wear uniforms.

Fees

The fees shall be the same as those required of undergraduates. See pages 173-176, Bulletin 139, the College catalogue.

For further particulars communicate with the Registrar or with the Chairman of the Graduate Committee.

ANNOUNCEMENTS OF DEPARTMENTS OF INSTRUCTION

In the following pages are outlined the courses in the various departments which may count for graduate credit. The fact that a course is so listed does not mean that it may count toward an advanced degree. To be counted, it must be a part of a program of graduate study in harmony with the regulations of the Graduate School and meeting the approval of the major and minor professors.

Attention is directed to the statements preceding the announcements of courses in the various departments. Here will be found statements of the prerequisites for graduate work in the particular fields, together with other special departmental requirements. Attention is especially directed to the proportion of graduate courses (courses numbered above five hundred) required in some departments. These requirements may not be waived except with the permission of the Head of the Department and the Committee on Graduate Study. Departmental requirements are supplementary to the general requirements of the Graduate School.

Not all the courses listed are available at any one time. Some are given in alternate years. The class schedule which is published just before the beginning of each semester should be consulted for final announcements of courses to be given. The summer school bulletin, available in February, gives complete schedules for the summer session.

The descriptions of courses have in some cases been either shortened or omitted. The College Catalogue, Bulletin 139, should be consulted for the full descriptions.

DEPARTMENT OF ENGLISH

LEE MONROE ELLISON, Ph. D., Director			
WILLIAM STANTON DONOHO, M. A.	Edna M. Clark, M. A.		
LILA ST. CLAIR MCMAHON, M. A.	CONSTANCE LOUISE BEACH, M. A.		
MAMIE W. WALKER, M. A.	BELLE TURNER JOHNSON, M.A.		
ANDREW ASHBURN, Ph. D.	OLIVE MCCONNELL WHITTEN, M. A.		
IVAN L. SCHULZE, Ph. D.	AGNES TRAMEL, M. A.		
MARGARET WILEY, M. A.	MARY HUFFORD, M. A.		

Candidates for the master's degree with English as the major subject are required to choose at least six hours from the following sequence: English 435, English 436, English 532, English 533. Candidates for the master's degree with English as the minor subject are required to choose at least three hours from the same sequence.

For Graduates and Undergraduates.

The undergraduate courses listed below may, with the approval of the instructor in charge, be counted for graduate credit. Extra work in the form of papers and written reports upon special assignments will usually be required.

English 331—The Novel, From the Beginnings to 1832.—*First* semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 332—The Novel Since 1832.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 333.—Shakespearean Comedy.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 334—Shakespearean Tragedy.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 337—Milton and the Seventeenth Century.—*First semes*ter. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 338—English Literature of the Eighteenth Century.— Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 431—Poetry of the Romantic Period.—*First semester.* Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 432—Poetry of the Victorian Period.—Second semester.

Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 437—American Literature.—Second semester. Lecture and recitation, three hours a week. Prerequisite, English 231-232.

The courses listed below are open to graduates and undergraduates alike.

English 433—Prose Writers of the Victorian Period.—*First* semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 231-232.

English 435—Elements of the English Language.—*First semester.* Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, two years of college English. A knowledge of Latin and German is highly desirable. Required of all students who choose English as the major subject.

English 436—Chaucer.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, English 435.

English 438—Honors Course—A pro-seminar course for advanced students who have done distinguished work in English. The subjects chosen for study will vary from year to year. Class meetings will be held once a week. Credit, three hours.

English 439—The Non-Dramatic Literature of the Elizabethan Period.—Lecture and recitation three hours per week. Credit, three hours. The material for this course is found in the poetry and the miscellaneous prose written in England from the publication of Tattel's *Miscellany* to the close of the Elizabethan period.

For Graduates

English 531—Elizabethan Drama.—Lecture and recitation, three hours per week. Credit, three hours. This course follows the general outlines of dramatic history in England from the early work of Lyly, Marlowe, and Kyd to the close of the theaters. Prerequisite, English 333-334. Undergraduates will be admitted to this course upon the approval of the instructor in charge.

English 532—Old English.—Lecture and recitation, three hours per week. Credit, three hours. Old English grammar and phonology. The reading for the course is supplied by Bright's Anglo-Saxon Reader and Wyatt's edition of Beowulf.

English 533—Middle English.—Lecture and recitation, three hours per week. Credit, three hours. A study of the sounds and syntax of the English language in the period following the Norman Conquest, with special attention to dialectal variations. Material for study is supplied by Emerson's A Middle English Reader.

English 534—Conference Course.—Personal consultations with students who are engaged in the writing of master's theses.

DEPARTMENT OF FINE AND APPLIED ARTS

MARY MARSHALL, M. A., Director

MATTIE LEE LACY, M. A.	CORINNE CHALARON, B. Arch.	
MARY STARR TAYLOR	NINA KINNEY, B. S.	
MARIE DELLENEY, M. A.	Lydia J. Williamson	
COREEN MARY SPELLMAN, M. A.	HELEN D. WYSOCKI	
DOROTHY LASELLE, M. A.	JEANNE D. PHILLIPS, B. Arch	
MARJORIE BALTZEL, B. F. A.	THETIS LEMMON, B. S.	

Distribution of Work for the Master's Degree

If the major subject is Fine and Applied Arts, from six to fifteen semester hours must be selected from courses carrying five hundred numbers. The Major Professor will determine in each case the proportion of courses designated by these higher numbers.

For Graduates and Undergraduates

All courses listed below have a prerequisite of junior or senior standing. If the course carries a three hundred number, extra work will be required in order that it may count for graduate credit, and all prerequisites must have been met.

Courses carrying a four hundred number will count for graduate credit provided all prerequisites have been met.

Design 331-332.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Design 221-222.

Costume Design 331-332.—*Each semester.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Drawing 231-232, Design 121-122.

Interior Decoration 331-332.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Design 122, Drawing 122, Mechanical Drawing 231-232. Parallel, Painting 331-332.

Art in Advertising 331-332.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite or parallel, Design 221-222 and Drawing 231-232.

Painting 331-332—Oil and Water Colors.—First and second semesters. Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Drawing 121-122, Design 121-122.

Architectural Drawing 331-332.—First and second semesters. Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Mechanical Drawing 231-232.

Illustration 331-332.—First and second semesters. Laboratory,

six hours a week. Credit, three hours for each semester. Prerequisite, Design 121-122, Drawing 231-232.

Drawing 331-332.—*First and second semesters.* Laboratory, six hours a week. Lecture, one hour a week. Credit, three hours for each semester. Prerequisite, Drawing 231-232.

Painting 431-432—Oil and Water Colors.—First and second semesters. Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Painting 331-332.

Costume Design 431-432.—*Each semester*. Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Costume Design 331-332.

Art in Advertising 431-432.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Art Applied to Advertising 331-332.

Pottery 431-432.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Pottery 331-332.

Jewelry 431-432.—*Each semester*. Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Design 222 or Design 226.

Woodwork 431-432.—*Each semester.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Woodwork 331-332.

Metal Work 431-432.—*Each semester.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Metal Work 331-332.

Architectural Design 431-432.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Architectural Drawing 331-332.

Interior Decoration 431-432.—*First and second semesters.* Laboratory, six hours a week. Credit, three hours for each semester. Prerequisite, Interior Decoration 331-332.

For Graduates

These courses are primarily for graduate students; they are open to seniors who have secured special permission, but are not open to juniors.

History of Art 531-532.—*First and second semesters.* Lecture and seminar. Credit, three hours for each semester. Prerequisite, History of Art 431-432.

Advanced study in some branch of the work pursued in the general course. The work is individual. Topics selected from significant problems in the field. Art Applied to Advertising 531.-

Art Applied to Advertising 532.—First and second semesters. Laboratory and seminar. Credit, three hours each semester. Prerequisite, undergraduate major in Art Applied to Advertising.

Individual work in special phases of Art Applied to Advertising.

Costume Design 531.---

Costume Design 532.—First and second semesters. Laboratory and seminar. Credit, three hours each semester. Prerequisite, undergraduate major in Costume Design.

Individual work in one or more phases of costume art. Student must show comprehensive knowledge of the theoretical and professional material in the field.

Interior Decoration 531 .---

Interior Decoration 532.—First and second semesters. Laboratory and seminar. Credit, three hours each semester. Prerequisite, undergraduate major in Interior Decoration.

Research and original organization in particular phases of the subject. Student must show comprehensive understanding and knowledge of the theory and general practice in this field.

Pottery 531.-

Pottery 532.—*First and second semesters.* Laboratory and seminar. Credit, three hours each semester. Prerequisite, undergraduate major in ceramics.

Research and experimental work using American materials. Low fired porcelain bodies and glazes. Study of American and foreign pottery.

Design 531.-

Design 532.—First and second semesters. Laboratory and lecture. Credit, three hours each semester. Prerequisites, Drawing 231-232 or its equivalent.

Drawing from model in various media, with emphasis on composition. Individual expression.

Painting 531.-

Painting 532.—First and second semesters. Laboratory, six hours. Credit, three hours. Prerequisites, Painting 431-432.

Advanced work with emphasis on individual expression. Study of the traditions of painting.

Thesis—Six hours credit. Under the direction of a member of Fine Arts Faculty. (See also, "Thesis Requirements," Page 6.)

The following are courses intended to apply on a minor in Related Arts for students majoring in Home Economics (major in Clothing and Textiles):

For Undergraduates

Drawing 235.—For Home Economics Clothing Majors. First semester. Laboratory, six hours. Credit, three hours.

Perspective and figure construction. A condensed course to meet the needs of students majoring in Home Economics. (Does not count for graduate credit.)

For Graduates

Advanced Design 535.—

Advanced Design 536.—First and second semesters. Laboratory, six hours. Credit, three hours each semester. Prerequisite, undergraduate Clothing major.

A summary course dealing with the structural elements in art (emphasis on color). Problems to be the individual needs of the student.

Costume Design 536.—Second semester. Laboratory, six hours. Credit, three hours. Prerequisite, undergraduate Clothing major.

This course aims to equip the student to undertake the visual production of amateur plays and pageants: designing of costumes, sets and masks. Instruction in handling broad decorative effects through various media and crafts, as tye-dyeing, dye painting, stippling, etc. Construction of several stage sets to scale. Special attention given to the modern trend of the theatre.

DEPARTMENT OF FOREIGN LANGUAGES

REBECCA SWITZER, Ph. D., Director WILLIAM DYER MOORE, M. A. ROBERT KING ATWELL, M. A. LILLIAN E. BENSON, M. A. LOIS CARLISLE, M. A. WAUDE A. WALLIN, M. A. JEROME A. MOORE, M. A.

LOUIS J. BOURDON, Bachelier es-Lettres, Licencie es-Lettres

For the year 1930-31 Spanish will be the only field in which a major may be chosen. A minor in French or in Latin will be possible provided the approval of both the major and minor professor is obtained.

For Graduates and Undergraduates

The courses listed below may be counted for graduate credit provided extra work is done in each course. Junior or senior standing is ordinarily a prerequisite for admission to these courses. However, sophomores of maturity whose training in the foreign language involved qualifies them for consideration may be admitted to some of these courses by securing special permission of the Director of the Department.

French 431—Romantic Poetry.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 331-332.

French 432—The Romantic Drama and Novel.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 331-332.

French 433—The Modern Novel.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 331-332.

French 434—Modern Drama and Poetry.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 331-332.

French 435—Seventeenth Century Classicism.—*First semester.* Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 331-332.

French 436—Classical Tragedy.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, French 435.

French 437.—A pro-seminar course for advanced students who have made an excellent record in French and who wish to prepare themselves for graduate work. The subjects chosen will vary from year to year. Credit, three hours.

Latin 331—Plautus-Mostellaria and Amphitruo; Vergil-Bucolics and Georgics.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Latin 231-232.

Latin 431—Apuleius-Cupid and Psyche; Pliny's Letters.—First semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Latin 231-232.

Latin 432—Selections from Martial and from Lucretius.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Latin 231-232.

Latin 433—Honors Course.—A pro-seminar for students of special attainment. Credit, three hours.

Spanish 431—Modern Spanish Drama and Poetry.—*First semester.* Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Spanish 331-332.

Spanish 432—Contemporary Spanish Drama and Poetry.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Spanish 431 or Spanish 433.

Spanish 433—Modern Spanish Novel.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Spanish 331-332.

Spanish 434—Contemporary Spanish Prose.—Second semester. Lecture and recitation, three hours a week. Credit, three hours for each semester. Prerequisite, Spanish 433 or Spanish 431.

Spanish 435—Early Spanish Classical Prose.—*First semester.* Lecture and recitation, three hours a week. Credit, three hours for each semester. Prerequisite, Spanish 331-332.

Spanish 436—Cervantes.—Second semester. Lecture and recitation, three hours a week. Credit, three hours for each semester. Prerequisite, Spanish 435 or Spanish 437.

Spanish 437—Early Spanish Classical Drama and Poetry.—First semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Spanish 331-332.

Spanish 438—Lope de Vega and His Contemporaries.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Spanish 437 or Spanish 435.

Spanish 439—Honors Course.—A pro-seminar course for advanced students who have made an excellent record in Spanish and who wish to prepare themselves for graduate work. The subjects chosen will vary from year to year. Credit, three hours.

For Graduates

Spanish 531.-

Spanish 532—A Survey of Spanish Literature.—First and second semesters. Lecture and recitation, three hours a week. Credit three hours for each semester. Prerequisite, six hours of advanced Spanish. Course intended primarily for graduate students, but students with senior standing may register for it. It will be required of those who major in Spanish in their work leading toward an M. A. degree.

This course is intended to offer to advanced students a survey of Spanish literature. Stress will be placed upon the great periods and the great writers, upon the general trends and characteristics, and, in particular, upon their traditional nature. The course will begin with the mediaeval period and will include the modern. Conducted in Spanish.

Spanish 534—A History of the Spanish Language.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, six hours of advanced Spanish. Course intended primarily for graduate students, but students with unusual linguistic ability and with senior standing may register for it. It will be required of those who major in Spanish in their work leading toward an M. A. degree.

This course traces the development of the Spanish language from the Latin, including a study of the other influences to be found. A study of the history of Spanish syntax, naturally included in this course, is essential to a thorough understanding of modern Spanish grammar.

DEPARTMENT OF HISTORY

GEORGE RAWLINGS POAGE, Ph. D., Director Max Leroy Shipley, Ph. D. Harry Gordon Allen Robert Earl Jackson, M. A. Marie J. Kohnova, Ph. D. Sue L. Overton, M. A.

During 1930-31 graduate work in History will be confined to the field of American History.

For Graduates and Undergraduates

The courses listed below may be counted for graduate credit. These courses are not open to sophomores. As a rule, when juniors are admitted to these courses, graduate students will be required to do additional work in order to secure graduate credit.

History 431—The Westward Movement. A study of the westward movement into the Mississippi Valley and the Far West, the significance of the frontier, and the influence of the West upon American social and political life.

History 432—History of Texas.—The social and political development of Texas from colonial times to the twentieth century.

History 433—Social History of the United States, 1815-1865.—The development of sectional interests and antagonisms, which culminated in the War for Southern Independence.

History 435—The Early Republic.—Social and political history of the United States, 1783-1815.

History 436—Political History of the United States, 1815-1865.— The expression in political action of the fundamental forces investigated in course 433.

History 437—Reconstruction and Change.—Social and political development of the United States from the Civil War to the end of the Nineteenth Century, with special emphasis on the changing character of American life. (Not open to students with credit for History 434.)

History 438—Imperialism and Reform.—The United States in the Twentieth Century, with emphasis on the issues and background of imperialism, social and political reform, the World War, and post-war development.

History 439-Honors Course.---A pro-seminar in American history.

The Graduate School

For Graduates

History 530—Graduate Seminar.—Training in research methods in History. The topic of study will be varied from semester to semester, and from year to year, with regard to available library resources, credit being given for each topic studied.

For 1930-31, the following topics will be offered by Professor Poage:

a. The Missouri Compromise (First Semester);

b. The Protective Tariff, 1816-1832 (Second Semester).

Thesis-Six hours credit. (For thesis requirements, see page 6.)

DEPARTMENT OF HOME ECONOMICS

MARGARET GLEASON, M. A., Director

Cora Edith Swingle, M. A.	L. GLADYS MCGILL, M. A.		
LUCILLE ROSENBERGER, M. A.	Allie George, B. S.		
GRACE REVELL BAILEY, M. S.	MARY E. GOLDMANN, M. S.		
HOYLAND D. YOUNG, Ph. D.	EDNA STORRS BATES, Ph. B.		
KATE L. BEAR, M. A.	VALLIERE G. DECKER, M. S.		
elen A. Bray Sarah Lee, M. A.			
CHARLOTTE HALGRIM, M. A.	LUCILE MAGRUDER, M. S.		
MOZELLE E. CRADDOCK, M. A.	MARY JENKINS, M. S.		

For the year 1930-31, the following combinations of majors and minors are offered for the master's degree in the Department of Home Economics:

- I. Major subject—General Home Economics. Minor subject—Education.
- II. Major subject—Clothing and Textiles. Minor subject—Choice of one of the following: Education or Related Arts.
- III. Major subject—Foods and Nutrition. Minor subject—Choice of one of the following: Chemistry or Education.

Prerequisites for Graduate Courses

The following undergraduate courses are prerequisites for graduate work in the fields indicated; if credit in these courses or their equivalents has not been earned, it will be necessary to elect these courses without credit: For General Home Economics Major:
Foods 331 or equivalent.
Design 225, Clothing 332, or equivalent.
Education 339-f, Education 441-f, and twelve semester hours in Education.

For Clothing and Textiles Major: Clothing 222, 231 and 332, or equivalent. Costume Design 226, or equivalent. Textiles 221, or equivalent.

For Foods and Nutrition Major: Foods 331, or equivalent. Chemistry 141-142, 231-232 or equivalent. Physiology 131, or equivalent. Bacteriology 231, or equivalent.

For Minor in Education: Students minoring in Education must have secured credit for at least eighteen semester hours in this subject. Six semester hours in History of Education must be included in this prerequisite. If these prerequisites have not been met, suitable courses in Education should be elected as early as possible.

General Requirements as to Distribution of Graduate Work

Three or six semester hours, selected from the Unit Courses described on page 26 may be applied on the requirements for a master's degree in Home Economics provided they are approved by the Major Professor and are offered in groups of three related units. Students entering the Graduate School after the summer session of 1930 may not count more than six semester hours chosen from the unit courses. All unit courses completed in the summer session of 1930 will count toward a master's degree.

For an advanced degree in Home Economics, a certain proportion of the courses elected must be chosen from courses numbered above five hundred. The Major Professor will determine in each case what this proportion will be; it will vary from six to fifteen semester hours.

MAJOR IN GENERAL HOME ECONOMICS

For Graduates and Undergraduates

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

Child Care and Training 322—Nursery School—First and second semesters. Lecture and recitation, two hours a week. Laboratory, work in nursery school. Credit, two hours. Prerequisites, Foods 331 and junior standing.

Foods 332—Dietetics.—Second semester. Lecture and recitation, one hour a week. Laboratory, four hours a week. Credit, three hours. Prerequisites, Chemistry 231 and Foods 331.

Foods 323—Marketing.—*First semester*. Lecture, two hours a week. Laboratory, two hours a week. Credit, two hours. Prerequisite, Foods 232.

Foods 334—Demonstration Cookery—Second semester. Lecture and recitation, one hour a week. Laboratory, four hours a week. Credit, three hours. Prerequisite, Foods 232.

Foods 433—Experimental Cookery.—*First semester*. Laboratory, six hours a week. Credit, three hours. Prerequisites, Foods 232, Chemistry 231, and senior standing.

Foods 434—Nutrition.—Second semester. Lecture, two hours a week. Laboratory, two hours a week. Credit, three hours. Prerequisites, Foods 331, Chemistry 232, and senior standing.

Foods 435—Problems in Food Study.—First or second semester. Lecture, two hours a week. Laboratory, two hours a week. Credit, three hours. Prerequisites, Foods 232, Foods 331.

Clothing 336—Applied Dress Design—Each semester. Laboratory, six hours a week. Credit, three hours.

Clothing 435—Dress Construction, Advanced.—Lecture and laboratory, six hours. Credit, three hours. Open to students who have completed Clothing 332.

Clothing 431.—Advanced Clothing Problems. Clothing 432—

For Graduates

The following courses are intended primarily for graduate students; seniors may elect these courses only after securing special permission; juniors are not admitted:

Foods 541.—Problems in Nutrition. (For description, see page 24.) Foods 533.—

Foods 534.—Experimental Methods in Nutrition. (For description, see page 24.)

Textiles 532.—Textile Chemistry. (For description, see page 22.) Art 535.—

Art 536.—Advanced Costume Design. (For description see page 14.)

Home Economics 531.---

Home Economics 532.—Special Problems in the Field of Home Economics.—Special problems for advanced study may be selected from one of the three fields below:

Clothing and Textiles-McGill.

Foods and Nutrition-Young.

Home Economics Education-Tucker.

Registration by permission of the head of the department and professor in charge of the investigation.

Thesis-Six hours credit. (For thesis requirements, see page 6.)

Minor in Education

For the minor in Education, the following courses are required of those majoring in General Home Economics:

(See prerequisites for minor in Education, page 19.)

Education 538—Advanced Methods of Teaching Home Economics —3 hours credit.

For graduate students with experience in teaching. Prerequisites, Education 339-f, 441-f, and six semester hours in Education.

A study of surveys and investigations bearing on the curriculum; results used as a basis for determining the aims and content of courses of study. Selection and arrangement of equipment and text books. A critical study of investigation bearing on methods; home projects; and means oftesting results of instruction.

Education 539—Seminar in Problems of Teaching Home Economics—3 hours credit. Prerequisites, Education 339-f, 441-f and two additional courses in Education, and if possible, parallel Advanced Methods in Teaching Home Economics.

Reports and discussions of current experimental literature bearing upon the problems of teaching Home Economics.

NOTE: If further work is done in Education, the Director of the Department of Education should be consulted as to the courses to be elected.

At least one-half of the courses completed for a graduate minor in Education must have been chosen from courses numbered above five hundred.

MAJOR IN CLOTHING AND TEXTILES

For Graduates and Undergraduates

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

Clothing 335—Historic Costume—*First semester.*—Lecture, two hours a week. Laboratory, two hours a week. Credit, three hours. Prerequisite, junior or senior standing. Required of clothing majors, and recommended for students in fine and applied arts and speech departments. Clothing 336—Applied Dress Design.—Each semuster. Laboratory, six hours a week. Credit, three hours.

Clothing 426—Advanced Millinery—First semester. Laboratory, four hours a week. Credit, two hours. Prerequisite, Clothing 226, or Clothing 326.

Clothing 431-Advanced Clothing Problems.

Clothing 432-

Clothing 435—Dress Construction, Advanced. Lecture and laboratory, six hours. Credit, three hours. Open to students who have completed Clothing 332.

For Graduates

The following courses are intended primarily for graduate students; seniors may elect these courses only after securing special permission; juniors are not admitted:

Clothing 531-

Clothing 532—Special Problems in Clothing and Textiles—Credit six hours. This course offers opportunity for individual investigation in a chosen field of Clothing and Textiles.

Conference reports, and group discussions.

Textiles 532—Textile Chemistry—Second semester. Lecture, two hours a week. Laboratory, four hours a week. Credit, three hours. Prerequisite, Textiles 221, two years of Chemistry.

This course aims to give those who are specializing in Textiles a thorough knowledge of the chemistry involved in the industry. It includes a study of the composition, identification, and analysis of the fibers, synthetic fibers, especially, Rayon and Celanese, the bleaching, dyeing, and finishing of the principal fibers, the weighting of silk, quantitative analysis of fibers, deterioration, and cleaning.

Clothing 533-Seminar. Credit, three hours. Critical investigation and reports in the fields of clothing appreciation, economics, and textile development.

Thesis—Six hours credit. (For thesis requirements, see page 6.)

Minor Subjects

Those who are majoring in Clothing and Textiles may minor in either Education or in Related Arts.

Education. Education 538, 338, 534, and 332 may be used in meeting the requirements for a minor, provided at least one-half of the courses elected are chosen from those numbered five hundred.

NOTE:--See also "Prerequisites for Graduate Courses---Minor in Education," page 19.

Related Arts. For a minor in Related Arts, the following undergraduate courses are prerequisites:

> Design 125 Design 226 Costume Design 225 Costume Design 336 Drawing 235

If credit in these courses has not already been earned, they must be elected without credit.

Twelve semester hours are required for a minor in Related Arts, which may be elected from the following courses:

History of Art 431-432—First and second semesters. Lecture, three hours. Credit, three hours each semester. Prerequisite, advanced standing.

General history and appreciation of art. Important art epochs, artists, and schools.

Advanced Design 535-

Advanced Design 536—First and second semesters. Laboratory, six hours. Credit, three hours each semester. Prerequisite, undergraduate Clothing major.

A summary course dealing with the structural elements of art with emphasis on color. Problems to meet the individual needs of the student.

Costume Design 536—Stage Craft and Pageantry—Second semester. Laboratory, six hours. Credit, three hours each semester. Prerequisite, undergraduate Clothing major; Design 535.

This course aims to equip the student to undertake the visual production of amateur plays and pageants, designing of costumes, sets, and masks. Instructions in handling broad decorative effects through various media and crafts as tie-dyeing, dye-painting, stippling, etc. Construction of small stage set to scale. Special attention given to modern trend of the theatre.

NOTE:-This course may be chosen instead of Advanced Design 536.

MAJOR IN FOODS AND NUTRITION

For Graduates and Undergraduates

The following courses require junior or senior standing: graduate students may secure graduate credits for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

Foods 332-Dietetics-Second semester. Lecture and recitation,

one hour a week. Laboratory, four hours a week. Credit, three hours. Prerequisites, Chemistry 231, Foods 331.

Foods 333—Marketing—First semester. Lecture, two hours a week. Laboratory, two hours a week. Credit, two hours. Prerequisite, Foods 232.

Foods 334—Demonstration Cookery.—Second semester. Lecture and recitation, one hour a week. Laboratory, four hours a week. Credit, three hours. Prerequisite, Foods 232.

Foods 433—Experimental Cookery.—*First semester*. Laboratory, six hours a week. Credit, three hours. Prerequisites, Foods 232, Chemistry 231, and senior standing.

Foods 434—Nutrition.—Second semester. Lecture, two hours a week. Laboratory, two hours a week. Credit, three hours. Prerequisites, Foods 331, Chemistry 232, and senior standing.

Foods 435—Problems in Food Study.—First and second semesters. Lecture, two hours a week. Laboratory, two hours a week. Credit, three hours. Prerequisites, Foods 232, and Foods 331.

Foods 431-432—Institutional Management and Large Quantity Cookery.—*First and second semesters.* Lecture, one hour a week. Laboratory, four hours a week. Credit, three hours for each semester. Prerequisites, Food 331, Bacteriology 231, and junior standing.

For Graduates

The following courses are intended primarily for graduate students; seniors are allowed to elect these courses only after securing special permission; juniors are not admitted.

Foods 534—Advanced Nutrition.—Credit, three hours. Prerequisites, Foods 331, Chemistry 332.

An advanced course in the study of the nutritive properties of proteins, fats, carbohydrates, minerals, and vitamins, and their behavior in digestive and metabolic processes.

Foods 533—

Foods 534—Experimental Methods.—Credit, three-six hours. Prerequisites, Foods 331. Prerequisite or parallel, Foods 534 (Advanced Nutrition) and Chemistry 332.

A course in methods of dietary investigation, metabolism studies, calorimetry, animal experimentation, or dietary studies.

Foods 532--Seminar in Nutrition.-Credit, three hours. Prerequisite or parallel, Advanced Nutrition and Chemistry 332.

Reports and discussions of current literature on the recent developments in the field of foods and nutrition.

Foods 541—Problems in Foods and Nutrition.—First Semester. Lecture, four hours a week. Credit, four hours. Prerequisites, Foods 434, Chemistry 332.

The aim of this course is to acquaint the student with the methods

of investigation which are employed in the field of nutrition, recent research work, and some of the unsolved problems in the field. A critical study and discussion will be made of the recent literature on such topics as vitamins, rickets, mineral metabolism, amino acids and protein metabolism, diet in diabetes, pellagra, etc.

Thesis-Six hours credit. (For thesis requirements, see page 6.)

Minor Subjects

Either Education or Chemistry may be selected as a minor if the major is in Foods or Nutrition.

The requirement for a minor in Education is the same as in the preceding two groups.

The requirement for a minor in Chemistry may be met by electing six hours from the following courses:

For Graduates and Undergraduates

The following undergraduate course may be elected for graduate credit provided extra work is done:

Chemistry 332—Physiological Chemistry.—Second semester. Lecture and recitation, two hours; laboratory, four hours a week. Credit, three hours. Prerequisite, Chemistry 232 and one semester's work in Physiology.

For Graduates

The following courses are open to graduates only; seniors must secure special permission before registering in these courses; juniors are not admitted:

Chemistry 532—Seminar, Physiological Chemistry.—Open to graduate students only. Credit, three hours. Prerequisite, Chemistry 332.

(In case credit in Chemistry 332 has not been earned within three years of the time of enrollment in this course, a laboratory problem may be required at the discretion of the instructor.)

Chemistry 531—Experimental Methods.—Six hours of laboratory work and one lecture. *First semester*. Credit, three hours.

This is a course in analytical methods particularly adapted to the needs of graduate students majoring in Foods and Nutrition. Open to others only by consent of instructor.

UNIT COURSES

Selections from the following Unit Courses will be available during the second semester. The schedule of courses issued in the latter part of the first semester will give complete information as to which Units will be offered. Before electing these courses, the statement under "General Requirements as to Distribution of Graduate Work," should be consulted.

The units to be offered are:

Home Economics 511—Adult Education.—One Unit. Special choice of subject matter and methods in teaching of adults will be stressed and a demonstration class taught for observation study.

Home Economics 512—Home Projects. One Unit. Special attention will be given to plans and reports and to the problems confronting the High School teachers in making home projects most effective.

Home Economics 513—Family Relationship.—One Unit. Special attention will be given to subject matter relative to problems of family relationship that may be presented to a High School group. Various methods of presenting this subject matter will be stressed in order to interest the students in this type of subject matter.

Home Economics 514—Clothing Problems.—One Unit. Special emphasis will be given to methods of correlating design problems with clothing construction problems.

Home Economics 515—Child Care and Training.—One Unit. An opportunity to study the problems of Child Care and Training, followed by directed observation in the Nursery School.

Home Economics 516—Special Methods.—One Unit. A study will be made of the various methods of presenting Home Economic subject matter so that the subject presented will be most interesting.

Home Economics 517—Food Problems.—One Unit. A study will be made of the problems that make food study in the home-making program interesting and practical to the average student.

Home Economics 518—Curricula Study.—One Unit. This unit is planned to give advanced students an opportunity of selecting and organizing subject matter in Home Economics to meet the needs of various groups of students. The types of courses planned and selected for study are based upon the needs of the students enrolled.

Home Economics 519—Applied Design.—One Unit. This unit is planned for the special study of design principles and their application to various problems of the home.

DEPARTMENT OF PHILOSOPHY AND EDUCATION

RICHARD J. TURRENTINE, M. A., Director			
SPENCER LONGSHORE STOKER, Ph.D.	ANTHONY C. WALVOORD, M. A.		
JEWELL LOCHHEAD, M. A.	Robert J. Garner, M. A.		
HOB GRAY, Ph. D.	IVA CHAPMAN, M. A.		
LAWRENCE H. MOORE, Ph. D.	BERNICE MCDONALD, M. A.		
ARTHUR EDWARD MACKEY, M. A. PERSIS CARTER TERHUNE, B			
SAMUEL POWELL WALKER, M. A.	BERTHA K. DUNCAN, Ph. D.		
CLARA TUCKER, M. A.	JULIA E. LIPSCOMB, B. A.		

Prerequisites for a Major or Minor in Education

Minor. Students who minor in Education must have secured credit for a minimum of eighteen semester hours of undergraduate work in Education. Six semester hours in History of Education must be included in the undergraduate work. If an applicant does not have the quantity and quality of Education mentioned, she will be asked to do undergraduate work without credit to satisfy the deficiency.

Major. Students who major in Education must have secured credit for a minimum of twenty-four semester hours of undergraduate work in Education. Six semester hours in History of Education must be included in the undergraduate work. If an applicant does not have the quantity and quality of Education mentioned ,she will be asked to do undergraduate work without credit to satisfy the deficiency.

Students who major in Education are advised to elect twelve semester hours in a minor provided they expect to teach in high schools or in colleges. Students are advised to minor in the subject they hope to teach in high schools or in colleges.

Students who major in Education and who expect to teach in schools other than high schools and colleges are advised to elect six semester hours in their minor and eighteen semester hours in their major. Of course, the thesis (six hours) is to be written on a topic in the field of the major.

Distribution of Graduate Work

Students majoring or minoring in Education will be required to select at least one-half of their courses from those numbered above five hundred.

For Graduates and Undergraduates

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

Philosophy 335-Applied Psychology.-Second semester. Two se-

mesters of Psychology—Education 131 and Philosophy 334 are prerequisites to this course.

Education 433—Kindergarten-Primary Education.—To receive graduate credit for this semester, an applicant must have had three courses or eighteen semester hours in Kindergarten-Primary Education.

Education 434—Kindergarten-Primary Education.—To receive graduate credit for this semester, an applicant must have had three courses or eighteen semester hours in Kindergarten-Primary Education.

Education 439—Mental Hygiene.—To receive graduate credit for this semester, the applicant must have had three courses or eighteen semester hours in Education. One course or six hours of this credit in Education must be in History of Education.

Education 432—International Education.—To receive graduate credit for this semester, the applicant must have had three courses or eighteen semester hours in Education. One course or six hours of this credit in Education must be in History of Education.

Education 338—Psychology of Learning.—Two semesters of Psychology—Education 131 and Philosophy 334 are prerequisite for this work.

Education 332—Tests and Measurements.—In order to secure graduate credit for this semester, the applicant must have secured credit for Education 331.

Education 334—Educational Sociology.—In order to secure graduate credit for this semester, the applicant must have secured credit for Education 333.

For Graduates

The following courses are open to seniors only after securing special permission; they are not open to juniors:

Education 530—Supervision in Kindergarten-Primary Grades.— First semester. Lecture, recitation, and observation in kindergarten and first grade, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in kindergarten-primary education.

This course is planned primarily for elementary school principals and supervisors who wish special training in the supervision of young children. It consists of a study of the techniques of supervision and the improvement of teachers in service. A survey will be made of recent investigations in the field of kindergarten-primary education.

Education 531—The Kindergarten-Primary Curricula.—Second semester. Lecture, recitation, and observation in kindergarten and first grade, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in kindergarten-primary education.

This course deals with the problems of making and administering

the courses of study for the kindergarten-primary grades. The methods of teaching most appropriate for each subject will be discussed and a critical evaluation made of recent courses of study.

Education 532—Children's Literature.—Second semester. Lecture, recitation, and observation in kindergarten and first grade, three hours a week. Credit, three hours.

An intensive study is made of the historical development of children's literature. Emphasis is given to folk-lore, origin, genesis, and dissemination. This course is designed to meet the needs of those dealing with children of pre-school, of kindergarten, or elementary, and of junior high school ages.

Education 533—Statistical Methods.—*First semester*. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in education including six semester hours in History of Education.

A study is made of the methods of collecting, treating, and interpreting data used in educational research. Illustrative material is taken from typical studies in school finance, child-accounting, and standardized tests.

Education 534—Philosophy of Education.—First semester. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in education including six semester hours in History of Education.

In this course, an intensive study is made of selected topics relating to the fundamental conception of education as a biological, psychological, and social process and the school as a social institution. Consideration is given to educational values, attitudes, and standards.

Education 535—Comparative Education.—Second semester. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in education including six semester hours in History of Education.

In this semester, students make a comparative study of educational systems and procedures in various states of the American Union. A comparative study is also made of four or more national systems of education. Similarities and dissimilarities in content of curricula and in methods of procedure receive attention.

Education 536—Curriculum Building.—Second semester. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in education including six semester hours in History of Education.

A historical study is made of curricular changes in various states and countries. Attention is given to present tendencies in the construction of modern elementary and secondary school curricula. Reports from various state commissions and from commissions of the N. E. A. are given thoughtful consideration. Education 537—Supervision.—Second semester. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, eighteen semester hours in education including six semester hours in History of Education.

A study is made of the principles underlying the organization and supervision of classroom instruction, the art and technique of classroom supervision, the supervision of schoolroom instruction in the different school subjects, the means for improving teaching technique, and the judging of teaching efficiency. Consideration is given to organizing courses of study and the selection and use of text-books and other materials of instruction.

Education 538—Advanced Methods of Teaching Home Economics. —*First semester*. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, Education 339-f, Education 441-f, and twelve semester hours in Education.

A study is made of surveys and investigations bearing on Home Economics curricula. The results of such a study are used as a basis for determining the aims and contents of courses of study; for the selection and arrangement of equipment and text-books; for a critical investigation of methods of procedure; for a consideration of home projects; and for means and methods of testing results of instruction.

Education 539—Seminar in Problems of Teaching Home Economics.—Second semester. Lecture, recitation, and reports, three hours a week. Credit, three hours. Prerequisite, Education 339-f, Education 441-f, and twelve semester hours in Education.

This semester of work consists of individual reports and group discussions of current experimental literature bearing upon the problems of teaching Home Economics.

Thesis-Six semester hours. (For thesis requirements, see page 6.)

DEPARTMENT OF BIOLOGY

WILLIE ISABELLABIRGE, M. A., DirectorELIDA MARION PEARSON, M. A.VIOLA C. HAMILTON, M. A.W. J. CRIBES, M. S.BEULAH A. PLUMMER, M. S.LINDA ALLEN, M. A.FLORENCE HENNINGER, M. A.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major. Department of Business Administration

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Bacteriology 331-332—Advanced Bacteriology.—First and second semesters. Lecture and laboratory, nine hours a week; credit, three hours for each semester. Prerequisites, Chemistry 141-142; Botany 131-132, or Zoology 131-132; Bacteriology 231-232.

Zoology 431-432—Advanced Zoology—Histology and Embryology. —First and second semesters. Credit, three hours for each semester. Prerequisite, Zoology 231-232.

Biology 439—Honors Course.

Botany 431-432—Histology and Cytology.—Prerequisite, Botany 231-232.

DEPARTMENT OF BUSINESS ADMINISTRATION

RUTH DOUGLASS, M. A., Director ANNIE ROMBERG, M. A. LEE E. JOHNSON, M. B. A. ROY L. MCPHERSON, M. A. CLARA BRUNS CAIMBACH, B. S.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major. A minor in Business Administration will be approved only if the major subject is Education.

Investments 332.—Second semester. Lecture and recitation, three hours a week. Credit, three hours.

Statistics 433—Principles, Methods, Applications.—*First semester*. Recitation and lecture, three hours a week. Credit, three hours.

Law 431—Business.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours.

Law 432-Business.

Law 434—Business.—Second semester. Lecture, recitation, and cases, three hours a week. Credit, three hours for each course.

Accounting 433—Advanced Principles.—*First semester*. Laboratory and lecture, six hours a week. Credit, three hours. Prerequisite, Accounting 332.

Accounting 434—Problems.—Second semester. Laboratory and lecture, six hours a week. Credit, three hours. Prerequisite, Accounting 332.

Corporation Finance 432.—Second semester. Lecture and recitation, three hours a week. Credit, three hours.

Personnel Management 531.—Study of different types of organizations: chain store, department store, etc. Analysis of typical problems of each kind of organization studied, giving especial attention to their employment problems, labor problems, and labor policy.

Law 532—Law for Women.—Case method will be used, taking up selected cases of particular interest to women. Cases are chosen from field of torts, of persons, landlord and tenant, wills, etc.

DEPARTMENT OF CHEMISTRY

WILLIS H. CLARK, Ph. D., Director
ESTHER L. GRIFFITH, Ph. D.
HELEN ANNA LUDEMAN, M. A.
MARY MABEL REAST,[†] B. L.
HARRY GREGORY WHITMORE, M. A.
HOLYANDE D. YOUNG,[‡] Ph. D.

†On leave of absence for first semester. ‡Time shared with Department of Home Economics.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major.

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Chemistry 332—Physiological Chemistry.—Second semester. Lecture and recitation, two hours; laboratory, four hours a week. Credit, three hours. Prerequisite, Chemistry 232 and one semester's work in Physiology.

Chemistry 433—Qualitative Organic Analysis.—*First semester*. Conference, one hour a week; laboratory, six hours a week. Credit, three hours. Prerequisite, eighteen semester hours in Chemistry. A reading knowledge of German is also needed.

For Graduates

The following courses are intended primarily for graduate students majoring in Nutrition; seniors desiring to elect these courses must secure the consent of the director of the department and the instructor in charge: **Chemistry 532**—Seminar, Physiological Chemistry.—First semester. Credit, three hours. Prerequisite, Chemistry 332. (In case credit in Chemistry 332 has not been earned within three years of the time of enrollment in this seminar, a laboratory problem or such other work as may seem desirable may be required at the discretion of the instructor in addition to the regular work of the seminar.)

Chemistry 531—Experimental Methods.—*First semester*. One lecture and six hours of laboratory work. Credit, three hours. This is a course in analytical methods particularly adapted to the needs of graduate students majoring in Nutrition.

DEPARTMENT OF ECONOMICS AND GOVERNMENT

CORNELIUS D. JUDD, Ph. D., Director ELSIE S. JENISON, Ph. D.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major.

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Government 331—American State and Local Government.—*First* semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Government 231-232 or six hours of History.

Government 332—Political Parties.—Second semester, alternate years with Government 333. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Government 231-232 or six hours of History.

Government 333—Foreign Relations.—Second semester, alternate years with Government 332. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Government 231-232 or six hours of History.

Economics 333—Public Finance.—First semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Economics 331-332 or sophomore standing.

Economics 334—Public Finance, Continued.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Economics 331-332 or sophomore standing.

Government 431-Comparative Government.-First semester.

Lecture and recitation, three hours a week. Credit, three hours for each semester. Prerequisite, junior standing.

Economics 431—Economic History of the United States.—*First* semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Economics 331-332 or six hours of History.

Economics 432—Transportation and Trusts.—Second semester. Alternate years, with Economics 433. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Economics 331-332 or six hours of History.

Economics 433—Labor Problems.—Second semester. Alternate years with Economics 432. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Economics 331-332 or six hours of History.

DEPARTMENT OF MATHEMATICS

E. V. WHITE, M. A., Director W. M. HUGHES, M. A. MABEL RUTH OLDHAM, M. A.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major.

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Mathematics 332—Calculus.—Second semester. Lecture and recitation, three hours a week. Credit, three hours for each semester. Prerequisite, Mathematics 231.

Mathematics 333—Projective Geometery.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, twelve hours of college mathematics.

Mathematics 334—Solid Analytic Geometry.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Mathematics 231.

Mathematics 432—Advanced Calculus.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Mathematics 332.

Astronomy 331—Mathematical Astronomy.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Mathematics 332. Credit given for advanced mathematics.

DEPARTMENT OF PHYSICS

CHARLES N. ADKISSON, M. A., Director LORAINE DECHERT, M. A.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major.

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Physics 433-434—Sound, Light and Electricity.—First and second semesters. Lecture and recitation, two hours a week. Laboratory, three hours a week. Credit, three hours for each semester. Prerequisite, two years of college physics.

Physics 435-436—Theories and Applications of Modern Physics.— First and second semesters. Lecture and recitation, three hours a week for each semester. Prerequisite, Mathematics 331-332 and three years of college physics.

This course is a survey of the field of general physics. A study is made of the transfer and transformation of energy in its various forms. Emphasis will be given to electromagnetic waves, ionization, photo-electric effects and the behavior of electrons in vacuum tubes.

DEPARTMENT OF SOCIOLOGY

JESSIE H. HUMPHRIES, M. A., Director MATTIE LLOYD WOOTEN, M. A.

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor. NOTE: Appropriate combinations of courses selected from the following list may be counted for a graduate minor but not for a graduate major.

The Major Professor and the Graduate Committee must approve registration in these courses if they are to be counted toward a master's degree.

Sociology 335—The Community: Rural Problems.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology 231-232.

This course is concerned with the study of rural life and its institutions. Special attention will be given to the rural mind and the movements of rural populations.

Sociology 336—The Community: Urban Problems.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology 231-232.

The ecological factors determining the location and growth of cities will be emphasized in this course. The course will include city planning; cultural, religious, æsthetic, and recreational interests; health and safety interests; and social adjustment.

Sociology 431—Social Progress.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology 231-232.

Sociology 432—Social Control.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology 231-232.

Sociology 437—The Family.—*First semester*. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology, twelve hours, including Sociology 231-232.

The natural history of the family; an intensive study of the family as a fundamental social group; the family as a social and educational institution; and the problems facing the modern family will be included in the course.

Sociology 438—Social Case Work.—Second semester. Lecture and recitation, three hours a week. Credit, three hours. Prerequisite, Sociology, twelve hours, including Sociology 231-232.

The technique of Social Case Work with application of scientific principles. This includes methods of investigation, interviewing, analysis of evidence, and social diagnosis and treatment.

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Sociology 439—Honors Course.
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DEPARTMENT OF PHYSICAL AND HEALTH EDUCATION

ELIZABETH FRENCH FURBER, M. A., Director Mary Agnes Murphy, M. A.
Hazel A. Richardson, M. A.
Florence Louise Hupprich, M. A.
Marion Rowland Roberts, M. A.
Alma V. Jones, M. A.
Bonnie Cotteral, B. S.
Sara Craddock

The following courses require junior or senior standing; graduate students may secure graduate credit for these courses by doing work of exceptional quality and meeting the requirements of additional work imposed by the instructor.

NOTE: Appropriate combinations of courses selected from the following lists may be counted for a graduate minor but not for a graduate major. A minor in Physical Education will be approved only if the major subject is Education.

Physical Education 321—Play and Playgrounds.—First semester. Lecture, recitation, and reports, two hours a week. Credit, two hours.

Physical Education 322—Principles of Physical Education.—Second semester. Lecture, recitation, and reports, two hours a week. Credit, two hours. Prerequisite, Physical Education 321.

Physical Education 323—Health Supervision and Physical Examination.—*First semester*. Lecture and recitation, two hours a week. Credit, two hours. Prerequisites, Physiology 131-132, Physical Education 233-234.

Physical Education 324—Principles of Health Education.—Second semester. Lecture, recitation, and reports, two hours a week. Credit, two hours. Prerequisites, Education 131-132.

Physical Education 341—Individual Gymnastics.—First semester. Lecture and recitation, three hours a week; laboratory, three hours a week. Credit, four hours. Prerequisite, Physical Education 233-234.

Physical Education 422—History and Philosophy of the Dance.— Second semester. Lectures, reports, discussions, two hours a week. Credit, two hours. Prerequisite, Education 131-132.

Physical Education 423—Administration of Health Work in Schools.—*First semester*. Lectures and discussions, two hours a week. Credit, two hours.

Physical Education 424—Community Health and Hygiene.—Second semester. Lectures, recitations, reports, two hours a week. Credit, two hours.

Physical Education 425-Pro-seminar in Physical Education and

in Health Education.—First and second semesters. Credit, two hours. Prerequisite, senior standing.

Physical Education 435—Pro-seminar in Physical Education and Health 'Education.—First and second semesters. Credit, three hours. Prerequisite, senior standing.

LIBRARY

The Library of the Texas State College for Women is housed in a separate building planned for library purposes, and costing about one hundred and fifty thousand dollars. It is designed to be as far as possible a library for special study. There are at present on its shelves about 40,000 bound volumes. Of special interest is the collection of Texas material which is increasing rapidly and already contains much of rare value. Special provision for caring for this collection is to be made in order that it may be carefully preserved and yet made accessible to advanced students. As rapidly as possible complete files of those journals which are needed for advanced study and research are being added. This year the library secured a file of the Edinburgh Review, including the first one hundred volumes, covering dates from October, 1807, to October, 1854. Also, one hundred and forty-four volumes of the Annual Register (English) were secured, covering dates from 1758 through 1900 inclusive.

The library is open on all week days except Saturday from 7:45 a. m. to 10:00 p. m. On Saturday, the closing hour is 4:30 p. m.

The sum of nine thousand, five hundred dollars is expended yearly for books and magazines. This is approximately five dollars per student. This money is expended under the direction of the several directors of collegiate departments and of the Library Committee.

The library is now a Designated Depository Library and as such is entitled to receive all the publications of the National Government. These publications for the most part are now being received and are being arranged in a manner that will make them easily accessible for the use of advanced students.

In conjunction with the regular library work, the library staff offers professional training in Library Science leading to a bachelor's degree.

Some two hundred and twenty-five publications and reviews in the English and foreign languages are received by the library as follows:

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Library

General and Miscellaneous Periodicals

American Home. American Library Association Institutional Membership. American Library Association Booklist. American Library Association Booklist, cop. 2. American Magazine. American Review of Reviews. Asia. Athletic Journal. Atlantic Bookshelf. Atlantic Monthly. Auk. Bible Champion. Bibliotheca Sacra Book Club of Texas. Book Review Digest. Book Review Digest, cop. 2. Bookman. Books. British Journal of Photography. Bulletin of Bibliography. Bulletin of Photography. Camera. Century. Christian Herald. Congressional Digest. Country Life. Cumulative Book Index. Drama. Emerson Quarterly. Etude. Fortnightly Review. Harper's Bazaar. Harper's Magazine. Holland's Magazine. House and Garden. House Beautiful. L'Illustration. International Index. Journal of Expression. Junior Home, Little Folks, Libraries. Library Journal. Literary Digest. Living Age. London Weekly Times. London Times. Educational Supplement. London Times, Literary Supplement. Melliand.

Mentor. Mercure De France. Mind and Body. Missionary Review of the World. Musical America. Musical Courier. Musical Quarterly. Nation. National Geographic. Nature. Nature Magazine. New England Quarterly. New Republic. News System. New York Times Index. Newark, N. J. Public Library. The Library Nineteenth Century. North American Review. Open Shelf. Outlook. Personnel Journal. Publishers' Weekly. Publishers' Weekly (Copy 2). Quarterly Journal of Speech (Education.) Readers' Guide to Periodical Literature. Reference Shelf. Revue De Deux Mondes. Round Table. Sales Management. Saturday Review of Literature. Saturday Review of Literature. (Copy 2), Scribner's. Singing. Southwestern Review. Sportswoman. Subscription Books Bulletin. Subscription Books Bulletin (Copy 2). Sunday School Times. Texas Monthly. Theatre Arts Monthly. Theatre Magazine. Time Magazine. Travel Magazine. Virginia Quarterly Review. Vogue. Wisconsin Library Bulletin. Woman Journal. World's Work. Writer's Digest.

Newspapers

Representative newspapers from the larger cities of the United States are regularly received. The London Times and La Prensa have also appeared on the subscription list for some time.

Art and Archæology

American Ceramic Society. American Magazine of Art. Architectural Record. Art and Archæology. Arts. Arts and Decoration. Good Furniture. Industrial Arts Index. Industrial Arts Magazine. International Studio. School Arts Magazine.

Economics and Politics

American Labor Legislation Review. American Political Science Review. Annals of American Academy of Political and Social Science. Boletin De Union Pan Americana. Commercial and Financial Chronicle. Foreign Affairs. Foreign Policy Association. Harvard Law Review. Journal of Business. Journal of Political Economy. League of Nations. Bulletin for Scientific Relations. League of Nations. La Co-operation Intellectuell. League of Nations. Monthly Summary. League of Nations. Global subscription of publications. Nation's Business. Quarterly Journal of Economics. U. S. Monthly Labor Review. Yale Review.

Social Economy and Social Research

American Childhood. American City. American Journal of Public Health. American Journal of Sociology. Family. Journal of Juvenile Research. Mental Hygiene.

Playground. Social Forces. Social Science. Social Science Abstracts. Social Service Review. Sociological Review. Sociological Review. Sociology and Social Research. Survey.

Education

American Educational Digest (Changed to School Executive's Magazine).
American Physical Education Review.
American School Board Journal.
Childhood Education.
Childhood Education.
Childhood Education.
Educational Administration and Supervision.
Education Index.
Educational Record.
Elementary School Journal.
Journal of Educational Methods.

Journal of Educational Psychology. Journal of Educational Research. Kindergarten Primary Magazine. Monatsschrift Fur Hohere Schulen. Music Supervisor's Service Bulletin. National Education Association Journal. Progressive Education. Revue Internationale De 'Enseignement. School and Society. School Life. School Life. School Review. Feachers College Record.

History

American Historical Review. Current History. Historical Outlook. Journal of Modern History. Mississippi Valley Historical Review. Southwestern Historical Quarterly.

Philology and Literature

American Literature. Classical Journal. English Journal (College Section). English Journal (High School Section). Hispania. Modern Language Journal. Modern Language Notes. Modern Philology. Poet-Lore. Poetry. Revista De Filologia Espanole. Revue Hispanique. Romantic Review.

Philosophy and Psychology

American Journal of Psychology. Journal of Comparative Psychology. Journal of Experimental Psychology. Psychological Review.

Library

Science and Mathematics, and Home Economics

American Chemical Society Journal. American Forestry Association. American Forests and Forest Life. Annalen Der Chemie. Biological Abstracts. Botanical Gazette. Chemical Gazette. Chemical and Metallurgical Engineering. Chemical News (English). Chemical News (English). Chemical Society Journal. Ecology. Economic Geography. Faraday Society. Transactions. Human Biology. Hygeia. Industrial and Engineering Chemistry. Johns Hopkins Hospital. Bulletin. Journal of American Medical Association. Journal of Bacteriology. Journal of Biological Chemistry. Journal of Chemical Education. Journal of Chemical Education. Journal of Infectious Diseases. Journal of Infectious Diseases. Journal of Mammalogy. Journal of Mammalogy. Journal of Mammalogy. Journal of Muntition. Journal of Nutrition. Journal of Mammalogy. Journal of Mammalogy. School Science and Mathematics. Scientific American. Scientific Monthly. Stain Technology. Zeitschrift Fur Den Physikalischen Und Chemischen Unterricht.

TEXAS STATE COLLEGE FOR WOMEN COLLEGE OF INDUSTRIAL ARTS DENTON, TEXAS

(To be filled out by applicant and forwarded to the Registrar.)

APPLICATION FOR ADMISSION TO THE GRADUATE SCHOOL FOR THE YEAR 1930-1931

Name			
	Last name of applicant	Other names.	Do not use initials
P. O. Add	ress		
Degrees h	neld, from	Name of Colleg	
date grant	ted		
College w	ork done since receiving o	legree:	
Name of	College or University		
	Dates_	<i>.</i>	
	ject desired for Master's cted from the following fields English, History, S		
Minor sul	bjects (1st choice)		<u></u>
	choice)		najor subject and of
Dated			
	Signed		

NOTE: Graduates of other institutions must furnish the Registrar with a transcript of all college work done. Graduates of this College must furnish the Registrar with a transcript of all work done at other institutions since receiving their degrees. This information must be received before the application can be finally passed upon.