PREFATORY NOTE

This is a supplement to the General Catalog for 1952-53, copies of which are available for reference in the offices of the Registrar, the Deans, the Heads of Departments, and in the Library.

Principles and policies, regulations, curricula, and courses as set forth in the catalog for 1952-53 continue in full effect with the following exceptions:

1. Fees for 1953-54 are those set forth in this bulletin.

2. The requirements for graduation with an undergraduate degree as outlined in this bulletin take precedence over the comparable ones heretofore obtaining.

3. A student who as a part of the last thirty semester hours of work that he offers toward graduation enrolls for a course of freshman rank that falls in the field of his major or his minor or for any other course of freshman rank required of him for graduation will receive only two-thirds credit for such a course.

4. In order to guarantee to the student that he will upon graduation have as few gaps in his educational backgrounds as possible, all electives open to him must be chosen with the consent of his major departmental adviser working in cooperation with the Dean of the College.

5. The standard amount of credit work per week for an individual student for any one semester in the regular semester is fifteen semester hours, exclusive of a required course in physical education activities.

The permissive maximum load for which any student not on probation may enroll in any one semester of the regular session is seventeen hours exclusive of a required course in physical education activities, provided (a) that the schedule exhibits not more than five courses exclusive of the course in such activities, or (b) that the sixth course exclusive of the course in activities is a one-semester hour course.

Note: Effective with the regular session 1953-54, the requirement for graduation with a bachelor's degree is 128 semester hours. A student's load must, therefore, average sixteen hours per semester.

No student may enroll for more than seventeen hours exclusive of a required course in physical education activities except with special permission of the Dean of the College or the appropriate member of the Registration Committee.
6. The following courses listed in the catalog for 1952-53 have been discontinued:

Air Science 121, 122, 221, 222; Business Administration 77; Education 361, 362, 379; English 83, 87; Government 119; Mathematics 21; Physical Education 244; Vocational Agriculture 77, 135, 204, 216, 220.

7. The following courses listed in this bulletin are new:

Education 118, 154, 226, 306, 324, 354; History 321; Home Economics 265; Humanities 101; Music 13; Physical Education 254, 257, 290; Reading 13, 15, 101 (described below); Speech 18; Vocational Agriculture 83, 145, 313, 333, 345, 367; Agricultural Education 320, 330, 365, 399.

Note: Effective with the regular session, 1953-54, Agricultural Education may be offered as a major toward the master's degree.

8. Effective with the regular session 1953-54, the regulations governing car registration will be those that will be found posted on the official bulletin board.

READING

Assistant Professor Shepherd

13. Reading I. Credit, 1 hour. To aid not only freshmen but all students who lack sound reading and study habits as evidenced by scores on diagnostic tests. The objectives include a recognition and understanding of and the development of desirable patterns of reading and work habits. Instruction will develop the following skills: word recognition, vocabulary development, comprehension, concentration, and rapid reading.

15. Reading II. Credit, 1 hour. For students of freshman and sophomore rank who, though not adjudged deficient in reading and study habits, desire to read faster and more efficiently. This course will offer systematic training in building word power, and in learning the skills necessary for fast reading with good comprehension. Training in comprehension, for example, will cover finding main ideas, locating important details, drawing conclusions, and making inferences.

101. Reading III. Credit, 1 hour. This course is designed for students of junior, senior, and graduate rank who wish to increase their ability to read competently. Instruction will be similar to that in Reading 15, but will involve the use of more difficult materials adjusted to the maturity of the individuals. The objective will be not only the development of needed skills, but the application of these skills to all types of reading, including critical reading.

Note: The courses in Reading are taught under the auspices of
the Personnel Division. They are designed to provide opportunity for a program of retraining in reading. Needed skills will be developed through the use of a variety of printed materials and the use of mechanical instruments. The program will be guided by the specific needs of the participating students as indicated by diagnostic tests. Progress will be evaluated upon completion of the courses by comparable tests. Each course will require a minimum of thirty-six hours of laboratory work plus occasional outside reading assignments.

A student may offer toward graduation credit earned in any one or two or in all three of these courses.
SOUTHWEST TEXAS STATE TEACHERS COLLEGE

COLLEGE CALENDAR, 1953-54

REGULAR SESSION

1953

September 12, Saturday, 9:00 a.m.: Faculty Convocation.
September 14-16, Monday-Wednesday: Freshman Orientation and Registration.
September 16, Wednesday: College Entrance Examinations.
September 17, Thursday: Registration of all other students.
November 7, Saturday: Alumni Meeting and Homecoming.
November 11, Wednesday: Armistice Day.
November 12, Thursday: Mid-semester grades due.
November 26-28, Thursday-Saturday: Thanksgiving Holidays.
December 19, Saturday: Last day of work before Christmas.

1954

January 4, Monday: Classes resume.
January 20-23, Wednesday-Saturday: Examinations for the first semester.
January 26, Tuesday: Registration for the second semester.
March 3, Wednesday: Last day for filing applications for degrees to be conferred on May 23.
March 26, Friday: Mid-semester grades due.
April 15, Thursday: 10:00 a.m.: Easter Cantata.
April 16-19, Friday-Monday: Easter Holidays.
May 23, Sunday, 10:30 a.m.: Baccalaureate Sermon.
2:30 p.m.: Graduating Exercises.
May 21-25, Friday-Tuesday: Examinations for the second semester.
June 2, Wednesday: Registration for first half summer session.
June 3, Thursday: Classes begin.
June 12, Saturday: Last day for filing applications for degrees. to be conferred on August 20.
July 10, Saturday: First half session closes.
July 13, Tuesday: Second half session opens.
August 20, Friday, 7:30 p.m.: Baccalaureate Service and Graduating Exercises. Second half session closes.

REGULAR SESSION, 1954-55

September 14, Tuesday: First semester opens.
FEES AND EXPENSES

Estimated expenses for students attending Southwest Texas State Teachers College, exclusive of such variable items as clothing, railroad fare, etc., are tabulated below.

Fees

<table>
<thead>
<tr>
<th></th>
<th>Per Semester (18 wks.)</th>
<th>Per Year (36 wks.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration (Tuition)</td>
<td>$25.00</td>
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<tr>
<td>Building Use Fees, $8.50</td>
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<tr>
<td>Student Service Fee, $9.00</td>
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<td>35.00</td>
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<td></td>
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<td></td>
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<tr>
<td>Total</td>
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<td>$85.00</td>
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<tr>
<td>Textbooks and Supplies</td>
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<tr>
<td>(approximate cost)</td>
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<td></td>
</tr>
<tr>
<td>Trust Fund Deposit</td>
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<td>2.00</td>
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<tr>
<td>(Refundable)</td>
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</table>

Room and Board*

<table>
<thead>
<tr>
<th></th>
<th>Per Installment (4 per semester)</th>
<th>Per Semester (18 wks.)</th>
<th>Per Year (36 wks.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sallie Ward Beretta Hall (Women)</td>
<td>$55.50</td>
<td>222.00</td>
<td>444.00</td>
</tr>
<tr>
<td>Freshman Hall (Women)</td>
<td>55.50</td>
<td>222.00</td>
<td>444.00</td>
</tr>
<tr>
<td>Commons Hall (Women)</td>
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<td>Sayers Hall (Women)</td>
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<tr>
<td>Harris Hall (Men)</td>
<td>55.00</td>
<td>220.00</td>
<td>440.00</td>
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<tr>
<td>New Cooperative House (Women)</td>
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<td>176.00</td>
<td>352.00</td>
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<tr>
<td>Other Cooperative Houses (Women)</td>
<td>38.00</td>
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<tr>
<td>Other Residence Halls (Men)</td>
<td>51.00</td>
<td>204.00</td>
<td>408.00</td>
</tr>
</tbody>
</table>

*Room and board are computed on the semester basis and may be paid by the semester or in four equal installments, as follows: For the fall semester, the first payment to be on the date of registering for the fall semester, and the other three payments on or before October 15, November 15, and December 15. For the spring semester the first payment to be made on the date of registering for the spring semester and the other three payments to be made on or before February 20, March 20 and April 20.

Students not residing in College dormitories may secure board at the College Dining Hall at the rate of $152.00 per semester, payable in four installments in accordance with the schedule indicated above, or they may purchase single meals from the College Dining Hall and pay for each meal at that time.

Any student who withdraws officially from the college or who is granted permission to live off of the campus may receive a refund for the unexpired portion of his meal ticket. The refund will be computed from the date the approved withdrawal card, the meal ticket, and the student's room and board receipt are presented in the business office.
Room rental payments which have been made to cover the installment period in which the student withdraws will not be refunded; furthermore, any student who seeks to withdraw while he is delinquent in his room and board payments must first pay these delinquent fees.

Because of changing food prices the College reserves the right to increase or decrease the prices listed in this catalog.

Married veterans may secure one, two and three-bedroom apartments at the Riverside Homes from $25.00 to $40.00 per month, which includes all utilities.

The fee of $42.50 payable at the beginning of each semester includes the statutory tuition fee of $25.00; the building use fees of $8.50; and the student service optional fee of $9.00 which entitles the student to admission to auditorium and athletic attractions, subscription to the "College Star", use of Sewell Park facilities, and partial purchase of "Pedagog". This student service fee also helps provide funds for the Student Senate, Band, Glee Club, Dramatics, Debate, and other student activities.

The physician and nurses are available for consultation, and direct the medical services of the College. The student service fee also provides for hospitalization in the College Infirmary for a period of twelve days (or, in emergency cases, to a maximum of five days in the Hays County Memorial Hospital if recommended by the College physician and approved by the Coordinator of Health and Physical Education). The college cannot assume responsibility for hospitalization, outside its own infirmary, of students due to accidents occurring in activities which are not sponsored or sanctioned by this institution.

Registration and Tuition Fee for Non-Residents: Pursuant to provisions of House Bill 507 enacted by the 50th Legislature of Texas registration and tuition fees for students who are not residents of Texas have been established as follows:

1. For each semester $75.00, or $150.00 for a school year of nine months.
2. For the summer session of twelve weeks the fee shall be $50.00.

The Trust Fund Deposit is payable only once during the regular session, namely, the first time the student registers and is returnable at the close of the semester or year, provided all Laboratory and Reference Library records are clear and no damage to College property has been charged to the student.

Student service and building use fees will not be refunded; however, any student withdrawing officially, and submitting a withdrawal card and registration receipt to the business office, during the first two weeks after the regular registration date is entitled to a refund of 80 per cent of his tuition; during the third week, 60 per cent; during the fourth week, 40 per cent; during the fifth week, 20 per cent; and thereafter, no refund.
In the summer session any student withdrawing officially, and submitting a withdrawal card and registration receipt to the business office, during the first week after registration day will receive a refund of fifty per cent of his tuition only. A student who withdraws after the first week will not be entitled to a refund.

R.O.T.C.—Each Air Force R.O.T.C. student is required to make an R.O.T.C. property deposit of $10.00. This deposit, less charges, will be refunded to the student at the end of the college year.

A fee of $7.00 payable at the time of the first registration of each Long Session will be charged Air Force R.O.T.C. students, to help cover the cost of issuing, receiving and record-keeping of Government uniforms to such students.

FEES DEPENDENT ON SPECIAL COURSES

Music Fees for additional private instruction:

Piano, voice or orchestral instruments:

Two (one-half hour) lessons per week __ $35.00 per semester
One (one-half hour) lesson per week ___ 18.00 per semester

Instrument Rental ________________ 1.00 per semester

Biology Fee __________________________ 1.00 per semester

Chemistry Fee (not including breakage) ______ 1.00 per semester

Home Economics Fee ________________ 1.00 per semester

Industrial Arts Fee (See course description) ______

Art Fee ____________________________ 2.50 per semester

Air Science __________________________ 7.00 per long session

Typewriter Rental ____________________ 1.00 per semester

Certificate (payable when applying for certificate) 1.00

Diploma Fee (payable when applying for degree) ___ 3.00

Diploma Fee (payable when applying for 2-year diploma) ___________________________ 1.50

The College store, known as the Lair, is a service center on the campus for student and faculty where textbooks and school supplies are sold. A coffee bar and soda fountain makes this a popular meeting place. All prices are maintained at the lowest level consistent with business practice.
STATE BOARD OF TEACHERS COLLEGE REGENTS
MEMBERS
1953-54
Charles P. McGaha, President ----------------------- Wichita Falls
John C. Calhoun, Vice-President ----------------------- Corsicana
H. L. Mills ---------------------------------------- Houston
W. L. Kerr ---------------------------------------- Midland
Miss Emma Mae Brotze -------------------------------- Marshall
N. S. Harrell --------------------------------------- Claude
Jack Woodward ------------------------------------- Dallas
W. H. Frank Barnes -------------------------------- Terrell
Frank E. White ------------------------------------- Cleveland
Claude Isbell, Secretary ---------------------------------- Austin

OFFICERS OF ADMINISTRATION

GENERAL OFFICERS
1953-54
JOHN GARLAND FLOWERS, Ph. D. ----------------------- President
ALFRED HENRY NOLLE, Ph. D. ---------------------- Dean of the College
EDWARD ORLANDO WILEY, Ph. D. ---- Director of Teacher Training
CLAUDE ELLIOTT, Ph. D. ---------------------- Dean of Graduate Studies
J. LLOYD READ, Ph. D. ------------------ Registrar
PATRICK HENRY NORWOOD, Ph. D. ---- Director of Public Service
JEROME C. CATES, M. B. A. ---- Business Manager
MILDRED BUNCE SAYRE, Ed. D. ------- Director of Personnel
HENRY ELI SPECK, A. M. ---------------------- Dean of Men
MARTIN O. JUEL, A. M.------------------Coordinator of Health and Physical Education
ERNEST BRYAN JACKSON, A. M. ---------------------- Librarian
MAURICE D. HEATLEY, M. D. ---------------------- College Physician
WILLIAM L. MOORE, M. D. ---------------------- Assistant College Physician
JOHN WILLIAM HALL ---------------------- Director of Maintenance
KITTY I. McLAUGHLIN, M. A. ---------------------- Dietitian

INSTRUCTIONAL CHAIRMEN
1953-54
TOLLIE RAYMOND BUIE, M. S. ---------------------- Agriculture
VERNA L. DECKERT, A. M. ---------------------- Art
WILLIAM ELMORE NORRIS, JR., Ph. D. ---------------------- Biology
ALVIN W. MUSGRAVE, Ed. D. ---------------------- Business Administration
CARROLL L. KEY, Ph. D. ---------------------- Chemistry
EDWARD ORLANDO WILEY, Ph. D. ---------------------- Education
LEONARD N. WRIGHT, Ph. D. ---------------------- English
ALFRED HENRY NOLLE, Ph. D. ---------------------- German
ONAH JACKS, Ed. D. ---------------------- Home Economics
VICTOR L. BOWERS, Ph. D. ---------------------- Industrial Arts
SOUTHWEST TEXAS STATE TEACHERS COLLEGE

DON CUDE, A. M. (Acting) -------------------------------- Mathematic
ROBERT A. TAMPKE, Ph. D. ------------------------------------------ Music
MARTIN O. JUEL, A. M. -------------------------------- Health and Physical Education
OSCAR W. STRAHAN, A. M. ----------- Director of Physical Education for Men
JEAN AMELIA SMITH, Ph. D. -------- Director of Physical Education for Women

RUFUS R. RUSH, A. M. --------------------------------------------- Physics
JAMES TAYLOR, Ph. D. --------------------------------------------- Social Science
J. LLOYD READ, Ph. D. --------------------------------------------- Spanish
ELTON ABERNATHY, Ph. D. ------------------------------------------- Speech

ADMISSION AND GRADUATION REQUIREMENTS

Admission by Graduation from High School. Graduates of high school who present fifteen units affiliated by the Texas Education Agency may be admitted to the Freshman class upon presentation of a transcript of work signed by proper authority. The fifteen units must include:

- English, 3.
- Mathematics, 2 (including at least one unit in Algebra).
- Social Science, 2, including at least one unit in History.
- Elective sufficient to make 15.

High school students presenting the full fifteen or more admission units, but not including one or two of the seven units prescribed above may be admitted conditionally, the conditions to be absolved by the close of the Freshman year, provided that those enrolling with less than two units of credit in mathematics will be expected (a) to evidence competency in mathematics equivalent to the above entrance requirement to be demonstrated by tests on techniques and information in the subject or (b) to offer in partial fulfillment of the requirements for graduation under the respective curriculum under which they enroll credit earned in Mathematics 11 absolved in the first or second semester of the freshman year.

Admission by Examination. Applicants for college admission who do not present credentials from accredited high schools may absolve the requirements by examination. The subjects in which the applicant wishes to be examined may be selected from the current bulletin of the Texas Education Agency.

Admission Upon Individual Approval. Applicants over twenty-one years of age may be admitted by special permission of the Registrar provided they present evidence of sufficient ability and determination to pursue college work. Students so admitted may satisfy their college entrance requirements by the completion of at least thirty semester hours of college work, of which six must be in English, six in the social sciences, and either six hours in a physical science, or six hours in mathematics, and provided they make an average grade of "C" or above on the thirty hours of work completed.
Credits from Other Institutions. Credit to be allowed for work done in any college or university is determined by the Registrar of the College upon the basis of a transcript of such work signed by the proper authority, provided that the student must file separately or have included in the transcript a copy of his high school record also.

CURRICULUM FOR ELEMENTARY TEACHERS LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

Freshman year: Orientation 13; Speech 13; English 11, 12; History 11, 12; Art 13; Music 11; Physical Education Activities, two semester hours; other subjects to make a total of 32 semester hours for the year.

Sophomore year: Education 53, 67; English 63, 64; History 61, 62; Biology 57; Physical Education Activities, two semester hours; two subjects including, preferably, Government 61 to make a total of 32 semester hours for the year.

Junior year: Education 123, 147 (preferably before 123); English 135; General Science 111, 112; Physical Education 112; other subjects, including Government 61, if not previously absolved, and minors, to make a total of at least 30 semester hours for the year.

Senior year: Education, 12 semester hours of advanced work dealing with the elementary field including Education 281, 282, 227; other subjects, including minors, to make the total of 128 semester hours required for graduation.

During the junior and senior years students will be expected to complete a total of 64 semester hours of work, provided that of the 128 required for graduation 48 hours must be advanced. They will, moreover, be expected to offer in partial fulfillment of the requirements for graduation two concentrations or minors selected normally from the following teaching fields made up of the subjects respectively indicated; provided (a) that one of the concentrations should be in the field of Art or Health and Physical Education or Social Science, and (b) that with special approval the secondary concentration may be a modification of one of those listed (as instanced in the case of Music) or may be in a field not listed, e.g., Agriculture or Home Economics or a combination of Science and Mathematics.

I. Art—Art 13, 15, 53 or 73, 63, 123, and at least one advanced course additional.

II. English—English 11, 12, 63, 64, 117, 135, and at least one advanced course additional.

III. Health and Physical Education (For Women): Physical Education 43, 98 (in the Sophomore year); 112, 115 (in the Junior year); 57, 123, 137; Physical Education Activities 1, 2, 4, 6, 9. Health and Physical Education (For Men): Physical Education 41, 42, 57, 111, 112, 115, 123, 153; Physical Educational Activities, four semester hours.
IV. Library Science—113, 117, 123, 127.

V. Music

A. Vocal (as a first concentration): Music 1, 2; 11, 12; Music Education 107; 143 or 163; 273 or 3 hours of class instruction in orchestral instruments; Voice 1, 3, 5, 7; Piano 1, 3; appropriate ensemble to total 4 hours.

Vocal (as a second concentration): Music 1, 2; 11; Music Education 57; Voice 1, 3; Piano 1, 3; Ensemble, 2 semester hours.

B. Instrumental: Music 1, 2; 11, 12; Music Education 107; 143 or 163; 153 or 3 hours of class instruction in orchestral instruments; Piano 1, 3, 5, 7; 2 hours of class or private instruction in orchestral instruments; appropriate ensemble to total 4 hours.

Note: Equivalent credit in private lessons in voice or piano may in any one of the concentrations be substituted for the respective class lessons indicated.

VI. Science—18 semester hours, including Biology 57 and General Science 111, 112. Permissive inclusion: Mathematics 11 and 200.

VII. Social Science—History 11, 12, 61, 62; Sociology 67; Geography 13; Government 61, 62; and (a) two courses in history selected, preferably from History 111, 112, 121, 143, or (b) 6 semester hours of advanced work in Geography.

VIII. Spanish—Spanish 13, 15, 71, 72, and 6 semester hours of advanced work additional.

IX. Speech

A. Normal Concentration: Speech 13 (unless excused), 15, 18, 137, 157, 258, 287.

B. Auditorium or Elementary Speech Teacher: Speech 13 (unless excused), 15, 18, 110, 137, 157, 213, 285, 287.

C. Speech Correction: Speech 13 (unless excused), 15, 57 or 285, 119, 125, 157, 243, 245, 287 or 289.

Art 123, Geography 13 and 57, Industrial Arts 159, Mathematics 200, Music 57, Physical Education 115 and Sociology 67 are recommended as elective courses. Other elective courses must be chosen with the consent of the proper adviser.

Completion of the course of study as outlined leads to a permanent elementary certificate valid in grades one to seven inclusive.

CURRICULUM FOR HIGH SCHOOL TEACHERS LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

Freshman year: Orientation 13; Speech 13, English 11, 12; History 11, 12; Physical Education Activities, two semester hours; other subjects (including, preferably, biology, chemistry or physics, 6 or 8 hours) to make a total of 32 semester hours for the year.
Sophomore year: Education 53, 67; English 61, 62, or 63, 64, or 67, 68; Government 61, 62; Physical Education Activities, two semester hours; other subjects (including, unless previously absolved, biology or physics or chemistry, 6 or 8 hours) to make a total of 32 semester hours for the year.

Junior year: Education 163, 157; other subjects (including teaching major and minor) to make a total of at least 30 semester hours for the year.

Senior year: Education, 12 semester hours of advanced work including Education 291, 292, 229; other subjects including teaching major and minor to make the total of 128 semester hours required for graduation.

The courses making up the teaching major must be selected from any one of the following fields: art, biology, business administration, chemistry, English, German, journalism, mathematics, music, physical education, physics, social science, Spanish, speech.

The courses making up the teaching minor may be selected from any one of the fields authorized for a teaching major or in agriculture or home economics or industrial arts.

Of the sixty-four semester hours of work that the student will be expected to complete during the junior and senior years as a part of the 128 hours required for graduation forty hours must be advanced.

Completion of the course of study as outlined leads to a permanent high school certificate.

GENERAL CURRICULA LEADING TO THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Freshman year: Orientation 13, Speech 13, English 11, 12; History 11, 12; Physical Education Activities, two semester hours; other subjects, to make a total of at least 32 semester hours for the year.

The student will be expected under this curriculum to absolve the following courses of freshman and sophomore rank in addition to those in Orientation, Speech, English, History, and Physical Education Activities indicated: Mathematics, 3 semester hours; Biology 11, 12 (or 61, 62 if preceded by Chemistry 11, 12); Chemistry 11, 12 or Physics 11, 12; Government 61, 62; and (a) for the degree of Bachelor of Arts, 14 semester hours in one foreign language represented by courses 13 (or two high school units in the language), 15, 71, 72; or (b) for the degree of Bachelor of Science, 8 semester hours in foreign language represented specifically by French 13, 15; or German 13, 15; and other subjects to make a total of at least 32 semester hours a year. Ordinarily, these courses should be absolved as a part of the work of the freshman and sophomore years, but for reason a student may postpone one of the required courses in science and Government 61, 62 until the junior year.
Sophomore year: English 61, 62 or 63, 64, or 68; Mathematics (unless previously absolved), 3 semester hours; Physical Education Activities, two semester hours; other subjects, including Biology 11, 12 or 61, 62 or Chemistry 11, 12 or Physics 11, 12, to make a total of at least 32 semester hours for the year.

Junior year: Major, minors, and other subjects including Biology 11, 12 or 61, 62 (unless previously absolved); Chemistry 11, 12 or Physics 11, 12 (unless previously absolved); Government 61, 62 (unless previously absolved); other subjects, to make a total of at least 32 semester hours for the year.

Senior year: Major, minors, and electives, to make the total of 128 semester hours required for graduation.

Majors and Minors. The courses making up the academic major offered in partial fulfillment of the requirements for the degree of Bachelor of Arts may be selected from any one of the following subjects provided that if the student intends to qualify for a certificate to teach the major must be a teaching major and the first minor a teaching minor: Art, Business Administration, Economics, English, Geography, German, Government, History, Journalism, Mathematics, Music, Physical Education, Sociology, Spanish, Speech. The courses making up the academic major offered in partial fulfillment of the requirements for the degree of Bachelor of Science must be selected from one of the following subjects provided that if the student intends to qualify for a certificate to teach the major must be a teaching major and the first minor a teaching minor: Biology, Chemistry, Physics.

The courses making up an academic minor may, in the instance of either degree, be selected from any one of the subjects authorized for a major or in Industrial Arts or Library Science.

Of the sixty-four semester hours of work that the student will be expected to complete during the junior and senior years as a part of the 128 hours required for graduation, forty hours must be advanced.

CURRICULA LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

There are two curricula leading to the degree of Bachelor of Science in Home Economics, namely:

(1) The vocational homemaking teacher education curriculum prescribed for those who wish to qualify to teach vocational homemaking in Texas high schools.

(2) The general homemaking curriculum designed for both men and women who wish definite training in all phases of preparation for homemaking.

Satisfactory completion of the course of study outlined under Vocational Teacher Education curriculum leads to a legal special permanent certificate in home economics, a permanent high school certificate, and
to a vocational home economics certificate of approval issued by the Texas Education Agency (commonly though erroneously referred to as "The Smith-Hughes Certificate").

Completion of the course of study outlined under General Homemaking Curriculum leads to the Bachelor of Science Degree in Home Economics, but does not qualify the graduate to teach at any grade level.

A. Vocational Teacher Education Curriculum

Freshman year: Orientation 13, English 11, 12; Home Economics 11, 12, 21, 22; Chemistry 13; Biology 13; Art 13 or Speech 13; Physical Education Activities: two semester hours.

Sophomore year: Education 53, 67; English 61, 62, or 63, 64, or 67, 68; Chemistry 77; Biology 63; Home Economics 63, 67; Sociology 67 or Economics 67; Art 13 (unless previously absolved); Speech 13 (unless previously absolved); Physical Educational Activities: two semester hours.

Junior year: Education 157, Home Economics Education 143, Home Economics 103, 123, 137; Sociology 67 (unless previously absolved); Economics 67 (unless previously absolved); History 51, 52; Government 61; elective: three semester hours.

Senior year: Home Economics Education 193, 291, 292; Education 229; Home Economics 113, 132, 133; Industrial Arts 115; electives to complete the total of 128 semester hours required for graduation.

Advanced courses must total forty semester hours.

B. General Homemaking Curriculum

Freshman year: Orientation 13, English 11, 12; Home Economics 11, 12, 21, 22; Chemistry 13; Biology 13; Art 13 or Speech 13; Physical Education Activities: two semester hours.

Sophomore year: Education 53, English 61, 62, or 63, 64, or 67, 68; Chemistry 77; Biology 63; Home Economics 63, 67; Art 13 (unless previously absolved); Speech 13 (unless previously absolved); Physical Education Activities: 2 semester hours; and either (a) History 51, 52, or (b) Sociology 67 or Economics 67 and an elective to complete a total of thirty-four semester hours.

Junior year: Home Economics 123, 132, 137; other subjects: Twenty-one semester hours including (a) History 51, 52, Sociology 67, Economics 67 (unless previously absolved); and (b) preferably, Government 61.

Senior year: Home Economics: nine semester hours of advanced work, Industrial Arts 115, other subjects, including Government 61 (unless previously absolved), to make the total of 128 semester hours required for graduation.

Advanced courses must total forty semester hours.
Note: The electives open to students enrolled under this curriculum must be used in part to absolve the requirement of a minor, e.g., English 11, 12; 61, 62 or 63, 64, or 67, 68; 117; 135; and one 3-semester hour advanced course additional; or Social Science, twenty-four semester hours, including History 51, 52; Government 61, 62; Sociology 67; Economics 67; plus six semester hours of advanced work in history or in sociology; or Art, at least eighteen semester hours inclusive of six semester hours of advanced work; or Science, at least eighteen semester hours inclusive of six semester hours of advanced work.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Freshman year: Orientation 13; Speech 13; English 11, 12; History 11, 12; Industrial Arts 13, 17, 21, 33; Physical Education Activities, two semester hours; additional work, preferably Mathematics 11, to make a total of at least 32 semester hours for the year.

Sophomore year: Education 53, 67; English 61, 62 or 63, 64, or 67, 68; Government 61, 62; Industrial Arts 15, 65, 75, 79; Physical Education Activities, two semester hours; other subjects including biology or chemistry or physics, 6 or 8 semester hours, to make a total of at least 32 semester hours for the year.

Junior year: Education 157, 163; Industrial Arts, 12 semester hours including 87, 113, 117; other subjects including, preferably a teaching minor, to make a total of at least 30 semester hours for the year.

Senior year: Education, 12 semester hours of advanced work dealing with the secondary field including Education 291, 292, 229; Industrial Arts 6 semester hours including Industrial Arts 127; other subjects including, preferably, a teaching minor, to make the total of 128 semester hours required for graduation.

All of the unspecified courses in Industrial Arts required in the Junior and Senior years must be advanced in character and be elected in conference with director of the department. Recommended science: Physics 11, 12. Recommended electives: Art 13 and course in Ceramics and Crafts.

Of the sixty-four semester hours of work that the student will be expected to complete during the junior and senior years as a part of the 128 hours required for graduation forty hours must be advanced.

Completion of the course of study as outlined leads to a permanent high school certificate.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN VOCATIONAL AGRICULTURE

Students wishing to major in vocational agriculture should absolve in the sequence indicated the subject matter included in the course of study outlined below provided that those not qualifying to teach voca-
tional agriculture will be expected to substitute elective courses for those in education and in agricultural education that would otherwise be required of them.

Freshman year: Orientation 13; Speech 13; English 11, 12; Chemistry 11, 12; Agriculture 13, 33, 45; Mathematics 11; Physical Education Activities, 2 hours.

Sophomore year: History 61, 62; English 67; Biology 11, 12; Agriculture 61 or 75, 67, 73, 77 or 79, 83; Physical Education Activities, 2 hours.

Junior year: Education 53; Government 61; Biology 113; 115; Agriculture 125, 126, 129, 145, 154; Agricultural Education 105.

Senior year: Agriculture 117, 151; Agriculture, elective, 6 semester hours; Agriculture Education 202, 211, 212, 291, 292; Education 229; Free electives to make the total of 128 hours required for graduation.

Twenty-four hours of the work in Vocational Agriculture must be advanced.

If Air Science is elected by the student, he may enroll in Air Science instead of Speech 13 and Mathematics 11 in the freshman year, provided these courses are absolved in the sophomore year. Likewise, if the student elects Air Science in the sophomore year, he may absolve History 61 and 62 in his junior year. It would be highly desirable that the student who elects Air Science plan to attend summer school some if he plans to complete both the complete vocational agriculture program and the Air Science program in four years. If the student electing Air Science is unable to attend summer school, it may be necessary that he take his degree without the vocational agriculture teaching certificate if he must finish in four years.

All of the elective courses in agriculture provided for in the curriculum must be chosen with the advice and consent of the head of the department of vocational agriculture. Moreover, because of the presence of such electives in the curriculum, all students making a major of vocational agriculture must with the assistance of a counselor from the vocational agriculture staff and approval of the Dean of the College have an outline of requirements for graduation made for them by the close of the sophomore year.

CURRICULA FOR THE DEGREE OF BACHELOR OF MUSIC EDUCATION

A. Curriculum for Teachers of Vocal Music

Freshman year: Orientation 13; Speech 13, English 11, 12; Music 1, 2; Music 11, 12; Voice (or Piano) 11, 12; Piano (or Voice) 1, 3; Strings 1, 3; Ensemble 1, 3; Physical Educational Activities, two semester hours.
Sophomore year: History 51, 52; Government 61, 62; Music 61, 62; Music 63, 64; Applied Music (Primary) 61, 62; Applied Music (Secondary) 5, 7; Ensemble 5, 7; Physical Educational Activities, two semester hours.

Junior year: Education 53, 157 or 163; Music Education 107, 143; Music 131, 132; Musc 137, 139; Applied Music (Primary) 111a, 111b; Applied Music (Secondary) 9, 11; Chamber Music 113, 115; Ensemble 9, 11; other subjects to make a total of at least 30 semester hours for the year.

Senior year: Education 157 (unless previously absolved), 163 (unless previously absolved), 291; Music Education 127, 163, 273 and 271 or 275; Music 133, 157; Applied Music (Primary) 112a, 112b; Woodwinds or Brass 1, 3; Percussion 1, 3; Ensemble 13, 15; other subjects to make the total of 128 hours required for graduation.

Of the 128 hours of work required for graduation, 40 hours must be advanced.

On completion of the course as outlined the student will be entitled to a Permanent Special School Music Certificate (entitling the holder thereof to teach Vocal Music in all of the grades of the public schools), and the degree of Bachelor of Music Education.

B. Curriculum for Teachers of Instrumental Music

Freshman year: Orientation 13; Speech 13; English 11, 12; Music 1, 2; Music 11, 12; Applied Music (Primary) 11, 2; Piano 1, 3; Strings 1, 3; Ensemble 1, 3; Physical Educational Activities, two semester hours.

Sophomore year: Education 53; History 51, 52; Government 61, 62; Music 61, 62; Music 63, 64; Applied Music (Primary) 61, 62; Piano 5, 7; Brass 1, 3; Ensemble 5, 7; Physical Activities, two semester hours.

Junior year: Education 157 or 163; Music Education 107 and 143 or 163; Music 131, 132; Music 137, 139; Applied Music (Primary) 111a, 111b; Woodwinds 1, 3; Chamber Music 113, 115; Ensemble 9, 11; Government 61, 62.

Senior year: Education 157 (unless previously absolved), 163 (unless previously absolved), 291; Music Education 117, 153, 277; Music 133, 157; Applied Music (Primary) 112a, 112b; Percussion 1, 3; Voice 1, 3; Ensemble 13, 15; other subjects to make the total of 128 semester hours required for graduation.

Note: It is assumed that the primary field in Applied Music in the foregoing curriculum is an orchestral instrument. If Piano is elected as the primary field the secondary field in Applied Music must be an orchestral instrument, replacing Piano 1, 3, 5, 7 above, and may be begun in Brass or Woodwinds or Strings 1, 3 to be continued as courses S1 or S2 in the field of Applied Music thus represented.

Of the 128 hours of work required for graduation, 40 hours must be advanced.
On completion of the course of study as outlined the student will be entitled to a Permanent Special Public School Music Certificate (entitling the holder thereof to teach Instrumental Music in all of the grades of the public school), and the degree of Bachelor of Music Education.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

Freshman year: Orientation 13, Speech 13, English 11, 12; History 11, 12; Business Administration 23 or 25; and two courses selected from 19, 27, 31, 32, 43, 57; Physical Education Activities, two semester hours; other subjects, to make a total of at least 32 semester hours for the year.

Sophomore year: Education 53, English 61, 62 or 63, 64 or 67, 68; Mathematics 18, 19; Biology or Chemistry or Physics, 6 or 8 semester hours; Business Administration 61, 62, and unless previously absolved, 27 or 57; Physical Education Activities, two semester hours; other subjects, to make a total of at least 32 hours for the year.

Junior year: Economics 67, 73; Business Administration, 12 semester hours of advanced work including Business Administration 161, 162; Government 61, 62; other subjects, to make a total of at least 32 semester hours for the year.

Senior year: Business Administration, 12 semester hours of advanced work and any additional courses needed to make a total of at least 42 hours of work in the subject; other subjects, to make the total of 128 semester hours required for graduation.

The student is expected to choose advanced Business Administration courses with the advice and approval of the Head of the Department of Business Administration.

Of the sixty-four semester hours of work that the student will be expected to complete during the junior and senior years as a part of the 128 hours required for graduation, forty hours must be advanced.

PRE-PROFESSIONAL CURRICULA

Students intending to prepare themselves for the study of medicine, law, dentistry, or nursing should enroll under the general curricula leading to the degree of Bachelor of Arts or Bachelor of Science with inclusion of courses as prescribed by specially appointed advisers conversant with their special pre-professional needs.

TWO-YEAR CURRICULA IN GENERAL EDUCATION

The College offers a two-year curriculum in general education designed to serve the needs of men and women who are not candidates for the Bachelor's degree, but who are interested in securing training for vocational competency. Completion of the course of study totaling sixty-four semester hours of work, leads to an appropriate diploma.
First year: Orientation 13; Speech 13; English 11, 12; History 11, 12; other subjects including a concentration (described below) and preferably a 6 or 8 hour course in Science to make a total of 32 semester hours for the year.

Second year: Art 7 3 or Music 6 7; Physical Education Activities, two semester hours; other subjects, including the required concentration and a 6 or 8 hour course in Science unless previously absolved to make a total of 32 semester hours for the year.

The concentration must include eighteen semester hours of work in one field of subject matter or at least twelve semester hours in each of two such fields selected from the following, provided that the amount of work included in a concentration in the field of business administration may total twenty-four semester hours:

- Art
- Agriculture
- Biology
- Business Administration*
- Chemistry
- English, Journalism, or Speech
- German
- Health and Physical Education
- Home Economics
- Industrial Arts
- Mathematics
- Music
- Physics
- Social Science: Economics and Geography, Economics and Sociology, Government and History, History
- Spanish

*A concentration in the field of business administration should include:

(a) for training in secretarial science, Business Administration 23, 31, 32, 57, 67;
(b) for training in bookkeeping and office management, Business Administration 19, 23, 27, 61, 62;
(c) for training in stenography and bookkeeping, Business Administration 19, 23, 27, 31, 32, 57;
(d) as cognate electives, Mathematics 18, 19; Economics 67, 73.

CURRICULA LEADING TO THE MASTER'S DEGREE

The College offers the degrees of Master of Arts and Master of Education.

The program of work leading to these degrees is designed to stress particularly advanced training for administration, supervision, and more effective classroom teaching, and to that end provides for majors in the following fields of subject matter: Agricultural Education, Business Administration, Education, English, Health and Physical Education, Home Economics, Industrial Arts, Music, the Sciences, and the Social Sciences.

Requirements for admission to the Graduate School and for graduation with the Master's Degree are set forth in a special bulletin which will be sent upon request.
DIVISIONS OF INSTITUTION

I. Education and Directed Teaching

II. English, Journalism, and Speech

III. Fine Arts
   1. Art
   2. Music

IV. Foreign Languages
   1. French
   2. German
   3. Spanish

V. Health and Physical Education and Recreation

VI. Practical Arts
   1. Business Administration
   2. Home Economics
   3. Industrial Arts
   4. Library Science

VII. Sciences
   1. Biology
   2. Chemistry
   3. General Science
   4. Mathematics
   5. Physics
   6. Vocational Agriculture

VIII. Social Sciences
   1. History
   2. Economics
   3. Geography
   4. Government
   5. Sociology

IX. Religious Instruction

X. Air Science (Air Force Reserve Officer Training Corps)

The courses offered in each of these Divisions are listed in the following pages: those that are described in the catalog for 1952-53, usually by title only; those that are new, with description also.

Note: Orientation 13 (Freshman Orientation) and Reading 13, 15, 101 are taught under the auspices of the Personnel Division.
I. DIVISION OF EDUCATION AND DIRECTED TEACHING

Professors Wiley, Votaw, Rogers, Burgum, Norwood, Williams
Associate Professors Wilson, Bruce, Yarbrough, McCanne, Sayre, Allen
Assistant Professor Shepherd
Instructor Walton

Students who intend at the time of graduation to become applicants for certificates to teach should complete the requirements outlined under the curriculum for elementary teachers or the curriculum for high school teachers, or under one of the several specialized curricula calling for a teaching major in Home Economics, Industrial Arts, Vocational Agriculture, or Music.

Approval of candidacy for admission to any course in Education in advance of Education 53 and Education 67 and again to admission to Directed Teaching shall, however, be granted only to those who show evidence of potential professional competence in the following areas:
1. Scholarship.
2. Character.
3. Personality.
4. Physical and Mental Health.
5. Intelligence.
6. Definite intention to teach.

GENERAL COURSES IN EDUCATION

53. Educational Psychology. (3-0). Credit, 3 hours.
67. Introduction to the Study of Education. (3-0). Credit, 3 hours.

COURSES IN ELEMENTARY EDUCATION

110. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.
115. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours.
123. Methods and Observation in the Elementary School. (3-2). Credit, 3 hours.
138. Administration of the Evaluative Criteria for Elementary Schools. (3-0). Credit, 3 hours.
147. Child Growth and Development. (3-0). Credit, 3 hours.

Course Numbers. Courses numbered 1 to 49 are intended primarily for Freshmen; 50 to 99, for Sophomores; 100 to 199, for Juniors; 200 to 299, for Seniors. Courses numbered 200-299 marked by a star may be taken at the graduate level provided the requirement of twenty-four semester hours in the field is met by the student and provided that he does work in addition to that required of other students in the class. Those numbered 300 and above are for Graduates only. Courses represented by two numbers in series (e.g., History 11, 12) must be completed in their entirety before any part thereof may be accepted for credit toward a degree, unless the description of the course specifically makes exception to the contrary.

The credit value a course carries is designated after the title of the course. Parenthetically inserted designations, e.g., (3-4), indicate the number of lecture and laboratory hours per week, respectively, that attend the course.
226. Camping Education. Credit, 3 hours. A camping education course for elementary teachers. A three-weeks intensive course, all of which time will be spent at the college camp. For public school camping.

227. Seminar in Elementary Education. (3-0). Credit, 3 hours.

281, 281S, 282, 283, 284. Directed Teaching. (1-6). Credit, 3 hours each.

310. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.

315. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours.

333. Advanced Seminar in Elementary Education. (3-0). Credit, 3 hours.

338. Administration of the Evaluative Criteria for Elementary Schools. (3-0). Credit, 3 hours.

365. Supervision of the Elementary School. (3-0). Credit, 3 hours.


COURSES IN SECONDARY EDUCATION

111. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.


139. Administration of the Evaluative Criteria for Secondary Schools. (3-0). Credit, 3 hours.

157. Psychology of Adolescence. (3-0). Credit, 3 hours.

163. Method and Observation in the High School. (3-2). Credit, 3 hours.

229. Seminar in Secondary Education. (3-0). Credit, 3 hours.

*257. Supervision of the Secondary School. (3-0). Credit, 3 hours.

291, 291S, 292, 293, 294. Directed Teaching. (1-6). Credit, 3 hours each.

311. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.

316. Guidance and Pupil Adjustment in the Secondary School. (3-0). Credit, 3 hours.


343. Advanced Seminar in Secondary Education. (3-0). Credit, 3 hours.

COURSES IN ADMINISTRATION

110. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.

111. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.

118. Driver Education. Credit, 1 hour. This class will meet eight hours a day for five days. One half of the time will be spent in class and one half in "behind-the-wheel" training.
138. Administration of the Evaluative Criteria for Elementary Schools. (3-0). Credit, 3 hours.
139. Administration of the Evaluative Criteria for Secondary Schools. (3-0). Credit, 3 hours.
170. Special Methods and Materials for Exceptional Children in the Elementary School. (3-0). Credit, 3 hours.
210. Safety Education. (3-0). Credit, 3 hours.
213. Measurements in Education. (3-0). Credit, 3 hours.
217. Pupil Personnel Problems and Guidance. (3-0). Credit, 3 hours.
219. School-Community Relations. (3-0). Credit, 3 hours.
223. School Finance and School Plant Facilities. (3-0). Credit, 3 hours.
253. The Secondary Curriculum. (3-0). Credit, 3 hours.
257. Public School Administration. (3-0). Credit, 3 hours.
276. Counseling Techniques for Personnel Workers. (3-0). Credit, 3 hours.
278. The Organization and Administration of a Guidance Program. (3-0). Credit, 3 hours.
289. The Music Program in the Public School: Its Administration and Supervision. (3-0). Credit, 3 hours.
310. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.
311. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.
317. Supervision of Instruction. (3-0). Credit, 3 hours.
333. Advanced Seminar in Elementary Education. (3-0). Credit, 3 hours.
338. Administration of the Evaluative Criteria for Elementary Schools. (3-0). Credit, 3 hours.
343. Seminar in Secondary Education. (3-0). Credit, 3 hours.
346. Group and Individual Testing. (3-0). Credit, 3 hours.
355. The Elementary School Curriculum. (3-0). Credit, 3 hours.
365. Supervision of the Elementary School. (3-0). Credit, 3 hours.
370. Special Methods and Materials for Exceptional Children in the Elementary School. (3-0). Credit, 3 hours.
399. Thesis. Credit, 6 hours.

COURSES IN METHODS

123. Methods and Observation in the Elementary School. (3-2). Credit, 3 hours.
163. Methods and Observation in the High School. (3-2). Credit, 3 hours.
200. The Improvement of Reading Instruction. (3-0). Credit, 3 hours.
*227. Seminar in Elementary Education. (3-0). Credit, 3 hours.
229. Seminar in Secondary Education. (3-0). Credit, 3 hours.
230. Workshop in Curriculum and Methods for Mentally Retarded. (3-0). Credit, 3 hours.
273. Audio-Visual Education. (3-0). Credit, 3 hours.
280. Sight Conservation Problems. (3-0). Credit, 3 hours.
281, 281S, 282, 283, 284. Directed Teaching. (1-6). Credit, 3 hours each.
291, 291S, 292, 293, 294. Directed Teaching. (1-6). Credit, 3 hours each.
315. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours.
316. Guidance and Pupil Adjustment in the Secondary School. (3-0). Credit, 3 hours.
399. Thesis. Credit, 6 hours.

COURSES IN SPECIAL EDUCATION

120. The Education of Exceptional Children. (3-0). Credit, 3 hours.
140. Workshop for Elementary Teachers in the Education of the Physically Handicapped. (3-0). Credit, 3 hours.
170. Special Methods and Materials for Exceptional Children in the Elementary School. (3-0). Credit, 3 hours.
230. Workshop in Curriculum and Methods for the Mentally Retarded. (3-0). Credit, 3 hours.
250. Psychological Testing of Exceptional Children. (3-0). Credit, 3 hours.
*260. Mental Hygiene. (3-0). Credit, 3 hours.
280. Sight Conservation Problems. (3-0). Credit, 3 hours.
284. Directed Teaching in Special Education (Elementary). (1-6). Credit, 3 hours.
294. Directed Teaching in Special Education (Secondary). (1-6). Credit, 3 hours.
330. Institutional Organization. (3-0). Credit, 3 hours.
340. Workshop for Elementary Teachers in the Education of the Physically Handicapped. (3-0). Credit, 3 hours.
370. Special Methods and Materials for Exceptional Children in the Elementary School. (3-0). Credit, 3 hours.

WORKSHOPS

110. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.
In the summer session, offered as a workshop.
111. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.
In the summer session, offered as a workshop.

115. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours.


140. Workshop for Elementary Teachers in the Education of Physically Handicapped. Credit, 3 hours.

154. Workshop for Teachers of Young Children. Credit, 3 hours. See Education 354 for description of this course.

230. Workshop in Curriculum and Methods for the Mentally Retarded. Credit, 3 hours.

306. Workshop for Principals of Elementary Schools. Credit, 3 hours. This workshop will deal with administrative problems common to principals of elementary schools, such as selection of staff, orientation of staff, staff meetings, curriculum development, public relations, and program of in-service education.

310. Child Study Laboratory for the Elementary School. (3-0). Credit, 3 hours.

331. Child Study Laboratory for the Secondary School. (3-0). Credit, 3 hours.

315. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours.

316. Guidance and Pupil Adjustment in the Secondary School. (3-0). Credit, 3 hours.

321, 322. Workshop in Corrective Reading for Elementary Teachers. Credit, 3 hours each.

324. Workshop in Corrective Reading for Secondary Teachers. Credit, 3 hours. This will be a three-weeks workshop in corrective reading for secondary teachers. Here teachers and administrators will become familiar with latest developments in reading. Activities will consist of lectures, demonstration teaching, discussion groups, laboratory practice, and special lectures. A well-equipped laboratory will provide the opportunity to become acquainted with visual screening devices such as the Telebinocular, with the Tachistoscope for increasing span of perception, with the Rate Accelerator for improving speed and comprehension. The latest in film strips and movies will be available.

340. Workshop for Elementary Teachers in the Education of the Physically Handicapped. Credit, 3 hours.
354. Workshop for Teachers of Young Children. Credit, 3 hours. This workshop is designed to provide teachers of nursery schools, kindergartens, and primary grades with directed laboratory experiences in working with young children. Activities will consist of class discussions, group or individual projects, and observation in the laboratory school. Consideration will be given to the development of curriculum and methods in working with children three through eight years of age.
II. DIVISION OF ENGLISH, JOURNALISM, AND SPEECH

ENGLISH

Professors Wright, Derrick, Snellings, Houston
Associate Professors Taylor, Lueders
Assistant Professors O'Meara, Hightower, Mallory

Students planning to graduate with the degree of Bachelor of Science in Education with a major in English will be expected to absolve the subject matter included in the following course of study in the sequence indicated.

Freshman year: Orientation 13, Speech 13, English 11, 12; History 11, 12; Foreign Language, 6 hours; other subjects, preferably Science, 6 hours; Physical Education Activities, 2 hours.

Sophomore year: Education 53, 67; English 61, 62; Government 61, 62 or History 71, 72; Foreign Language, 6 hours; other subjects (Science, if not previously absolved). 6 hours; Physical Education Activities, 2 hours.

Junior-Senior years: English, 18 hours of advanced work, including English 117 and 145 and 6 hours selected from each of the following groups: (1) 123, 127, 143, 241, and (2) 133, 137, 157, 216, 233, 238; Education, 18 hours of advanced work in the secondary field, including 157, 163, 291, 292, 229; Journalism 127; Library Science 123 or 127; other subjects, sufficient to make the total of 128 hours of work required for graduation, including Foreign Language (if needed to absolve in full the language requirement described below) and Government 61, 62 and History 71, 72, unless these courses have been previously absolved.

Students must offer 14 hours in one Foreign Language; provided that this requirement may be met by courses 13 (or two entrance units in the language) and 15 and 71, 72.

Students planning to graduate with the degree of Bachelor of Arts with a major in English will, in addition to meeting the foregoing requirements for graduation, be expected to absolve also the course in Mathematics and the second science required for that degree, provided that if they are not applicants for a certificate to teach, they may omit the courses in education otherwise required.

A minor in English under the curriculum for high school teachers will consist of English 11, 12, 61, 62, 117, 145, and at least one advanced course in literature; under the curriculum for elementary teachers, English 11, 12, 63, 64, 117, 135, and at least one advanced course in literature.

11. Reading and Writing. (3-0). Credit, 3 hours.

12. Writing. (3-0). Credit, 3 hours.

61. Survey of English Literature from Beowulf to the Eighteenth Century. (3-0). Credit, 3 hours.
62. Survey of English Literature from the Eighteenth Century to the Present. (3-0). Credit, 3 hours.
63. World Literature. (3-0). Credit, 3 hours.
64. World Literature. (3-0). Credit, 3 hours.
67. Masterpieces in English Literature. (3-0). Credit, 3 hours.
68. Masterpieces in American Literature. (3-0). Credit, 3 hours.
113. Advanced Composition. (3-0). Credit, 3 hours.
117. English Grammar. (3-0). Credit, 3 hours.
119. Elementary Semantics. (3-0). Credit, 3 hours.
123. British and American Poetry Since 1900. (3-0). Credit, 3 hours.
125. A Laboratory in Writing. (3-0). Credit, 3 hours.
127. Early American Literature. (3-0). Credit, 3 hours.
129. Later American Literature. (3-0). Credit, 3 hours.
133. Shakespeare. (3-0). Credit, 3 hours.
135. Reading Materials in the Elementary Grades. (3-0). Credit, 3 hours.
137. The Romantic Poets. (3-0). Credit, 3 hours.
143. Types of World Drama in English (Modern). (3-0). Credit, 3 hours.
145. Reading Materials in the Junior and Senior High School. (3-0). Credit, 3 hours.
147. The English Novel. (3-0). Credit, 3 hours.
149. The American Novel. (3-0). Credit, 3 hours.
157. Significant Victorian Literature. (3-0). Credit, 3 hours.
163. English Literature of the Eighteenth Century. (3-0). Credit, 3 hours.
216. Chaucer and His Time. (3-0). Credit, 3 hours.
233. Shakespeare and His Age. (3-0). Credit, 3 hours.
241. Modern Biography and the Essay. (3-0). Credit, 3 hours.
310. Whitman. (3-0). Credit, 3 hours.
313. Mark Twain. (3-0). Credit, 3 hours.
314. Contemporary Novel. (3-0). Credit, 3 hours.
317. Studies in Elizabethan Drama. (3-0). Credit, 3 hours.
318. Byron. (3-0). Credit, 3 hours.
319. Victorian Novel. (3-0). Credit, 3 hours.
321. Tennyson. (3-0). Credit, 3 hours.
322. Browning. (3-0). Credit, 3 hours.
399. Thesis. Credit, 6 hours.

Note: The following course in the philosophical backgrounds of the humanities, a reading and discussion course, will be offered effective with the regular session 1953-54 under the joint auspices of the English, Social Science, and the Modern Language staffs.

Humanities 101. Philosophical Backgrounds of the Humanities. (3-0). Credit, 3 hours. A survey of the chief philosophical concepts which underlie religion, literature, art, history, and the sciences. Particular stress will be given to those ideas which the student can use in forming a philosophy of his own in the present-day world.
To graduate with a major in Journalism a student will be expected to enroll under either the curriculum for high school teachers leading to the degree of Bachelor of Science in Education or the general curriculum leading to the degree of Bachelor of Arts with inclusion in the respective curriculum of the following courses in Journalism and certain of the other subjects specifically required distributed as indicated:

Freshman year: Journalism 13.
Sophomore year: Journalism 74, 83, 85.
Junior year: Journalism, 6 hours advanced; Economics 67; Sociology 67; English 117.
Senior year: Journalism, 6 hours advanced, including 217.

It is recommended that the minor be either Social Science or English, and that the student include Foreign Language in his program. All students intending to major in Journalism must have a working knowledge of typing before enrolling in Journalism 13 or must be enrolled in a typing course.

1. Introduction to Journalism. (Credit awarded for outstanding volunteer work on student publications). Credit, 1 hour each.
13. Reporting I. (3-2). Credit, 3 hours.
74. Reporting II. (3-2). Credit, 3 hours.
83. News Editing I. (3-2). Credit, 3 hours.
85. News Editing II. (3-2). Credit, 3 hours.
117. History of Journalism. (3-0). Credit, 3 hours.
123. Feature and Magazine Article Writing. (3-0). Credit, 3 hours.
125. A Laboratory in Writing (also English 125). (3-0). Credit, 3 hours.
127. The Supervision of Public School Publications. (3-0). Credit, 3 hours.
133. The Press and Contemporary Affairs. (3-0). Credit, 3 hours.
217. The Practicing Journalist. (3-0). Credit, 3 hours.
221. Workshop in Practical Public Relations. (3-0). Credit, 3 hours.

SPEECH

Professor Abernathy
Associate Professors Barton, Zedler
Instructor Bennett*

A major in Speech consists of Speech 13 (unless the student has been excused therefrom), 15, 18, 57, plus additional courses, at least twelve hours thereof advanced, to make a total of twenty-four to thirty

*On leave, 1953-54.
semester hours depending upon the student’s field of specialization. A
minor in the subject consists of Speech 13 (unless the student has
been excused therefrom), 15, 18, 57, plus additional courses, at least
six hours thereof advanced, to make a total of eighteen semester hours.
Courses not specifically identified for inclusion in major or minor
must be elected with the advice and consent of the head of the De­
partment of Speech, provided that students preparing to teach speech
will be expected to include among the courses constituting the major
or minor Speech 119 and 213.

13. **Fundamentals of Speech**. (3-0). Credit, 3 hours.
15. **Speaking and Reading**. (3-2). Credit, 3 hours.
18. **Introduction to Theatre Practice**. (3-2). Credit, 3 hours. An
introductory course in dramatics, required of all those who would teach
speech, and strongly advised for those who may later be called upon
to direct school plays or those who wish to acquire drama appreciation.
The course includes an introduction to play analysis, acting, stagecraft,
directing, and production.

57. **Phonetics**. (3-0). Credit, 3 hours.
67. **Public Discussion and Debate**. (3-0). Credit, 3 hours.
75. **Acting**. (3-4). Credit, 3 hours. This course is a study of
the principles involved in forming a workable theory of acting, and
the application of these principles through the development of technical
skill. Participation in college productions is a part of the course.

110. **(Formerly Speech 65) Stagecraft**. (3-2). Credit, 3 hours.
116. **(Formerly Speech 68) Advanced Debate and Fundamentals
of Logic**. (3-0). Credit, 3 hours. This course builds on the founda­
tions of sound reasoning in 67, with additional attention being given
to varied types of debate and to the principles of logical thinking. It
normally should follow 67.

119. **Speech Correction**. (3-0). Credit, 3 hours.
125. **Vocal Anatomy**. (3-0). Credit, 3 hours.
137. **Play Production**. (3-3). Credit, 3 hours.
143. **Types of World Drama in English (Modern)**. (3-0). Credit,
3 hours.
149. **Interpretative Reading**. (3-2). Credit, 3 hours.
157. **Creative Dramatics for Children**. (3-2). Credit, 3 hours. This
course is designed for the study of creative drama in the elementary
school, which has as its main objective total growth of the child. Op­
portunity for actual work with children in a creative dramatic situa­
tion will be given. Attention will also be given to Theatre for Children.
213. **Teaching of Speech**. (3-0). Credit, 3 hours.
223. **American Oratory**. (3-0). Credit, 3 hours.
233. **The Development of the Theater**. (3-0). Credit, 3 hours.
243. **Speech Clinic I**. (3-4). Credit, 3 hours.
245. **Speech Clinic II**. (3-4). Credit, 3 hours.
265. **Problems in Forensics**. (3-0). Credit, 3 hours.
275. **Problems in Dramatics**. (3-0). Credit, 3 hours.
Credit, 3 hours.
287. Speech Correction for the Classroom Teacher. (3-0). Credit, 3 hours.

289. Problems and Methods in Auditory Testing and Aural Rehabilitation. (3-0). Credit, 3 hours.
III. DIVISION OF FINE ARTS

ART

Associate Professors Deckert, Lazenby
Assistant Professor Suckle

To graduate with a major in Art Education a student will be expected to enroll under the Curriculum for High School Teachers leading to the degree of Bachelor of Science in Education or under the general curriculum leading to the degree of Bachelor of Arts with inclusion in the respective curriculum of the following courses in art, provided that candidates for the degree of Bachelor of Arts who are not candidates for a certificate to teach will substitute another course in art for Art 223 and may with special permission make other substitutions designed to give greater emphasis to either painting or crafts.

Freshman year: Art 13, 15, and 17.
Sophomore year: Art 53, 57, 63, and 73, provided that Government 61 and 62 may be postponed until the junior year.
Junior year: Art 127, 137 (or 129, 139), and 173 or 183.
Senior year: Art 117 and 223.

Students majoring in Art Education are encouraged to elect six hours from the following courses: Art 115, 123, 163, 170, 173 or 183. They may with special permission, enroll in Education 281 as the elective in education open to them under the curriculum for high school teachers, provided they have previously absolved Art 123 and Education 291, 292.

In addition to meeting the course requirements art education majors are expected to participate in department exhibits and other departmental activities.

13. Basic Course in Drawing and Design. (1-5). Credit, 3 hours.
15. Drawing and Painting. (1-5). Credit, 3 hours.
17. Survey of Arts. (3-0). Credit, 2 hours.
27. Ceramics I. (0-4). Credit, 2 hours.
37. Weaving I. (0-4). Credit, 2 hours.
53. Design I. (0-6). Credit, 3 hours.
57. Design II. (0-6). Credit, 3 hours.
63. Creative Crafts. (0-6). Credit, 3 hours.
73. History of Art I. (3-0). Credit, 2 or 3 hours. A survey of the art epochs from the earliest expressions of art to the period of Renaissance art.
115. Design and Color Related to the Home. (3-0). Credit 2 or 3 hours.
117. Oil Painting. (0-6). Credit, 3 hours.
123. Methods and Materials in Art for the Elementary Classrooms. (3-3). Credit, 3 hours.
127. Ceramics II. (0-6). Credit, 3 hours.
129. Ceramics III. (0-6). Credit, 3 hours.
137. Weaving II. (0-6). Credit, 3 hours.
139. Weaving III. (0-6). Credit, 3 hours.
163. **An Honor Course in Special Problems in Art or Crafts.** (0-6). Credit, 3 hours.

170. **Watercolor Painting.** (0-6). Credit, 3 hours.

173. **History of Art II.** (3-0). Credit, 3 hours. A study of the art epochs beginning with the Early Renaissance of 1400 to the Classicism of 1800, including the Colonial Art in America and the development of an American spirit in art.

Field Trips.
Offered in alternate even years.

183. **History of Art III.** (3-0). Credit, 3 hours. A study of the art epochs from 1800 to the present, including Romanticism, Realism, Impressionism and other contemporary movements. (Special emphasis is placed on art in the United States).

Field Trips.
Offered in alternate odd years.

217. **Painting.** (3-3). Credit, 3 hours.

223. **Methods and Materials in Art in Junior and Senior High Schools.** (3-0). Credit, 3 hours.

**MUSIC**

Professor Tampke
Associate Professors Buchanan, Bek, Bowles
Assistant Professors Callahan, Zimmerman

Students wishing to major in music education may do so under one of the curricula leading to the degree of Bachelor of Music Education, or under the curriculum leading to the degree of Bachelor of Science in Education or under the general curriculum leading to the degree of Bachelor of Arts.

A student wishing to specialize in public school music under one of the last two curricula indicated may qualify to teach vocal music in all of the grades in the public school by including in the respective curriculum the following courses in music distributed as indicated, provided that in the instance of the curriculum leading to the degree of Bachelor of Arts the student will be expected to incorporate the courses in Education required for a permanent high school certificate:

**Freshman year:** Music 1, 2; 11, 12; Voice 11, 12; Piano 1, 3; Ensemble 1, 3; and preferably Strings 1, 3.

**Sophomore year:** Music 61, 62, 63, 64; Voice 61, 62; Piano 5, 7; Ensemble 5, 7; Strings 1, 3 (unless previously absolved).

**Junior year:** Music 137, 139; Music Education 143 or 163.

**Senior year:** Music Education 107, 273; Brass or Woodwind. 1 semester hour as indicated by needs; Percussion 1.

Similarly, a student wishing to qualify to teach instrumental music in all of the grades in the public school may do so by including under the respective curriculum the following courses in music distributed as indicated:
Freshman year: Music 1, 2, 11, 12; Major Instrument, e.g., Violin 11, 12; Piano 1, 3; Ensemble 1, 3; and preferably Strings 1, 3.

Sophomore year: Music 61, 62, 63, 64; Major Instrument, e.g., Violin 61, 62; Piano 5, 7; Ensemble 5, 7; and Strings 1, 3 (unless previously absolved).

Junior year: Music 137, 139; Music Education 143 or 163, 153; Ensemble 9, 11.

Senior year: Music Education 107; Brass or Woodwinds one semester hour as indicated by needs; Percussion 1; Major Instrument, e.g., Violin (unless previously absolved).

Note: It is recommended that the student spread his required work in Voice, Piano, and Major Instrument over the four years into 11a, 11b, 12a, 12b, 61a, 61b, and 62a, 62b, so that he has longer exposure to his major instrument.

A student wishing to graduate with a major in piano, voice, violin, or other orchestral instrument with no intention of teaching music in the public schools may do so by enrolling under the general curriculum leading to the degree of Bachelor of Arts with inclusion therein of the following courses in music:

Freshman year: Music 1, 2, 11, 12; Voice or Major Instrument, e.g., Piano 11, 12, or 21, 22.

Sophomore year: Music 61, 62; Voice or Major Instrument, e.g., Piano 61, 62.

Junior year: Voice or Major Instrument, e.g., Piano 111c, 112c.

Senior year: Voice or Major Instrument, e.g., Piano 161c, 162c.

COURSES IN MUSIC (THEORY)

1, 2. Survey of Music Literature. (2-0). Credit, 1 hour each.
11, 12. Fundamentals of Music. (4-0). Credit, 4 hours each.
13. Elementary Theory. (3-0). Credit, 3 hours. An elementary course in the fundamentals of music; notation, rhythm, intervals, triads, scales, music reading, and diction. Emphasis will be placed upon the practical and appreciative.

Offered in the summer session only.
61, 62. Fundamentals of Music (continued). (3-0). Credit, 3 hours each.
63, 64. Advanced Sight Singing, Ear Training, and Dictation. (2-0). Credit, 2 hours each.
67. Music History and Appreciation. (3-0). Credit, 3 hours.
131, 132. Form Analysis. (2-0). Credit, 2 hours each.
133. Counterpoint. (3-0). Credit, 3 hours.
137, 139. The History of Music. (2-0). Credit, 2 hours each.
157. Instrumentation and Orchestration. (3-0). Credit, 3 hours.
235. Composition. (3-0). Credit, 3 hours.
249. Introduction to Musicology. (3-0). Credit, 3 hours.
COURSES IN MUSIC EDUCATION

57. Methods and Materials for the Elementary Grades. (3-0). Credit, 3 hours.

107. Fundamentals of Conducting. (2-0). Credit, 2 hours.

117. Instrumental Conducting. (2-0). Credit, 2 hours.

127. Choral Conducting. (2-0). Credit, 2 hours.

143. Music Methods and Materials in the Elementary Grades. (3-0). Credit, 3 hours.

153. Instrumental Organizations: Problems, Methods, and Techniques. (3-0). Credit, 3 hours.

163. Music Methods and Materials in the Junior and Senior High Schools. (3-0). Credit, 3 hours.

247. (Formerly 147). Advanced Conducting. (3-0). Credit, 3 hours.

271. The Teaching of Voice. (2-0). Credit, 2 hours.

273. (Formerly 173). Vocal Methods. (3-0). Credit, 3 hours.

275. The Teaching of Piano. (2-0). Credit, 2 hours.

277. The Teaching of Orchestral and Band Instruments. (2-0). Credit, 2 hours.

279. The Marching Band. (1-0). Credit, 1 hour.

*289. Supervision of the Public School Music Program. (3-0). Credit, 3 hours.

313, 317. Problems in Music Education. Credit, 2 or 3 hours each.

323. Tests and Measurements in Music Education. (3-0). Credit, 3 hours.

399. Thesis. Credit, 6 hours.
IV. DIVISION OF FOREIGN LANGUAGE

The first half of each of these courses, i.e., French 13, German 13, and Spanish 13, is planned for students who have had no previous instruction in the particular foreign language indicated by the course name. Students who present as many as two high-school units in a foreign language as college entrance credit will normally take the course numbered 15 as their first course in college if the language they choose to study is the same as the one in which their high-school credit was given. The course numbered 15 may be elected for independent credit but credit earned in the course numbered 13 becomes valid only upon completion of the course numbered 15 also.

FRENCH
Professor Read
Associate Professor Buckner
13, 15. Beginners' Course in French. (3-2). Credit, 4 hours each.
71, 72. Readings in Modern French Literature. (3-2). Credit, 3 hours each.
171, 172. French Literature in English Translation. (3-0). Credit, 3 hours each.

GERMAN
Professor Nolle
Associate Professor Lueders
13, 15. Beginners' Course in German. (3-2). Credit, 4 hours each.
71, 72. Masterpieces in Modern German Literature. (3-0). Credit, 3 hours each.
113. Outline Course in German Literature. (3-0). Credit, 3 hours.
117. Lessing, Goethe, Schiller. (3-0). Credit, 3 hours.
123. Modern German Lyric and Drama. (3-0). Credit, 3 hours.
127. Modern German Novel and Short Story. (3-0). Credit, 3 hours.
171, 172. German Literature in English Translation. (3-0). Credit, 3 hours each.

SPANISH
Professor Read
Associate Professors Buckner, Lueders
13, 15. Beginners' Course in Spanish. (3-2). Credit, 4 hours each.
71, 72. Conversational Spanish. (3-0). Credit, 3 hours each.
131, 132. Modern Spanish Novel. (3-0). Credit, 3 hours each.
141. Advanced Grammar and Composition. (3-0). Credit, 3 hours.
171, 172. Spanish Literature in English Translation. (3-0). Credit, 3 hours each.
213. Survey of Spanish Literature from its Beginning through the Eighteenth Century. (3-0). 3 hours.

*217. Modern Spanish Poetry and the Modernista Poets of Spanish America. (3-0). Credit, 3 hours.

223. Modern Drama of Spain. (3-0). Credit, 3 hours.

*227. The Spanish American Novel. (3-0). Credit, 3 hours.

251. Modern Spanish and Spanish American Essays. (3-0). Credit, 3 hours.

313. Studies and Problems in Spanish and Spanish-American Literature of the Nineteenth and Twentieth Centuries. (3-0). Credit, 3 hours.
V. DIVISION OF HEALTH AND PHYSICAL EDUCATION

Professors Strahan, Crosslin
Associate Professors Juel, Jowers, Smith
Assistant Professor Mellert*
Instructors Gensberg, McDonald, Rohr, Holloway

A course in physical education activities is required of all students enrolled in the college for the first four semesters of residence work. The following students may, however, at their discretion substitute credit earned in other courses for that which they would be expected normally to attain in physical education activities: (a) students twenty-three years of age or over at the time of their initial matriculation in the College, and (b) married women with children. These exemptions do not, however, apply to students who are making a major or minor in health and physical education, who will be expected to meet in full the requirements in physical education activities called for under the respective curriculum under which they are enrolled. Sophomore students may defer activities for the Summer Terms, provided all work is completed to date.

Curriculum for Women. Women wishing to major in health and physical education and recreation may do so by enrolling under either the Curriculum for High School Teachers leading to the degree of Bachelor of Science in Education or under the curriculum leading to the degree of Bachelor of Arts with the inclusion of the courses required to qualify for a permanent high school certificate, with inclusion under the respective curriculum of a teaching minor and the following courses in Physical Education and related fields and certain other required subjects distributed as indicated:

Freshman year: Chemistry 43, 47; Physical Education 43; Physical Education Activities 1, 2; and (preferably) Music 11.

Sophomore year: Biology 51, 52; Physical Education 98; Physical Education Activities 4, 6, provided that Government 61, 62 may be postponed until the junior year.

Junior year: Physical Education 112, 114, 115; Physical Education Activities 3 and 5 or 7 and 9.

Senior year: Physical Education 57, 58, 124, 163 or 183, 204; Physical Education Activities 8 and 10 or 12 and 13.

Women enrolled under the curriculum for high school teachers wishing to offer toward graduation a minor in Physical Education will be expected to absolve the following courses:

Physical Education 43, 57, 58, 98, 112, 114, 123, 124, 137; Physical Education Activities 1, 2, 4, 6.

Curriculum for Men. Men wishing to major in health and physical education and recreation may do so by enrolling under either the curriculum leading to the degree of Bachelor of Arts with inclusion of the

*On Leave, 1953-54.
courses required to qualify for a permanent school certificate or under the curriculum for high school teachers leading to the degree of Bachelor of Science in Education with inclusion of the following courses in Physical Education and related fields and certain other required subjects distributed as indicated:

Freshman year: Chemistry 43, 47; Physical Education 41, 42; Physical Education Activities 21, 22.

Sophomore year: Biology 51, 52; Physical Education 57 and 51 or 58; Physical Education Activities 21, 22, provided that Government 61, 62 may be postponed until the junior year.

Junior year: Physical Education 111, 113; Physical Education Activities (electives), two semester hours.

Senior year: Physical Education 117, 153 and (a) 101 (or 192 if eligible) and 102 or (b) 191 and 192; Physical Education Activities, two semester hours.

For a minor in health and physical education, men students will be expected to offer 41 or 42, 57, 101 or 191 or 192, 111, 113, 117, 153 and six activity courses.

1, 2. Freshman Orientation Course in Physical Education for Women. (0-3). Credit, 1 hour each.

3. Dual Sports for Women. (0-3). Credit, 1 hour.
4. Team Sports for Women. (0-3). Credit, 1 hour.
5. Special Activities for Secondary Physical Education. (0-3). Credit, 1 hour.
6. Swimming and Water Activities. (0-3). Credit, 1 hour.
7. Folk and National Dancing. (0-3). Credit, 1 hour.
8. Modern Dance. (0-3). Credit, 1 hour.
10. Modern Dance II. (0-3). Credit, 1 hour.
11. Recreational Games for Women. (0-3). Credit, 1 hour.
12. Golf. (0-3). Credit, 1 hour.
20. Therapeutic Activities. (0-3). Credit, 1 hour.
21. Required Activities for Men. (0-3). Credit, 1 hour.
22. Elective Activities for Men. (0-3). Credit, 1 hour.
41, 42. Teaching Physical Education Activities. (3-3). Credit, 3 hours each.

43. Team Sports. (3-0). Credit, 3 hours.
51. Sports Officiating for Men. (2-2). Credit, 2 hours.
57. Accident Prevention and First Aid. (2-1). Credit, 2 hours.
58. Water Front Activities. (3-1). Credit, 2 hours.
98. Individual and Dual Sports. (3-3). Credit, 3 hours.
101. Athletic Coaching. (3-3). Credit, 3 hours.
102. Instructors Course in Physical Education. (3-0). Credit, 3 hours.
111. Administration of Health Education. (3-0). Credit, 3 hours.
112. Personal and Community Health. (3-0). Credit, 3 hours.
113. Organization and Administration of Physical Education. (3-0). Credit, 3 hours.
114. Sports Officiating for Women. (3-3). Credit, 3 hours.
115. Content and Methods in Physical Education for Elementary Teachers. (3-3). Credit, 3 hours.
117. The Physiology of Exercise. (3-0). Credit, 3 hours.
123. Methods in Teaching of Rhythmic Activities for the Elementary Grades. (0-6). Credit, 3 hours.
137. Therapeutics I. (3-0). Credit, 3 hours.
147. Therapeutics II. (3-2). Credit, 3 hours.
153. Tests and Measurements in Health and Physical Education. (3-0). Credit, 3 hours.
163. Camp Leadership. (3-0). Credit, 3 hours.
175. The Workshop in Health Education for the Elementary School. (3-0). Credit, 3 hours.
183. Recreational Leadership. (3-2). Credit, 3 hours.
191. Football Coaching. (3-3). Credit, 3 hours.
192. Basketball and Track Coaching. (3-3). Credit, 3 hours.
203. The Administration of Athletics. (3-0). Credit, 3 hours.
204. The Administration of High School Activities for Girls. (3-0). Credit, 3 hours.
213. Problems in Dance Composition. (0-6). Credit, 3 hours.
243. Principles of Physical Education. (3-0). Credit, 3 hours.
253. Curriculum Development in Health and Physical Education. (3-0). Credit, 3 hours.
254. Practices in Health Education Applied to Physical Education. (3-0). Credit, 3 hours. Practical work that should be done by the physical educator in health appraisal of vision, hearing, and other organisms. How to make a physical fitness analysis, ways to follow up, and individual development.
257. Prevention and Care of Athletic Injuries. (3-3). Credit, 3 hours. A course of practical and theoretical study of massage, taping, bandaging, care of sprains, bruises, strains, and wounds.
290. Seminar in Athletic Coaching. (3-0). Credit, 3 hours. A course designed to explore the logical bases underlying present techniques of coaching at all levels of the secondary schools; devoted more to the “why” of coaching than to the “how.”
311. Organizations and Administration of a School Health Program. (3-0). Credit, 3 hours.
345. Supervision of Health and Physical Education. (3-0). Credit, 3 hours.
346. Literature and Research in Health and Physical Education. (3-0). Credit, 3 hours.
347. Problems in Health and Physical Education. (Hours and credit are arranged.)
348. Organization of the Physical Education Program for the Elementary School. (3-0). Credit, 3 hours.
VI. DIVISION OF PRACTICAL ARTS

BUSINESS ADMINISTRATION

Professor Musgrave
Associate Professors Nichols, Cates, Erickson
Assistant Professor Parr

Students wishing to graduate with a major in Business Administration under the curriculum for high school teachers will be expected to absolve a total of 30 semester hours of work in the subject including the following courses in the order indicated:

Freshman year: Business Administration 23 or 25, and two courses selected from 19, 27, 31, 32, 43, 57; and preferably Mathematics 18, 19.

Sophomore year: Business Administration 61, 62 and unless previously absolved, 27 or 57.

Junior year: Business Administration 161, 162.

Senior year: Business Administration: 6 semester hours of advanced work elected with the advice and approval of the Head of the Department of Business Administration, and any additional courses needed to make a total of at least 30 hours of work in the subject.

Students wishing to specialize in Business Administration without preparation for teaching the subject should enroll under the curriculum leading to the degree of Bachelor of Business Administration.

23. Elementary Typewriting. (2-4). Credit, 2 hours.
25. Advanced Typewriting Problems. (3-3). Credit, 3 hours. Applied office typewriting with emphasis on problem typing; typing of various business forms and reports; stencil preparation; manuscript typing; typing of legal documents; concomitant instruction in office skills, in Business English, and in the meaning and use of various business and legal forms and documents.
27. Office Practice. (3-0). Credit, 3 hours. Training in the use of office machines with emphasis on adding and calculating machines; stenographic, accounting, duplicating, and miscellaneous office machines; instruction in office clerical procedures; office systems, routines, and methods; practical office problems.
31, 32. Shorthand. (3-2). Credit, 3 hours each.
43. Dictation. (3-2). Credit, 3 hours.
57. Secretarial Training. (3-2). Credit, 3 hours.
61, 62. Elementary Accounting. (3-2). Credit, 4 hours each.
111, 112. Advanced Accounting. (3-0). Credit, 3 hours each.
133. Business Statistics. (3-0). Credit, 3 hours.
143. Marketing. (3-0). Credit, 3 hours.
153. Business Communication. (3-0). Credit, 3 hours.
157. Salesmanship and Advertising. (3-0). Credit, 3 hours.
161, 162. Business Law. (3-0). Credit, 3 hours each.
215. Insurance. (3-0). Credit, 3 hours.
*227. Auditing and Income Tax Procedure. (3-0). Credit, 3 hours.
249. Management of a Small Business Enterprise. (3-0). Credit, 3 hours.

265. Cost Accounting. (3-0). Credit, 3 hours.

*267. Materials and Procedures in Commercial Subjects. (3-0). Credit, 3 hours.

273. Personnel Relations. (3-0). Credit, 3 hours.

*287. Workshop in Business Education. (Hours and credits to be arranged.)

333. Problems in Business Administration. (Hours and credits to be arranged).

HOME ECONOMICS

Professor Jacks
Associate Professor Coleman
Assistant Professor Barnes
Instructor Little

11. Clothing for Personal and Family Needs. (3-2). Credit, 3 hours. With emphasis on selection, construction, and care of clothing.

12. Buying and Management for Personal and Family Needs. (3-2). Credit, 3 hours. With emphasis on consumer buying and management of time, effort, and money.

21. Foods for Personal and Family Needs. (3-2). Credit, 3 hours. With emphasis on meal planning, preparation, and service; food purchasing and care.

22. Relationships and Development for Personal and Family Needs. (3-2). Credit, 3 hours. With emphasis on personal, family and community relations including health of the family and home care of the sick; and child behavior problems at various age levels.

63. Special Meal Planning and Food Preparation. (3-2). Credit, 3 hours.

67. Pattern Study and Garment Construction. (3-2). Credit, 3 hours.

100. Consumer Buying. (3-0). Credit, 3 hours.

103. Preparation for Home and Family Life. (3-0). Credit, 3 hours.

113. Applied Dress Design and Advanced Construction. (3-2). Credit, 3 hours.

120. School Lunch Problems. Credit, 1 to 3 hours.

123. Nutrition. (3-2). Credit, 3 hours.

132. Home Management. (3-2). Credit, 3 hours.

133. Home Management Residence. Credit, 3 hours.

137. Child Development. (3-2). Credit, 3 hours.

175. Nutrition and Health. (3-2). Credit, 3 hours.

215. Clothing for the Family. (3-2). Credit, 3 hours.


Designed to give training in new techniques and skills in sewing and the unit method of clothing construction and in planning to incorporate these new learnings in the teaching of youth and adults.
265. New Trends in Textiles. (3-2). Credit, 3 hours. Designed to give training in reviewing new textiles and their uses in household and family clothing; in selecting and purchasing ready made garments for all members of the family.

320. School Lunch Problems. Credit, 1 to 3 hours.
360. Home Improvement. (3-2). Credit, 3 hours.
375. Nutrition in Health. (3-2). Credit, 3 hours.

**HOME ECONOMICS EDUCATION**

143. Observation and Methods in Vocational Home Economics. (3-2). Credit, 3 hours.
193. Methods and Problems in Teaching Homemaking. (3-0). Credit, 3 hours.
291, 292. Student Teaching in Homemaking Education. Credit, 6 hours.
315. Evaluation in Home Economics. (3-0). Credit, 3 hours.
381. Research Methods in Home Economics Education. (3-0). Credit, 3 hours.
383. Homemaking for Out-of-School Youth and Adults. (3-0). Credit, 3 hours.
393. Curriculum Development. (3-0). Credit, 3 hours.
399. Thesis. Credit, 6 hours.

**INDUSTRIAL ARTS**

Professor Bowers
Associate Professor Deck
Assistant Professor Harris*
Instructor Branom

13. Drawing I. (3-3). Credit, 3 hours.
15. Drawing II. (3-3). Credit, 3 hours.
17. Woods I. (3-3). Credit, 3 hours.
19. Descriptive Geometry. (3-6). Credit, 3 hours.
21. Metal I. (3-3). Credit, 3 hours.
33. Photography I. (2-2). Credit, 2 hours.
58. Photography II. (2-2). Credit, 2 hours.
57. Aviation Education. (3-0). Credit, 3 hours.
65. Printing I. (3-3). Credit, 3 hours.
75. Woods II. (3-3). Credit, 3 hours.
79. Metals II. (4-4). Credit, 4 hours.
87. Electricity and Radio. (3-3). Credit, 3 hours.
90. Shop Practice for Engineering Students. (3-6). Credit, 3 hours.
113. Laboratory of Industries. (3-3). Credit, 3 hours.

*On Leave, 1953-54.
115. Maintaining the Modern Home. (3-3). Credit, 3 hours.
Credit, 3 hours.
119. Electricity II. (3-3). Credit, 3 hours.
121. Metals III. (3-3). Credit, 3 hours.
125. Metals IV. (3-3). Credit, 3 hours.
127. Laboratory Planning and Equipment Selection. (3-0). Credit, 3 hours.
133. Woods III. (3-3). Credit, 3 hours.
135. Drawing III. (3-3). Credit, 3 hours.
159. Industrial Arts for Teachers of Elementary Grades. (3-3).
Credit, 3 hours.
165. Printing II. (3-3). Credit, 3 hours.
175. Problems in the Graphic Arts. (3-3). Credit, 3 hours.
223. Problems in Industrial Arts. (3-0). Credit, 3 hours.
233. Modern Industries. (3-0). Credit, 3 hours.
330. Evolution of the Industrial Arts Concept. (3-0). Credit, 3 hours.
333. Technical Problems in Industrial Arts. (3-3). Credit, 3 hours.
340. Workshop in Industrial Arts. (3-0). Credit, 3 hours.

LIBRARY SCIENCE

113. Administration of School Libraries. (3-3). Credit, 3 hours.
117. Cataloging and Classification. (3-3). Credit, 3 hours.
123. Reference and Bibliography. (3-0). Credit, 3 hours.
127. Book Selection. (3-0). Credit, 3 hours.
A major in Biology consists of 26 semester hours of work represented normally by Biology 11, 12; 61, 62; and any of the following courses: 111, 112; 113, 114; 115, 119; 221, 222; 231, 232. A student preparing to graduate with a teaching major in Biology will be expected to include in his course of study also Chemistry 11, 12; 111, 112; Physics 11, 12; and General Science 200.

11, 12. General Biology. (3-3). Credit, 3 hours each.
13. Elementary Physiology. (3-3). Credit, 3 hours.
51, 52. Physiology and Anatomy. (2-3). Credit, 3 hours each.
57. Introduction to Human Biology and Development. (3-3). Credit, 3 hours.

CHEMISTRY

A teaching major in Chemistry consists of Chemistry 11, 12, 61, 62, 111, 112, and 6 semester hours of advanced work additional elected with the advice and approval of the head of the Department of Chemistry, and, in addition thereto, Biology 11, 12 or 61, 62; Physics 11, 12; 6 semester hours of Mathematics, and General Science 200.

A non-teaching major in Chemistry consists of Chemistry 11, 12, 61, 62, 111, 112, 211, 212. A student majoring in the subject will be expected also to absolve courses in Mathematics extending through the Calculus. Minors in the other sciences should be absolved.

11, 12. General Chemistry. (3-4). Credit, 4 hours each.
13. Chemistry for Students of Home Economics. (3-3). Credit, 4 hours.
43, 47. Chemistry for Students of Physical Education. (3-2). Credit, 3 hours each.

*On Leave, 1953-54.
61, 62. Quantitative Analysis. (2-8). Credit, 4 hours each.
77. Physiology and Food Chemistry. (3-3). Credit, 4 hours.
111, 112. Organic Chemistry. (3-4). Credit, 4 hours each.
211, 212. Physical Chemistry. (3-3). Credit, 3 hours each.
223. Qualitative Analysis. (1-6). Credit, 3 hours.
227. Organic Preparations. (1-6). Credit, 3 hours.
231, 232. Biochemistry. (3-2). Credit, 3 hours each.
313. Problems in Chemistry. (1-6). Credit, 3 hours (or 6 hours for two semesters).
327. Qualitative Organic Analysis. (2-6). Credit, 3 hours.
399. Thesis. Credit, 6 hours.

GENERAL SCIENCE
Associate Professor Gary

111, 112. Methods and Materials in Science for Elementary Teachers. (3-2). Credit, 3 hours.
200. Teaching the Sciences. (3-0). Credit, 3 hours.

MATHEMATICS
Professor Speck
Associate Professors Cude, Tulloch
Assistant Professor Porter
Instructor Walker

A major in Mathematics consists of thirty semester hours of work represented by Mathematics 11, 13, 17, 63, 111, 112, 115, plus nine semester hours of advanced work which, if Mathematics is to be a teaching major, must include Mathematics 203, taken before or parallel with the course in Directed Teaching. A teaching minor in Mathematics consists of twenty-one semester hours of work represented by Mathematics 11, 13, 17, 63, 111, 112, 203; a non-teaching minor, of eighteen semester hours of work represented by the foregoing courses with omission of Mathematics 203.

Note: Plane Geometry and Solid Geometry, unless offered for entrance credit, are required of all pre-engineers, majors, and minors. If thus required, such students must enroll for Mathematics 11P instead of Mathematics 11 and for Mathematics 15, provided that the course in Solid Geometry must be in addition to those otherwise specified for a major or a minor, respectively.

A student may not use toward graduation credit earned in both 11 and 18. Moreover, he may not use toward graduation more than nine semester hours of credit in courses in Mathematics of freshman rank, exclusive of the course in solid geometry, which may be additional.

11. Algebra I. (3-1). Credit, 3 hours.
Note: In the first semester of each year a variant of Mathematics 11 to be identified as Mathematics 11P to meet five times per week
for 3 hours credit will be offered with inclusion of the elements of Plane Geometry for those students who have not earned entrance credit in the subject in high school.

13. Algebra II. (3-0). Credit, 3 hours.
15. Solid Geometry. (3-0). Credit, 3 hours.
Prerequisite or parallel: 11 (preceded by high school credit in plane geometry) or 11P.

17. Plane Trigonometry. (3-0). Credit, 3 hours.
63. Analytic Geometry. (3-0). Credit, 3 hours.
65. Mathematics of Finance. (3-0). Credit, 3 hours.

111, 112. Differential and Integral Calculus. (3-0). Crédit, 3 hours each.

115. Modern Geometry. (3-0). Credit, 3 hours.
119. The Theory of Equations. (3-0). Credit, 3 hours.
123. Differential Equations. (3-0). Credit, 3 hours.
127. Elementary Mathematics from an Advanced Standpoint. (3-0). Credit, 3 hours.

133. Analytical Mechanics. (3-0). Credit, 3 hours.
200. Materials and Methods in Arithmetic for Elementary Teachers. (3-0). Credit, 3 hours.
203. Materials and Methods of Secondary Mathematics. (3-0). Credit, 3 hours.
209. The Theory of Determinants. (3-0). Credit, 3 hours.
213. Advanced Calculus I. (3-0). Credit, 3 hours.
215. Advanced Calculus II. (3-0). Credit, 3 hours.
216. Projective Geometry. (3-0). Credit, 3 hours.
217. Foundation of Geometry. (3-0). Credit, 3 hours.
225. Vector Analysis. (3-0). Credit, 3 hours.
273. Theory of Functions of Real Variables. (3-0). Credit, 3 hours.

PHYSICS

Professor Rush
Assistant Professor Todd*

11, 12. General Physics. (3-3). Credit, 4 hours each.
63. Light and Sound. (3-3). Credit, 4 hours.
67. Magnetism and Electricity. (3-3). Credit, 4 hours.
113. Heat and Mechanics. (3-2). Credit, 3 hours.
117. Modern Physics. (3-0). Credit, 3 hours.
133. Analytical Mechanics. (3-0). Credit, 3 hours.
149. Electric Waves. (3-0). Credit, 3 hours.

*On Leave, 1953-54.
To graduate with a major in Agriculture a student will be expected to enroll under the curriculum leading to the degree of Bachelor of Science in Vocational Agriculture.

COURSES IN AGRICULTURE

13. Field Crops. (2-2). Credit, 3 hours.
33. Farm Poultry. (2-2). Credit, 3 hours.
45. Animal Husbandry. (Formerly 65). (2-2). Credit, 3 hours.
61. Agrostology. (2-2). Credit, 3 hours.
67. DaIrying. (2-2). Credit, 3 hours.
73. Farm Shop. (3-3). Credit, 4 hours.
75. Forage and Pasture Crops. (2-2). Credit, 3 hours.
77. Vegetable Gardening and Small Fruits. (2-2). Credit, 3 hours.
79. General Horticulture. (2-2). Credit, 3 hours.
83. Introduction to Agricultural Economics. (3-0). Credit, 3 hours. The history, principles, practices, and problems of the agricultural economy.

111. Farm Power and Machinery. (1-4). Credit, 3 hours.
115. Advanced Dairy Management. (3-0). Credit, 3 hours.
117. Farm Management. (3-0). Credit, 3 hours.
121. Range Management. (2-2). Credit, 3 hours.
123. Advanced Poultry Husbandry. (2-2). Credit, 3 hours.
125. Feeds and Feeding. (3-2). Credit, 4 hours.
126. Soil Science. (2-2). Credit, 3 hours.
127. Soil Fertility and Fertilizers. (2-2). Credit, 3 hours.
129. (Formerly 69). Economic Entomology. (2-2). Credit, 3 hours.
131. Diseases of Livestock. (2-2). Credit, 3 hours.
145. Advanced Animal Husbandry. (2-2). Credit, 3 hours. This course includes problems in all phases of animal husbandry pertaining to beef cattle, sheep, goats, swine, and horses.
151. Marketing. (3-0). Credit, 3 hours.
154. Soil and Water Conservation. (2-4). Credit, 4 hours.
161. Rural Electrification. (2-2). Credit, 3 hours.
213. Crop Improvement and Seed Production. (2-2). Credit, 3 hours.
313. Advanced Problems in Farm Crop Production. (3-0). Credit, 3 hours. Intensive study of the latest research in the production and harvesting of crops. Also, there shall be a comparative study of the

*On Leave, 1953-54.
characteristics of the most recently recommended varieties of the chief farm crops grown in the State of Texas.

333. Advanced Problems in Poultry. (3-0). Credit, 3 hours. Intensive study of research in the newer principles and practices in the various specialized fields related to successful poultry production.

345. Advancements in Animal Husbandry. (3-0). Credit, 3 hours. A comprehensive review of recent advances in research relating to the various phases of animal husbandry.

367. Current Developments in Dairying. (3-0). Credit, 3 hours. A comprehensive review of recent advances in research related to dairy production.

COURSES IN AGRICULTURAL EDUCATION

105. Introduction to Agricultural Education. (2-0). Credit, 2 hours.

202. Supervised Farming Program. (2-0). Credit, 2 hours.

211. Special Teaching Aids and Resources. (2-0). Credit, 2 hours.

212. Program Planning. (2-0). Credit, 2 hours.

291, 292. Teaching Methods and Directed Teaching. Credit, 6 hours.

320. Recent Trends in Teaching Vocational Agriculture. (3-0). Credit, 3 hours. Designed to give training in new techniques of teaching all-day Young-farmer and Adult-farmer classes. Emphasis will be placed on the research in these areas.

330. Administration and Supervision of Agricultural Education. (3-0). Credit, 3 hours. A study of the problems of organization, administration, and supervision of vocational education. Emphasis will be placed on vocational education in agriculture.

365. Research Problems in Agricultural Education. (3-0). Credit, 3 hours. Required of all students who major in Agricultural Education who do not write a thesis.

399. Thesis. Credit, 6 hours.
VIII. DIVISION OF SOCIAL SCIENCES

Professor Taylor, Director

The division offers courses comprising majors designed for (1) teachers of the Social Sciences in the junior and senior high school, and (2) general college students in the specialized fields of the Social Sciences.

A major in the Social Sciences for teachers consists of not less than 48 nor more than 54 semester hours in the Social Sciences distributed as follows: History: 24 semester hours, including History 11, 12, and 61, 62 or 71, 72; 6 hours chosen from History 111, 113, 123, 211; and 6 hours chosen from History 112, 115, 121, 133, 143, 147, 212, 215, 223, 227; Government 61, 62; Economics 67; Geography 13 or 57; Sociology 67; and electives in Economics, Geography, Government, or Sociology: 9 hours.

Students preparing to graduate with a teaching major in the Social Sciences will be expected to absolve also History 233, Teaching the Social Sciences in the Junior and Senior High School.

Candidates for the degree of Bachelor of Arts wishing to make a major in some one of the Social Sciences will be expected to absolve a total of not less than 24 nor more than 30 hours of work in a major field, and 18 hours of work in two additional fields of the Social Sciences, inclusive of History 11, 12, and Government 61, 62, if these courses do not fall in the field of the major, provided that the total amount of work in the Social Sciences offered toward graduation may not exceed 54 hours.

A teaching minor in the Social Sciences must include a minimum of 24 semester hours (6 hours thereof advanced), including Government 61, 62, and at least 12 hours in History.

HISTORY

Professors Taylor, Murphy, Elliott, Greene, Hahn
Associate Professor Pool
Assistant Professors Craddock,* Eakle

11, 12. History of Western Civilization. (3-0). Credit, 3 hours each.
51, 52. Medieval and Modern Europe. (3-0). Credit, 3 hours each.
61, 62. History of the United States Since 1492. (3-0). Credit, 3 hours each.
71, 72. History of England. (3-0). Credit, 3 hours each.
111. History of Europe, 1871-1919. (3-0). Credit, 3 hours.
112. History of the United States, 1877-1920. (3-0). Credit, 3 hours.
113. The Far East Since 1500. (3-0). Credit, 3 hours.
115. Economic History of United States. (3-0). Credit, 3 hours.
121. History of Texas, 1820-1875. (3-0). Credit, 3 hours.

*on leave, 1953-54.
123. The Near and the Middle East Since 1500. (3-0). Credit, 3 hours.
133. The American Constitution. (3-0). Credit, 3 hours.
143. Mexico, Central America, and West Indies. (3-0). Credit, 3 hours.
147. South America. (3-0). Credit, 3 hours.
211. History of Europe Since 1919. (3-0). Credit, 3 hours.
212. Contemporary United States Since 1919. (3-0). Credit, 3 hours.
215. Diplomatic History of the United States. (3-0). Credit, 3 hours.
*223. The Frontier in American History. (3-0). Credit, 3 hours.
*227. Colonial North America. (3-0). Credit, 3 hours.
233. Teaching the Social Sciences in the Junior and Senior High School. (3-0). Credit, 3 hours.
311. Selected Problems in European History. (3-0). Credit, 3 hours.
315. Selected Problems in the Diplomatic History of the United States. (3-0). Credit, 3 hours.
321. Selected Problems in Texas History. (3-0). Credit, 3 hours. A seminar based upon selected topics in the history of Texas. Emphasis is placed upon the examination, evaluation, and utilization of primary and secondary source materials.
323. Selected Problems of the Frontier in American History. (3-0). Credit, 3 hours.
327. Selected Problems in the History of Colonial North America. (3-0). Credit, 3 hours.

**ECONOMICS**

Associate Professor Erickson

67. Principles of Economics. (3-0). Credit, 3 hours.
73. Economic Problems. (3-0). Credit, 3 hours.
103. Economic Geography. (3-0). Credit, 3 hours.
111. Money and Banking. (3-0). Credit, 3 hours.
112. Corporation Finance. (3-0). Credit, 3 hours.
113. Labor Problems. (3-0). Credit, 3 hours.
115. Economic History of the United States. (3-0). Credit, 3 hours.
117. Economic Organization of the Southwest. (3-0). Credit, 3 hours.
127. Public Finance. (3-0). Credit, 3 hours.
129. Business Cycles. (3-0). Credit, 3 hours.
133. Business Statistics. (3-0). Credit, 3 hours.
143. Marketing. (3-0). Credit, 3 hours.

**GEOGRAPHY**

Associate Professor Sterry

13. Principles of Geography. (3-0). Credit, 3 hours.
57. Anglo-America. (3-0). Credit, 3 hours.

103. Economic Geography. (3-0). Credit, 3 hours.

107. Geography in Europe. (3-0). Credit, 3 hours.

108. Hispanic-America. (3-0). Credit, 3 hours.

113. Natural Resource Use and Planning. (3-0). Credit, 3 hours.

117. Political Geography and Geopolitics. (3-0). Credit, 3 hours.

123. The South. (3-0). Credit, 3 hours.

127. Geography of Asia. (3-0). Credit, 3 hours.

GOVERNMENT

Professors Taylor, Greene
Assistant Professor Henderson


115. American Local Government. (3-0). Credit, 3 hours.

117. International Organization and Administration. (3-0). Credit, 3 hours.

123. Introduction to International Law and Politics. (3-0). Credit, 3 hours.

125. Comparative Government: Europe. (3-0). Credit, 3 hours.

127. Comparative Government: Latin-America. (3-0). Credit, 3 hours.

133. The American Constitution. (3-0). Credit, 3 hours.

SOCIOLOGY

Professor Grusendorf

55. Marriage and the Family. (3-0). Credit, 3 hours.

67. Introduction to Sociology. (3-0). Credit, 3 hours.

69. Applied Sociology. (3-0). Credit, 3 hours.

117. Social Ethics. (3-0). Credit, 3 hours.

119. Social Psychology. (3-0). Credit, 3 hours.

127. Racial and Other Minority Groups. (3-0). Credit, 3 hours.

133. Social Control. (3-0). Credit, 3 hours.

137. The Family. (3-0). Credit, 3 hours.

143. Criminology. (3-0). Credit, 3 hours.

147. Juvenile Delinquency. (3-0). Credit, 3 hours.

153. The Community. (3-0). Credit, 3 hours.

237. Sociology of Education. (3-0). Credit, 3 hours.

*On Leave, 1953-54.
IX. DIVISION OF RELIGIOUS INSTRUCTION

Mr. McIver, Teacher of Bible

The college, by arrangements through its Academic Council and by approval of the Board of Regents, gives credit for courses offered in Bible by various denominational groups. The courses must be approved by the Instructional Council of the College, and the staff employed by religious groups must be given the approval of the administrative officers.

BIBLE

67. Survey of the Old Testament. (3-0). Credit, 3 hours.
68. Survey of the New Testament. (3-0). Credit, 3 hours.
111. The Life and Teachings of Jesus. (3-0). Credit, 3 hours.
121. (Formerly 112). The Spread of Christianity. (3-0). Credit, 3 hours. A study of the development and spread of Christianity from the time of the death of Christ through the first century. Special attention is given to the life and writings of the apostle Paul.
X. DIVISION OF AIR SCIENCE

AIR FORCE RESERVE OFFICERS TRAINING CORPS

Instructional Staff for 1953-4

Professor of Air Science and Tactics
Lt. Col. Earl W. Lewis

Assistant Professors of Air Science and Tactics
Lt. Col. Gernard M. Campbell
Capt. James M. Brown
1st. Lt. Paul W. Adams
1st. Lt. Alton W. Willms

11, 12. First Year Basic. (2-2). Credit, 2 hours each. Introduction to Air Force ROTC; Introduction to Aviation; Fundamentals of Global Geography; International tensions and security organization; Instruments of National Military Security; Leadership Laboratory—Basic Military Training.

61, 62. Second Year Basic. (2-2). Credit, 2 hours each. Elements of Aerial Warfare: Introduction; Targets; Weapons; Aircraft; Air Ocean; Bases; Forces. Careers in the United States Air Force. Leadership Laboratory—Cadet Non-Commissioned Officers Training.

111, 112. First Year Advanced. (4-2). Credit, 4 hours each. These courses consist of a study of the following: The Air Force Commander and his Staff; Problems Solving Techniques; Communications process and Air Force Correspondence; Military Law, Courts, and Boards.


NOTE: Following the completion of the Junior Year (AS 111, 112) each Cadet is required to attend a six (6) weeks Summer Camp at some active Air Force Base. While at Summer Camp Cadets receive Training in the following: Individual Weapons; Familiarization Flying; Field Exercises; United States Air Force Base Activities and Equipment; Air Base Problems; Physical Training; Leadership.

211, 212. Second Year Advanced. (4-2). Credit, 4 hours each. This course includes a study of the following: Principles of Leadership and Management (Seminar); Career Guidance; Military Aspects of World Political Geography; Military Aviation and the Art of War; Briefing for Commissioned Service; Leadership Laboratory—Cadet Commissioned Officer Training.

Note: The amount of credit in Air Science that a student will find it practicable to use toward graduation will be determined by the curriculum under which he proposes to graduate, by his choice of major and minor, and by the number of electives available to him.
## STATISTICAL SUMMARY

### Enrollment

**Regular Session, 1951-52**

<table>
<thead>
<tr>
<th>Class</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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<tbody>
<tr>
<td>Freshmen</td>
<td>394</td>
<td>255</td>
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<tr>
<td>Sophomores</td>
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<td>174</td>
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<td>Juniors</td>
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<td>Seniors</td>
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<tr>
<td>Graduates</td>
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<td>190</td>
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<tr>
<td>Post-Graduates</td>
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<td>23</td>
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<tr>
<td>Specials</td>
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<td><strong>Total college</strong></td>
<td>1116</td>
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**Extension Students, 1951-52**

<table>
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<tr>
<th>Class</th>
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<th>Women</th>
<th>Total</th>
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<tbody>
<tr>
<td>Freshmen</td>
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<tr>
<td>Sophomores</td>
<td>59</td>
<td>101</td>
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<td>Juniors</td>
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<tr>
<td>Seniors</td>
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<tr>
<td>Graduates</td>
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<tr>
<td>Post Graduates</td>
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<td>71</td>
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<tr>
<td>Specials</td>
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<td><strong>Total college</strong></td>
<td>574</td>
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**Correspondence Students (Sept. 1, 1951 to Aug. 31, 1952)**

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<th>Class</th>
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<td><strong>Total</strong></td>
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### Summer Session, 1952

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<tr>
<td>Freshmen</td>
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<tr>
<td>Sophomores</td>
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<td>Graduates</td>
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<td>Post Graduates</td>
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<td>Specials</td>
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<td><strong>Total college</strong></td>
<td>574</td>
<td>927</td>
<td>1501</td>
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**Correspondence Students (Sept. 1, 1951 to Aug. 31, 1952)**

<table>
<thead>
<tr>
<th>Class</th>
<th>Total</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
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## DEGREES CONFERRED

### Regular Session 1951-52

<table>
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<th>Degree</th>
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<td>Bachelor of Business Administration</td>
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<tr>
<td>Bachelor of Science in Education</td>
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<tr>
<td>Bachelor of Science in Vocational Agriculture</td>
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<tr>
<td>Bachelor of Music Education</td>
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<tr>
<td>Bachelor of Science in Industrial Arts</td>
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<tr>
<td>Bachelor of Science in Home Economics</td>
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### Summer Session 1952

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<tr>
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<td>Master of Education</td>
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<tr>
<td>Bachelor of Science</td>
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Bachelor of Arts ............................................. 11
Bachelor of Business Administration ................................ 8
Bachelor of Science in Education .................................... 98
Bachelor of Science in Vocational Agriculture ...................... 7
Bachelor of Music Education ....................................... 3
Bachelor of Science in Industrial Arts ................................. 7
Bachelor of Science in Home Economics ................................. 10

Total ........................................................................ 315

REGULAR SESSION

January, 1952

Bachelor of Science in Education

Acuff, Tommie H. .............................................................. Patterson, Margaret H.
Asher, Ruby Alice ............................................................. Perkins, Anna Beth Peterson
Bauer, Mary Louise ............................................................ Porter, Juanita Corinne
Bunting, Mary Woods ............................................................ Robertson, L. B.
Fanett, Mary Milligan .......................................................... Rodriguez, Hermininda A.
Garcia, Gilbert ..................................................................... Sawey, Neila Jo
Garrett, Roy Elmer ............................................................... Sell, John Leroy
Graham, Edward Allen ......................................................... Steinele, Margaret Sue
Hail, Mabel Smith ............................................................... Tatsch, Elayne McConnell
Hendricks, Dorothy Mae ....................................................... Thieme, Lena Helen
Johnston, Frances Oleta ....................................................... Thurman, Etna Sweatman
Kiser, Leona L ................................................................. Vliet, Russell Gordon
Kutach, Helen Cook ............................................................. Voelkel, Calvin Marvin
McCauley, Virginia Rose .................................................... Wiese, Georgia Roberts
Madison, Norma Leigh ........................................................ Wittenburg, Mary Ann
Martin, Laura Lea Henry ...................................................... Wonsley, Thelma McLemore
Mogford, Joy Neil Allen ........................................................ Nemer, Agnes Dorothy
Peikert, Barbara Jean ............................................................

Bachelor of Science

Fitzgerald, Albena .............................................................. Patterson, Sarah Jane
Goodson, Juanita S. ............................................................ Scheller, Donald Elvin
Hall, Mortimer Lee ............................................................ Simmons, Paul Cook
Johanson, Dale L ............................................................... Wilson, Clarence Ivan
Kirchoff, Gilbert Oscar ........................................................

Bachelor of Science in Home Economics

Althaus, Fannie Loe ........................................................... Coleman, LaNelle Herrington
Baker, Mary Martha .......................................................... Steffens, Dorothy Corinne
Cleckler, Jo Ann Smith ........................................................

Bachelor of Science in Industrial Arts

Buch, Leslie R. ................................................................. Hopson, William Paul
Crenshaw, James L ............................................................. Lyons, Russell LaRue
DeVassie, Harry Merle ......................................................... White, Claude B.

Bachelor of Science in Vocational Agriculture

Gottwald, Norwood H., Jr. .................................................... Purswell, Arthur Don
Hensley, John Briggs ............................................................

Bachelor of Arts

McDonald, Dolores Behymer ................................................. Peikert, Barbara Jean
Bachelor of Music Education

Adams, Joyce
Cater, Dorothy Mae

Dervage, Mary Ruth
Linnartz, Dorothy Mae

Bachelor of Business Administration

Carter, L. B.
Johnson, Robert Caldwell

Mangum, Yvonne E.

Master of Arts

Bennett, Martha Mae
Boren, Dan Austin
Dittmar, Hilmar C.
Giesen, Lenora Davis
Jennings, Lillian Ruth

Mathews, Sarah Francis
Morris, Rosalie Mary
Stewart, George Edward
Strunk, Pauline Fink

Master of Education

Adams, Thomas Earl
Bagley, Nolan Dale
Booth, Carl R.
Clayton, Charles Edward
Cutcher, Haskell Wells
Hollis, Edna Lowther
Kubel, Benjamin A.
LaGrone, Edward Lamb

Langerhaus, Roy H.
Martin, Darroll Moore
Miller, Raymond Calvin
Moore, Charles Q.
Rothermel, James D.
Smith, Evelyn W.
Tindall, William Clyde, Jr.
Torres, Joe Acosta

MAY, 1952

Bachelor of Science in Education

Abraham, Helen Lee
Anglin, Susie V.
Baetge, Martha Jo
Ball, Fred, Jr.
Beaty, Robert E.
Blunt, Billie Jo
Bowers, Helen Marie
Boyles, Wardnc M.
Bryant, Aline Crunk
Campbell, Pauline M.
Corley, Karen Fortenbery
Cron, Charlotte Ann
Ellison, Montie Rhea
Ferrero, Edward Philip
Fertich, Lyn H.
Gohlke, Lillian Ida
Gonzales, Alice
Guliford, Dorothy Comella
Hahn, Ruby Lee
Hall, Margarette
Haller, Richard Louis
Hargrove, Marie Erickson
Hatcher, Nora Sue McLeod
Holley, John Mason
Hortness, Darrell Eugene
Jirasek, Margaret Cavanaugh
Johnson, Gloria Bums
Jurecka, Lawrence Frank
Kennedy, Hubert H.
Koch, Charles H.
Leath, Alta Joan
Leyendecker, James Tracey
Luckett, Frances Eads
McBryde, Ramona Oriena
McDonald, Vernon Shinn

Matthews, Florence Dorothy
Monaghan, Winifred Gene
Moon, Mary Virginia
Moses, Ruth Ellen
Murray, Mercedes Brown
Nelson, Norman Arthur
Oliver, Elouise
Ondrej, Deirdre Dorothy
Parker, Mary Nell Carter
Parr, Vivian Vera
Pedigo, Norris E.
Pickett, Richard Clifford, Jr.
Pirtle, Joe Milton
Floeger, Ouida Nell
Fluenneke, Harold Curtis
Prueett, Jake Lee
Relly, Elizabeth Ann
Rogers, Billie Ray
Ross, Kenneth Raymond
Rush, Katherine
Searcy, John Mabray
Smith, David Pauline
Smith, Harlan Dean
Sorensen, James Frederick
Sutton, Joseph John
Tyler, Leon H.
Ulrich, Esther K.
Villarreal, Dan
Voelker, Carolyn Ann
Weatherford, Jack Wallace
Wiegand, Ruby M.
Williams, Letha Merle Hastings
Williams, Walter Robert
Wilson, LaWanda Audine

Bachelor of Arts

Acheson, Virginia Ann
Bunch, Billie Marie
Culpepper, Joy Estelle

Southern, Jo Nell
Wieser, Imogene Carolyn
Bachelor of Science

Besch, Emerson Louis
Copeland, Philip Reginald
Boyd, Everett M.
Griffin, Doris Boydene
Hall, Earl Frank, Jr.

Bachelor of Science in Home Economics

Boehm, Allene
Caperton, Ester Lea
Cowan, Johnnie Elizabeth
Dunn, Blon Del
Foster, Dorothy Jean
Havlik, Annie Roxy
Haynes, Helen Raye
Henderson, Carolyn Joy
Klett, Elizabeth Ann Jackson

Bachelor of Science in Industrial Arts

Adams, Jesse M.
Barton, Charles Grady
Domínguez, Raul G.

Bachelor of Science in Vocational Agriculture

Berry, Hugh Lawrence
Haby, Ernen M.
Hatchett, Jim
Hughes, Kenneth E.
Klaus, Erwin
Kuretsch, Gilbert E.

Bachelor of Music Education

Connor, Aikin Orange
Damron, Sibyl
Elliott, Norman Joe
Gohlke, William Carlton
Ohlendorf, Geraldine Retherford

Bachelor of Business Administration

Brymer, Bufford R.
Dirks, Robert L.
Hollon, Tommy Hugh
Johanson, Milton Charles

Master of Arts

Brown, Myrtle Russell
Cunningham, James William
Ellis, Kathleen R.
Green, Blanche Milligan

Master of Education

Abernathy, George Edward
Billnitzer, Theodore B.
Booth, Lorene Hamilton
Caraway, Loren Charles
Curtiss, Maria Aranda
Field, Willie Lynn
Huffman, Jack Francis
Jubela, Clara Glenewinkel
Juel, Gwen P.

Kirkpatrick, William Kirney
Petrich, William Leo, Jr.
Sebesta, Robert James
Tengg, Nic Edwin
Williams, Fletcher

Kubena, Carol Maxine
Lochte, Dorothy Lee
Miller, Nellie Ruth
Petrich, Barbara Ann Miller
Pitts, Annie Nell
Ribta, Joyce Ann
Smith, Myrtle LaVerne
Virdell, Beverly Rue

May, Jack Brown
Maze, J. C.
Ribbeck, Alvin F., Jr.
Shadek, Billy Gene
Williams, Joe Brooks
Younger, Ernest A.

Salazar, Adam
Simpson, Charles Henry, Jr.
Stephenson, Robert A.
Storey, Arthur James, Jr.

Templeton, Albert Clark
Walker, Neil
Wallace, Miles Bates

Haley, Maurine Berry
Stoepler, George Richard
Sutton, Lilian
Sutton, Marguerite

Cechler, John Frederick
Richan, Henriette K.
Richards, William F.
Ross, Iona Grellie
Sloan, Waldine Vandegrift
Tumlinson, John C.
Whisenant, Weldon W.
Winkelman, Arthur C.
AUGUST, 1952

Bachelor of Science in Education

Ackerman, Max
Allen, Mary Frances Wlemers
Altenhoff, Marvin Loyd
Anderson, Howard L.
Arnold, Irene Russell
Audillet, Clara Hoffman
Bales, Lilah Cleckler
Barnard, Lenora Carter
Barta, James Frank
Blessington, Clement A.
Boddecker, Julia Ann
Bretske, Helen Jeanette
Broussard, Barbara Anne
Brown, Monte I., Jr.
Brown, O. V., Jr.
Butler, Virginia Helen
Campbell, Edna Jean
Carson, Alcena Gambrell
Clark, Gladys Pauline
Connor, Mimi Frances
Coraett, Inez G.
Cramer, William Paul
Cupepper, Della
Currie, Agnes Reid
Davis, Clara Byrd
Finger, Perry Chamberlain
Fridge, Thelma Thomas
Gabler, Alice
Garcia, Lilla
Garrett, Amy Hoffman
Gilliland, Patsy B.
Goetzl, Mary Louise Stuart
Griffin, Christine C.
Griffin, Frances Anderson
Guest, William Gobel
Hale, Alma Stewart
Hamlett, James R.
Hathaway, Allie Mae
Haverlah, Leola Mathilda
Henderson, Wesley Gordon
Herrington, Wendell Grace
Hoerman, Trilby Lane
Holden, Robert Lee
Holub, Lillian Ann
Huggins, Beulah Ross
Jacob, Bonnie
Kasper, Lilian
Kemp, Jim C.
Knebel, Julius Franklin
Kosel, Irene Martha
Langendorff, Ola Lackey
Leeper, James S.
Linn, Charles W.
Lowery, Mae Pope
Lucas, Paul R.
McGregor, Mary Jane
Manske, Roland William
Marshall, William R.
Martin, Lois Jean
Martin, Marjorie Lucell
Miczulka, Lorena Pustejovsky
Miller, Jewel West
Moeller, Alma Elizabeth
Moody, Maxine Bradley
Murdoch, Jo Ann
Nolan, Ruth Frazier
Olds, Carol Mae
Perez, Raymond
Ponton, Jack R.
Pyka, Helen Alice
Ray, Malda Swift
Rhea, Edgar Boyd
Roberts, Betty Jo Easton
Roberts, Robert Lester, Jr.
Royal, Alice Williams
Schott, Hilda
Schutz, Edward Earl
Sheeran, Dora Louise
Sittre, Bessie
Smith, Normadale Adams
Smothermon, Fannie Scott
Sorenson, Jean Anne
Spencer, Frances Adele
Stautzenberger, Pauline
Sullivan, Iris Jackson
Supak, Lenton John
Swickheimer, Hatty Albrecht
Swindler, E. J., Jr.
Tamalesus, John Thomas
Thomas, Henry Lockett, Jr.
Untled, Evelyn Kennedy
Vliet, Vida Ann Rutherford
Walker, G. W.
Ward, James
Weinheimer, Joseph Otto
Wierth, Erma A.
Williams, Bettye Virginia
Wray, Elizabeth Proctor

Bachelor of Arts

Curnutte, Mary Sue
Gary, Maxene Bargainer
Kennedy, Erna London
La Bauve, Fred Brown
Lozano, Emma C.
McCann, John Peter
Montemayor, Ella Ines
Newlin, Margaret Ellen
Sanchez, Stella Cledia
Walker, Donald Anthony
Williams, Myrtle Box

Bachelor of Science

Ballinger, Iola Baumgarten
Coleman, William Paul
Dozier, Roland Lee
Eversole, Monte Sweeney
Hardwick, Lou Warren
Jackson, Martha Dale
Kirkpatrick, Neil Bickenbach
Tippcomb, Paul M.
Lozano, Rudy
Martin, Charlie R.
Morgan, Katie Whiteside
Notal, Gladys Ulcak
Murphree, Elizabeth Callihan
Olson, Margaret Starnes
Olson, Mary Louise T.
Ragsdale, Joe S.
Redus, Guy DeWayne
Sanderlin, James Marvin
Seigle, Owen Eugene
Williams, Lee Olin, Jr.
### Bachelor of Science in Home Economics
- Davis, Billie Margaret Pieper
- McCall, Rita Curry
- Maner, Nila Mae
- Montgomery, Patsy Joy
- Munger, Virginia Celea
- Satterwhite, Edith Marie
- Scott, Nannie Lula Plunkett
- Serna, Corina
- Serna, Noemi
- Staatz, Imogene Henne

### Bachelor of Science in Industrial Arts
- Edwards, Travis A.
- Eloff, Galen Ray
- Hatcher, Gilbert Ray
- Hoover, Dexter Eugene
- Huffman, John H.
- Pangalos, Stephen
- Yarchuska, John A.

### Bachelor of Science in Vocational Agriculture
- Arnn, Kenneth E.
- Bond, Alan
- Davison, Jimmy Graham
- Guthrie, Thomas L.
- Luesen, Louis C.
- Matthews, Howard Harvey, Jr.
- Rash, Howard David

### Bachelor of Music Education
- Deviney, Mary Esther
- Garcia, Rosaura Carmen
- Magdalena, Juliann

### Bachelor of Business Administration
- Albrecht, Allen L.
- Baker, Mary Penner
- Baker, Carlos Smith, Jr.
- Cude, Helen Ebeling
- Dietz, Elgin Max Conrad
- Grizzle, James Dennis
- Hall, Troy
- Harbin, Jess Francis
- Hartigan, John T.
- Hernandez, Jose Angel
- Kendrick, Louisa George
- Mayfield, David Sherman
- Ory, Harold Lloyd
- Teague, Walter Eugene

### Master of Arts
- Albritton, Fannie Mary
- Ander, Willard N.
- Ander, Daisy Ruth
- Bynum, Joyce Myrl
- Clark, Harriett K.
- Clark, James Val
- Cude, Helen Ebeling
- Dietz, Elgin Max Conrad
- Grizzle, James Dennis
- Hooper, William Edward
- LaForge, Paula Kae
- Locklear, A. F.
- Lopes, Nicholas Anthony
- Nicholls, Andrew A.
- Nicola, Petra C.
- Owens, Morris
- Peavy, Zella M.
- Snyder, Elvin V.
- Weinhelmer, Ophelia Nielsen

### Master of Education
- Adkins, Lucile N.
- Adams, Reba Curtis
- Allbritton, Fannie Mary
- Ander, Willard N.
- Ander, Daisy Ruth
- Baker, Mary Penner
- Baker, Carlos Smith, Jr.
- Bambuch, Joseph Fred
- Banik, Otto A.
- Baumruk, Anna Frances
- Baxter, Walter L.
- Baze, Graydon Wortham
- Becker, Rudolf Carl
- Biddle, Ernestine Florence
- Biggers, Hubert M.
- Bothe, Maurine Ingraham
- Borchart, Melvin H.
- Brewer, Victoria
- Broom, Lillian Wiemers
- Burnett, Marjorie Williams
- Cadenhead, Velda Ells
- Calhoun, Ruth Boykin
- King, Anita
- King, Veda
- Kleinschmidt, Helen
- Klett, Robert August
- Kokel, Norman J.
- Krause, Harriet Z.
- Lewis, Edward F.
- Lindsey, Dudley Ray
- Lindsey, James William
- McDougall, Ora
- Mandel, Hortense K.
- Marshall, Joe Murry, Jr.
- Massey, Ruth L.
- Mechler, Floyd A.
- Moore, Delaene
- Morgan, Blanche
- Moss, Roberta Lee
- Murillo, Hermelinda A.
- Norris, Sibyl M.
- Odom, Winfred Wilton
- Ortonio, Abel
Campbell, Lola Patrick
Carpenter, Anna E.
Cheaney, Carl B., Jr.
Cheaney, Holland A.
Clavarra, John Joseph
Clark, Fritzle E.
Clindaniel, Robert L. D.
Coers, John L.
Cox, Ava Johnson
Crawford, May B.
Crews, Calloway Seale
Curbo, Jeff B.
Darlek, Anton W.
Davenport, Doris Ann
Delgado, Mirta Miramar
Dodge, Lela
Duey, Clarence James
Eargle, Edwin Worth
Estes, Mary Jane
Evans, Johnie C.
Ewing, Edna Whitehead
Farr, Barnie B., Jr.
Felty, Raymond Donald
Ferguson, Doris McKinney
Planagan, John A.
Frazier, Grover Conn
Gariel, Delfina
Gilpin, Calvin F.
Grayson, Mary Blanche
Hanson, Shirley Sue
Harmon, Alonzo Rather
Harris, Lula C.
Henson, M. N.
Hester, Lillian
Huffman, Una V.
Jackson, Bertha Lee
Jett, James P.
Jolley, Mattie Ray
Jungman, Claude Jacob
Keenon, John H., Jr.
Kellam, Maurice Kenneth
Kennedy, Merle B.
Kleke, Nelson N.

Parks, Cyrus Brohier II
Payne, Eva Fowler
Robertson, Choyce W.
Ross, W. M.
Royal, Kenneth W.
Rutherford, Ray
Sawyer, Rowena Putnam
Schaefer, Dorothy Marie
Schloott, Alice Marie
Schultz, Vastine M.
Short, Robert V.
Smith, Wilma McClung
Smothers, Henry Leon
Spiller, Alva Mills
Stoever, Eugene
Strandman, Norman Ernest
Strey, Zadie Smith
Teague, Clyde Carl
Thomas, Louise Cabaniss
Tiggeman, Floyd H.
Tilley, Ruby Ouzts
Tipton, Okle Mae
Troy, Mary Evelyn
Ulbrich, Harold Joseph
Valencia, Josephine T.
Vardiman, Marie Arnold
Vernor, Winifred
Vickers, Dora
Vincent, Lurline
Vogel, George William
Wagner, Helen L
Walker, Iva Lee Sharp
Wallin, Ruby Melvina
Watkins, Mayme V.
Webb, LaVerne May
White, William Byrd
Williams, Eva Jo
Willis, David B.
Wilson, Luther Ross
Wilson, Selma Kathryn
Winston, Mary Belle
Wiseman, Frances Miller
Young, Ruth Johnson.
SOUTHWEST TEXAS STATE TEACHERS COLLEGE

ALPHA CHI MEMBERSHIP

January, 1952
Graduate Membership
Fannie Lee Althaus
Mary Martha Baker
Harry Merle DeVaassie
Mary Woods Ewing
Dale L. Johanson
Margaret H. Patterson
Elayne McConnell Tatsch

May, 1952
Graduate Membership
Fred Ball, Jr.
Ernest N. Haby
Marie Erickson Hargrove
Carolyn Joy Henderson
Alta Joan Leath
Ruth Ellen Moses
Geraldine Retherford Ohlendorf
Robert James Sebesta
Jo Neill Southern
Nic Edwin Tengg
Imogene Carolyn Wieser
LaVanda Audine Wilson
Ernest A. Younger

August, 1952
Graduate Membership
Lila Cleckler Bales
Jola Baumgarten Ballinger
Helen Jeanette Breteke
Mimi Frances Connor
Clara Byrd Davis
Rosaura Carmen Garcia
Mary Louise Stuart Goetzel
Wendell Grace Herrington
Mary Jane McGregor
Roland William Manske
Jewel West Miller
Fatsy Joy Montgomery
Margaret Ellen Newlin
Frances Adele Spencer
Donald Anthony Walker
Erma A. Wierth

Regular Session, 1952-53

Senior Membership
John W. Arnn
John D. Brantley
Iris Brite
Kathleen Burnett
Wilma Lee Clarida
Marlene Delavan
Kaleen Ellinson
Cleburne L. Farr
V. Ann Frazier
Marcell McCoury Hancock
Beatriz Hernandez
William B. Hodges
Hugh L. Lewis
Claire Norwood
Artice Patschke
Vera A. Salinas
Fred W. Sanders
Maxine B. Sanders
Clareye Scott
Earl H. Slay
Clifton Seifert
Agnes Slaughter
Theresa Telpert
Arnold B. Thigpin, Jr.
Leila Mae Wiegand
Richard Wolfe

Junior Membership
Jerald Dean Chilson
Beverly Bess Clark
Billy Clitheroe
Jeanette Ann Cordes
Billie Jo Cryer
Elizabeth Hollek
Beth LeFeste
Linda McCanlis
Leon Martinez
William B. Preece
Leroy Henry Schneider
Joe M. Scott
Mary Lou Skeen
Charles M. Thompson
Alyce Wahler
Ruth Marie Wassermann