Southwest Texas State Teachers College
SAN MARCOS, TEXAS

MEMBER OF
AMERICAN ASSOCIATION OF COLLEGES FOR TEACHER EDUCATION
SOUTHERN ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS

Fifty-fifth Annual Catalog
For 1957-58
(Being a Supplement to the Annual Catalog for 1956-57)
This bulletin is a supplement to the General Catalogue for 1956-57, 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, and courses as set forth in the catalogue for 1956-57 continue in full effect with the following exceptions:

1. Fees for 1957-58 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. The course of study captioned Curriculum for Speech Therapists Leading to the Degree of Bachelor of Science in Education With Provisional Certification in Speech Therapy and in Elementary Education is new. A full statement of the requirements for graduation with the master's degree will be sent upon request.

Note—Freshman who, upon examination demonstrate language difficulties, notably those who enter with bi-lingual backgrounds, may be required to enroll in special sections of English 11 and Speech 13. Such special sections will be identified in the printed schedule as English 11x and Speech 13x. Students evidencing such language difficulties may be required also to enroll for Reading 13.

3. The following courses listed in the catalogue for 1956-57 have been discontinued:
   Art 115; Business Administration 249; Economics 117; Education 147, 157, 210; Government 123; History 212; Home Economics 375; Physics 149; Speech 119, 121, 141, 245, 289.

4. The following courses listed in this bulletin are new:
   Agriculture 214, 215, 340; Art 165; Biology 310, 399; Chemistry 225; Economics 121; Geography 129; Government 130; History 138, 149, 151; Speech 31, 263, 269, 271, 273, 301, 361, 399.

5. The following listed in this bulletin are new only in the sense that they represent revisions of courses identified in the catalogue for 1956-57 by the numbers parenthetically indicated after the respective courses:
   Business Administration 235 (249); History 118 (212); Industrial Arts 210 (Education 210); Physics 145 (149); Speech 61 (119), 161 (121), 167 (141), 189 (289), 267 (245).

6. The Mary Louise Price scholarships in Speech Therapy have been established to encourage qualified students to enter this profession. Three annual scholarships of $50.00 each will be awarded students completing their first basic three-semester hour course in Speech Correction at the Southwest Texas State Teachers College. Candidates will be recommended by the Director of the Speech and Hearing Clinic.

7. The members of the instructional staff identified in this bulletin are those constituting the Faculty for 1956-57.
SOUTHWEST TEXAS STATE TEACHERS COLLEGE

COLLEGE CALENDAR, 1957-58

REGULAR SESSION

1957

September 10-12, Tuesday-Thursday: Freshman Orientation and Registration.

September 12, Thursday: College Entrance Examinations.

September 13-14, Friday-Saturday: Registration of all other students.

November 9, Saturday: Alumni Meeting and Homecoming.

November 12, Tuesday: Mid-semester grades due.

November 25, Monday: Last day for filing applications for degrees to be conferred on January 26.

November 28-30, Thursday-Saturday: Thanksgiving Holidays.

December 21, Saturday: Last day of work before Christmas.

1958

January 3, Friday: Classes resume.

January 24, Friday: Last final examination in the Fall semester.

January 26, Sunday: Mid-Year Convocation and Graduating Exercises.

January 28-29, Tuesday-Wednesday: Registration for the second semester.

March 5, Wednesday: Last day for filing applications for degrees to be conferred on May 25.

March 28, Friday: Mid-semester grades due.

April 4-7, Friday-Monday: Easter Holidays.

May 25, Sunday: Baccalaureate Service, 10:30 a.m., and Graduating Exercises, 2:30 p.m.

May 30, Friday: Last final examination in the Spring semester.

SUMMER SESSION, 1958

June 3, Tuesday: Registration for first half summer session.

June 4, Wednesday: Classes begin.

June 14, Saturday: Last day for filing application for degrees to be conferred on August 22.


July 12, Saturday: First half session closes.

July 15, Tuesday: Second half session opens.

August 22, Friday, 7:30 p.m.: Baccalaureate Service and Graduating Exercises. Second half session closes.
FEES AND EXPENSES

Pursuant to the provisions of House Bill 265, Acts of the 55th Texas Legislature and the action taken by the Board of Regents, the fees and expenses indicated below take precedence over those listed on page 5 of the fifty-fifth annual catalog.

Estimated expenses for students attending Southwest Texas State Teachers College, exclusive of such variable items as clothing, 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>Matriculation Fee</td>
<td>$10.00</td>
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<td></td>
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<tr>
<td>Textbooks and Supplies (approximate cost)</td>
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<tr>
<td>Trust Fund Deposit (refundable)</td>
<td>2.00</td>
<td>2.00</td>
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</tbody>
</table>

*Payment of Fees. All fees and deposits are payable at the time of registration, and a student is not registered until his fees are paid in full. Payment may be made in check or in money order payable to Southwest Texas State Teachers College. If checks or drafts are returned unpaid for any cause other than the admitted error of the bank, the student must pay in cash immediately or withdraw from the college. Students whose checks have been dishonored may be required to pay in cash thereafter.

The fee of $68.50 payable at the beginning of each semester includes the statutory tuition fee of $50.00; the building use fees of $8.50; and the matriculation fee of $10.00. The payment of these fees entitles the student to admission to classes in accordance with the provisions of this catalog, admission to auditorium and athletic attractions, subscription to the "College Star," use of the Student Union facilities, health services, Sewell Park facilities, and partial purchase of the "Pedagog." These fees also help provide funds for the Student Senate, Band, Orchestra, A Cappella Choir, Dramatics, Debate, and other student activities.

Tuition Fee for Non-Residents: Pursuant to provisions of House Bill 265, enacted by the 55th Legislature of Texas, and the action taken by the Board of Regents, tuition fees for students who are not residents of Texas have been established as follows:

1. For each semester $125.00, or $250.00 for a school year of nine (9) months.
2. For a summer term of six (6) weeks the fee shall be $62.50, or $125.00 for the twelve (12) weeks session.

Extension and Correspondence Instruction: Pursuant to the action taken by the Board of Regents, the fee for extension and correspondence instruction is $10.00 per semester hour payable in advance. There is an examination fee of $2.00 for each correspondence course. These fees take precedence over those indicated on pages 39 and 40 of the fifty-fourth annual catalog.

*The College reserves the right to change fees in keeping with the acts of the Texas State Legislature.
FEES AND EXPENSES

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

Fees

<table>
<thead>
<tr>
<th></th>
<th>Per Semester (18 wks.)</th>
<th>Per Year (36 wks.)</th>
</tr>
</thead>
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<tr>
<td>Matriculation Fee</td>
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<td>Textbooks and Supplies</td>
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<tr>
<td>(approximate Cost)</td>
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<tr>
<td>Trust Fund Deposit (refundable)</td>
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<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

*Payment of fees. All fees are payable at the time of registration, and a student is not registered until his fees are paid in full. Payment may be made in check or in money order payable to Southwest Texas State Teachers College. If checks or drafts are returned unpaid for any cause other than the admitted error of the bank, the student must pay in cash immediately or withdraw from the college. Students whose checks have been dishonored may be required to pay in cash thereafter.

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 matriculation fee of $9.00. The payment of these fees entitles the student to admission to classes in accordance with the provisions of this catalog, admission to auditorium and athletic attractions, subscription to the "College Star," use of the Student Union facilities, health services, Sewell Park facilities, and partial purchase of the "Pedagog." These fees also help provide funds for the Student Senate, Band, Orchestra, A Cappella Choir, Dramatics, Debate, and other student activities.

The physician and nurses are available for consultation, and direct the medical services of the College. The student fees also provide 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 of its own infirmary, of students due to accidents occurring in activities which are not sponsored or sanctioned by this institution.

Tuition Fee for Non-Residents: Pursuant to provisions of House Bill 507 enacted by the 50th Legislature of Texas 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 a summer term of six weeks the fee shall be $25.00, or $50.00 for the twelve weeks session.

*The College reserves the right to change fees in keeping with the acts of the Texas State Legislature.
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.

Fee for Late Registration. A late registration fee of $1 will be charged all undergraduate students who register after the sixth day of any semester, provided that the Registrar may waive such fee if the late registration was dictated by circumstances deemed by him to be beyond the student's control.

Fee for Schedule Changes. A fee of $1 will be charged for each change in the schedule of an undergraduate student after that schedule has been filed, except when such change is dictated by circumstances deemed by the Registrar to be beyond the student's control.

A.F.R.O.T.C. Property Deposit. 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.

FEES DEPENDENT ON SPECIAL COURSES

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
- Practice Fee ____________________________ 2.00 per semester

For Non-Music major or minor, applied music lesson fee ________________________ 8.00 per semester

General Science 111-112 ___________________ 1.00 per semester
Biology 113 ______________________________ 2.50 per semester
Biology 119 ______________________________ 3.00 per semester
Biology 221-222 __________________________ 5.00 per semester
Other Biology Courses ___________________ 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
Art Science _______________________________ 7.00 per long session
Typewriter Rental _________________________ 1.00 per semester
Scattered Practice Teaching (payable in full upon initial registration) __________ $50.00 per long session
Education 321-322 _________________________ 2.00 per semester
Certificate (payable when applying for certificate) ______ 1.00
Diploma Fee (payable when applying for degree) _____ 5.00
Diploma Fee (payable when applying for 2-year diploma) _____________________________ 1.50

The Air Force R.O.T.C. fee of $7.00 payable at the time of the first registration for each long session is to help cover the cost of issuing, receiving, and record keeping of uniforms and books to students.

Refund of Fees. A student who withdraws officially, and submits 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 and fees; 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. No refunds will be made where the amount is less than $1.00.

The same time and percentage schedule will apply should a student reduce his semester hours registration sufficiently to be entitled to a 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 and fees. A student who withdraws after the first week will not be entitled to a refund.

No refund of tuition and fees will be made in cases where students are requested to withdraw.

The College Lair. 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.

ROO M AND BOARD

<table>
<thead>
<tr>
<th>Per Installment</th>
<th>Per Semester (18 wks.)</th>
<th>Per Year (36 wks.)</th>
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<tr>
<td>Dormitories for Women:</td>
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</tr>
<tr>
<td>Beretta Hall (Upperclass)</td>
<td>$58.00</td>
<td>$232.00</td>
</tr>
<tr>
<td>Commons Hall (Upperclass)</td>
<td>58.00</td>
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<td>Freshman Hall</td>
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<td>Retama Hall* (Freshman)</td>
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<td>Co-operative Houses for Women:</td>
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<tr>
<td>(All classifications)</td>
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<tr>
<td>Hornsby Hall</td>
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<td>Northside Hall</td>
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<td>152.00</td>
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<tr>
<td>Pickard Hall</td>
<td>38.00</td>
<td>152.00</td>
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<tr>
<td>Dormitories for Men:</td>
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<tr>
<td>Harris Hall (Freshman)</td>
<td>58.00</td>
<td>232.00</td>
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<tr>
<td>Men's New Dorm (Upperclass)</td>
<td>58.00</td>
<td>232.00</td>
</tr>
<tr>
<td>Sayers Hall (Upperclass)</td>
<td>58.00</td>
<td>232.00</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 is required on or before the date of registration, and the other three payments on or before:

- October 10
- November 10
- December 10

For the spring semester the first payment is required on or before the day of registration and the other three payments on or before:

- February 20
- March 20
- April 20

*Air conditioned
Students not residing in College dormitories may secure board at the College Dining Hall at the rate of $160.00 per semester, payable in four installments in accordance with the schedule indicated above, or they may purchase single meals from the college cafeteria.

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

Married students may secure one, two and three-bedroom apartments at the Riverside Homes from $22.50 to $37.50 per month, which includes all utilities.

The College also has available a limited number of apartments for married couples on the campus. In addition, a large housing unit consisting of furnished and unfurnished apartments of different sizes, easily accessible to the campus, furnishes housekeeping facilities at moderate rates.

All applications for college housing should be addressed to the Office of Personnel. An application fee of $10.00 is required when the application blank is returned. It is requested that applications be made far enough in advance of the semester to insure adequate accommodations. Reservation is not complete until both application and deposit have been received in the Personnel Office and the applicant is notified that a room has been reserved. The deposit is returnable if cancellation is received in the Personnel Office according to the following schedule:

- Fall Semester—on or before August 15
- Spring Semester—on or before January 4
- Summer—1st 6 weeks—on or before May 15
- Summer—2nd 6 weeks—on or before July 1
- Workshops—One week prior to the first session of the workshop.

Withdrawal from the residence hall during a semester will ordinarily mean forfeiture of room deposit.

Note.—Students who receive special permission from the Personnel Office to arrive at the College more than one day prior to the time they are expected to be here may secure their rooms at the rate of $1.00 per day and may purchase their food in the College cafeteria or elsewhere.

Refunds. Any student who withdraws officially from the College or who is granted permission to live off the campus may receive a refund of 90% of the unexpired portion of the room and board payment for the current installment period, provided that no refunds shall be made in cases where students withdraw from the College or are permitted to live off the campus within five days of the end of the current installment period. 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. Any payments made for room and board beyond the current installment period may be refunded 100% upon official withdrawal and request.

Room and board charges continue until the student has officially changed his residence. Any arrearages must be settled in accordance with this refund policy.
SOUTHWEST TEXAS STATE TEACHERS COLLEGE

MEMBERS

1956-57

Jack Woodward, President _________________________________ Dallas
Frank E. White, Vice-President __________________________ Cleveland
Charles P. McGaha ______________________________________ Wichita Falls
H. L. Mills .................................................................. Houston
W. L. Kerr .................................................................... Midland
W. H. Frank Barnes .......................................................... Terrell
Miss Elizabeth Koch ........................................................ San Antonio
Henry Sears .................................................................... Hereford
Claude Isbell, Secretary ...................................................... Austin

OFFICERS OF ADMINISTRATION

GENERAL OFFICERS

1956-57

JOHN GARLAND FLOWERS, Ph. D. ___________________ President
ALFRED HENRY NOLLE, Ph. D. .......................... Dean of the College
CLAUDE ELLIOTT, Ph. D. .......................... Dean of Graduate Studies
JOE H. WILSON, Ph. D. ........................................... Registrar
PATRICK HENRY NORWOOD, Ph. D. .................. Director of Public Service
JEROME C. CATES, M. B. A. ....................... Business Manager
MARTIN O. JUEL, Ph. D. .......................... Dean of Students
EDWARD ORLANDO WILEY, Ph. D. ........................ Director of Teacher Training
LEONARD B. AMBOS, M. S. ....................... Director of Audio-Visual Education
JEROME W. STONE, Ph. D. ............................ Associate Dean of Students and
Director of Men's Housing
MARJORIE STEWART, A. M. .............................. Associate Dean of Students and
Director of Women's Housing
LUVERNE WALTON, A. M. .............................. Associate Dean of Students and
Director of Student Life

ASSISTANTS

Clara E. Taylor ................................................... Secretary to the President
Margaret Metcalf Wilson .................. Secretary to the Dean of the College
Hattie Roberts, A. M. ........................ Secretary to the Dean of Graduate Studies
Peggy B. Bartholomew ........................ Secretary to the Registrar
Nora Gaines .................................................. Secretary to the Dean of Students
Blanche Olds Nix ................................. Secretary to the Director of Public Relations
Helen Carleston ................................. Secretary to the Business Manager
Frances Wilson Gilbreth ................. Secretary to Publications Office
Delight M. Tassin, A. M. .......................... Auditor, Business Office
William E. Jordan, B. B. A. ........................ Auditor, Business Office
Edward G. Cline ........................................ Purchaser, Business Office
Bob Kercheville ....................................... Manager of The Lair
Henry M. Worley ______________________ Bookkeeper, Business Office
Charlene Jennings ______________________ Clerk, Business Office
Edith Gunn ______________________________ Cashier, Business Office
William T. Calloway ____________________ Property Custodian
Doylene Hazlett _________________________ Clerk, Registrar's Office
Virginia Grandy ________________________ Clerk, Registrar's Office
Eleonore A. Evans ______________________ Clerk, Registrar's Office
Adeline Neighbors, B. L. S. _____________ Reference Librarian
Mary Jo McDonald ______________________ Assistant Reference Librarian
Florence Harper, B. S. __________________ Cataloguer, Library
Isabelle Meyer, B. S. ____________________ Library Binder
Selma W. Ottmers, B. A. __________________ Assistant Reserve Librarian
Ethel Davis ______________________________ Assistant Reserve Librarian
Lillian Thomas, B. A., B. S. _______________ Director of Museum
Hertha Kuehn Bowlin, R. N. _______________ College Nurse
Jeanette Reynolds _________________________ Director of Laurel Hall
Martha Dillon ____________________________ Director of Sallie Beretta Dormitory
Jewel Posey ______________________________ Director of Retama Hall
Esther Barremore _________________________ Director of Commons Dormitory
Millie Henderson __________________________ Director of New Co-Op
Blanche Esslinger _________________________ Director of Pickard Hall
Leila M. Mason ___________________________ Director of North Side Co-Op
Helen M. Groom __________________________ Director of Gary Street Dormitory
Herbert H. Hannon _________________________ Director of Harris Hall
Charles Newton Williams ___________________ Director of Men's New Dormitory
Otto Maeker ______________________________ Director of Sayers Hall
Vernon McDonald __________________________ Director, Gymnasium Dormitory
Alfred B. French __________________________ Director of Riverside Homes
Helen Menna ______________________________ Secretary to Director of Maintenance
Johnnie Oliver ______________________________ P. B. X. Operator
Annice Allen ______________________________ P. B. X. Operator
Virgie Key __________________________________ College Postmistress

INSTRUCTIONAL CHAIRMEN

Albert E. Hughes, Lt. Col., USAF __________ Air Force ROTC
Tollie Raymond Buie, Ed. D. _______________ 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
Leiland Eugene Derrick, Ph. D. ______________ English
Alfred Henry Nolle, Ph. D. __________________ German
Onah Jacks, Ed. D. _________________________ Home Economics
Victor L. Bowers, Ph. D. _____________________ Industrial Arts
Joe B. Vogel, A. M. _________________________ Journalism
Don Cude, A. M. _____________________________ Mathematics
Mary G. Buchanan, A. M. (Acting) __________ Music
Martin O. Juel, Ph. D. ______________________ Health & Physical Education
Oscar W. Strahan, M. Ed. ___________________ Director of Physical Education for Men
Jean Amelia Smith, P. E. 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-French
Elton Abernathy, Ph. D. ______________________ Speech
ADMISSION AND GRADUATION REQUIREMENTS

ADMISSION REQUIREMENTS

Admission by Graduation from High School. Beginning with the Fall semester of the academic year 1957-58, students of freshman classification will be admitted under the following conditions:

1. They shall have graduated from an accredited high school with at least 15 units including 3 units in English, 2 in mathematics, 2 in social science (including at least one unit in history) with electives sufficient to make 15.

2. All applicants for admission who rank in academic achievement in the upper one-half of their high school graduating class and who have met the requirements under No. 1 will be accepted upon submission of their high school credentials.

3. All such applicants who, in academic achievement, fall in the lower one-half of their high school graduating class must present themselves in person with their high school credentials on the College campus prior to registration where they will be interviewed by an Admissions Committee to determine their qualifications for achieving a satisfactory college record. This committee may decide that, in the instance of a given student, a qualifying examination is necessary for admission.

4. All students who, in academic achievement, fall in the lowest one-fourth of their high school graduating class are not encouraged to apply for admission; if they do wish to apply, they must satisfactorily pass an examination prescribed by the Admissions Committee and, if admitted, be placed on probation subject to conditions to be agreed upon.

Note: High school graduates otherwise adjudged eligible to be admitted to the freshman class but who do not include in the 15 units described for admission one or two of the seven units specifically identified may be admitted conditionally, the condition 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, at the time of their initial enrollment in the College, to evidence competency in mathematics equivalent to the above stated entrance requirement to be demonstrated by tests on techniques and information in the subject. Students who fail thus to remove the entrance condition in mathematics may be required to offer toward graduation the credit earned in Mathematics 11 in addition to the 128 semester hours normally required for graduation.

High schools inspected and approved by the Texas Education Agency are listed in the annual directory issued by the Agency. Units offered for admission must be found in the directory of even dated years.

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.

Entrance examinations are held in May and September. The May examination is administered by the Texas Education Agency, the Septem-
ber examination by the College. Additional examinations may be ar-
anged if found desirable.

Admission Upon Individual Approval. Applicants over twenty-one
years of age may be admitted by special permission of the Registrar pro-
vided they present evidence of sufficient ability and determination to
pursue college work. Students so admitted may satisfy their college en-
trance requirements by the completion of at least 30 semester hours of
college work, of which six must be in English, six in the social sciences,
and either six hours in physical science, or six hours in mathematics,
and provided they make an average grade of "C" or above on the 30
hours of work completed.

Admission of Veterans. Any student who has served in the Armed
Forces of the United States may be admitted by special permission of
the Registrar subject to the regulation governing admission upon indi-
vidual approval as it applies to other applicants, provided he is 18 years
of age or over.

Credits from Other Institutions. Credit to be allowed for work done
in any college or university is determined by the Registrar of the Col-
lege upon the basis of a transcript of such work signed by the proper
authority, provided that the applicability of such credit toward gradu-
ation will be determined by the Dean of the College in accordance with
the requirements of the student's degree program. Moreover, the stu-
dent must file separately a transcript of his high school credit unless
such high school credit is entered on the official transcript of his col-
lege work.

CERTIFICATE REQUIREMENTS

Effective September 1, 1955

Teachers in Texas elementary and secondary schools are required by
law to hold a valid Texas teacher's certificate for the grade level, spe-
cialization area, or position to which they are assigned.

Any person who, prior to September 1, 1955, enrolled in a teacher
education program leading to a bachelor's degree in an institution of
higher learning approved for teacher education by the State Board of
Education, may continue the program and obtain the type certificate to
which the preparation entitled him when his college program was start-
ed. These certificates then may be converted to the certificate most
comparable under the new certification program.

Any person enrolling for the first time, subsequent to September 1,
1955, in a program of teacher education at an institution of higher learn-
ing approved for teacher education by the State Board of Education, may
become eligible for either of two types of valid teachers' certificates:
the Provisional Certificate and the Professional Certificate. Each cer-
tificate will show on its face all the specialization areas in which the
certificate holder has qualified at the time of issue. Both certificates
are valid for life unless cancelled by lawful authority.

Provisional Certificate. To be eligible for the Provisional Certifi-
cate the applicant must meet the following requirements:

1. Hold a bachelor's degree from and be recommended by an in-
stitution of higher learning approved for teacher education by
the State Board of Education.
2. For Vocational Trade and Industrial or Distributive Education, three years of recent work experience in the occupational field designated on the face of the certificate.

3. For Driver Education designation, the following additional requirements shall be met:
   a. Hold a valid Texas driver's license.
   b. Have a safe driving record.
   c. Have a broad background of experience in driving.

4. Have completed one or more of the approved programs in the following areas of specialization:
   - Elementary, grades 1-8 (includes kindergarten and grade 9 of junior high schools)
   - Junior High, grades 6-10
   - Secondary, grades 7-12
   - Special Subjects, all grades: Art, Health and Physical Education, Music, Speech-Drama
   - Areas approved in the Minimum Foundation Program Act: Librarian, Teachers of Exceptional Children (blind, physically handicapped, deaf, retarded, speech correction), Vocational Agricultural Education, Vocational Distributive Education, Vocational Homemaking Education, Vocational Trade and Industrial Education.
   (Driver Education designations shall be in addition to one of the above teacher designations.)

5. Be of good moral character.

6. Be a citizen, or in the process of becoming a naturalized citizen, of the United States.

7. Believe in and uphold the Constitutions of the United States and the State of Texas.

8. Have completed in a Texas institution of higher learning, a course or courses in which the Constitution of the United States and of the State of Texas have been given special emphasis.

9. Have completed at least six semester hours in American History, or three semester hours of American History plus three semester hours of Texas History.

10. Pay an application fee of $2.00.

The areas in which the College offers programs leading to the Provisional Certificate are those represented by the teaching majors and teaching minors offered by the respective Departments.

Professional Certificate. The Professional Certificates provide for designations paralleling those for the Provisional Certificates plus the following professional service positions or areas approved under the Minimum Foundation Program Act:

- Counselor
- Principal
- Superintendent
- Supervisor
- Visiting Teacher
To be eligible for the Professional Certificate the applicant must meet the following requirements:

1. Have completed an approved program of at least 30 semester hours of graduate work beyond the bachelor's degree requirements at an institution of higher learning approved for graduate teacher education by the State Board of Education.

2. Have had three years of teaching experience.

Students interested in pursuing a program leading to the Professional Certificate should consult with the Dean of Graduate Studies in reference to the specific requirements obtaining as they affect them.

The certificate requirements are set forth in detail in Bulletin No. 573, 1955, issued by the Texas Education Agency. It sets forth certain exceptions that obtain in the instance of the requirements for the Provisional Certificate to teach Vocational Trade and Industrial courses and for a teacher's certificate valid in the specialization area of the school nurse.

**GRADUATION REQUIREMENTS IN GENERAL EDUCATION**

All candidates for graduation with the bachelor's degree (except to the extent contra-indicated under the curriculum leading to the degree of Bachelor of Science in Vocational Agriculture) are required to offer toward graduation a total of 52 semester hours of work in General Education—courses affording "common backgrounds and foundations of our social and cultural heritage"—distributed as follows:

I. SOCIAL SCIENCES, 12 semester hours:
   - History 31, 32. **History of America.** (3-0). Credit, 3 hours each.
   - **NOTE:** Students majoring in the Social Sciences and those enrolled under the curriculum for elementary teachers will offer History 61, 62, **History of the United States Since 1492**, in lieu of History 31, 32.
   - Government 61, 62. **American Government.** Credit, 3 hours each.

II. HUMANITIES, 10 semester hours:
   A. Literature, 6 semester hours:
      - English 61, 62. **Sophomore Literature.** (3-0). Credit, 3 hours each; or
      - English 63, 64. **World Literature.** (3-0). Credit, 3 hours each; or
      - English 67, 68. **Masterpieces.** (3-0). Credit, 3 hours each.
   B. The Arts, 2 semester hours:
      - Humanities 113, **Interrelationships of the Arts I.** (2-2). Credit, 2 hours. The purpose of this course is to introduce students to representative achievements in the visual arts, music, and drama; to teach them what to look for in such humanistic works; how to analyze and to appreciate the inter-relationship of the individual works they examine, and to make intelligent and sensitive judgments concerning them.
   C. Philosophy or Religion or Bible, 2 semester hours:
      - Humanities 101, **Philosophies Men Live By.** (2-0). Credit, 2 hours. In this course the great philosophical concepts
which through the years have challenged the best thoughts of men and have contributed to the fulfillment of the good life will be examined. Emphasis will be placed upon the applicability of those concepts to human life in our time and to the development of intellectual perspective; or

Any course in Religion or Bible offered by a Bible Chair with the endorsement of the College.

III. SCIENCE AND MATHEMATICS, at least 9 semester hours:
Science, at least 6 semester hours. (See note.)

Mathematics 11. Algebra I. (3-1). Credit, 3 hours.

Note: Students enrolled under the curriculum for elementary teachers will meet the graduation requirement in laboratory science by enrolling for Biology 57 and General Science 111, 112. All other students whose curricular requirements do not call for laboratory science in the fields of both the biological and the physical sciences will be expected to elect courses in science in accordance with the following regulations: Those who offer no credit in science in partial fulfillment of the requirements for entrance to college must enroll in courses in both the biological and the physical sciences; those who offer credit in General Science may enroll for either a course in biological or a course in physical science; those who offer entrance credit in Biology only must enroll for a course in physical science; those who offer entrance credit in a physical science only must enroll for a course in biological science.

IV. COMMUNICATIONS, 9 semester hours:

English 11, 12. Reading and Writing. (3-0). Credit, 3 hours each.


V. HEALTH AND PHYSICAL WELL-BEING, 4 semester hours.

VI. OTHER COURSES, to make the required total of 52 semester hours, chosen from the following subjects or fields of subject matter:

Humanities 102. Great Movements of Thought. (2-0). Credit, 2 hours. In this course great movements of thought will be examined which have taken the form of religious, scientific, or philosophical statements. Emphasis will be given to those ideals that prevail in our time and our world today more than to purely historical systems. There will be strong emphasis on value judgments and the development of a personal philosophy which will best serve the individual's needs in the contemporary world.

Prerequisite: Humanities 101 with a grade of A or B and approval of the instructor.

Humanities 115. Interrelationships of the Arts II. (2-2). Credit, 2 hours. The purpose of this course is to provide the student with opportunities to experi-
ment in the visual arts, music, and drama so that he may recognize the creative process in himself and develop the ability to make intelligent and sensitive judgment of the humanistic work found in these arts.

Humanities 117. Contemporary Living. (2-2). Credit, 2 hours. This course is an integration of the practical arts: Art, Home Economics, and Industrial Arts. It is developed around the facets of the home, and is designed to develop the practical aspects of one's general education.

Additional courses in Religion or Bible.

Foreign Language, 8 semester hours.

A second laboratory science (Biology, if the first was Chemistry or Physics and vice-versa).

The validity of credit earned in other subjects toward meeting the graduation requirement in General Education will be determined in terms of the total structure of the student's course of study at the time he has his degree outline made.

Reading

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. Each course will require a minimum of thirty-six hours of laboratory work plus occasional outside reading assignments.

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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. 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. Training in comprehension 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. 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.
CURRICULUM FOR ELEMENTARY TEACHERS LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

Freshman year: English 11, 12; Speech 13; History 11, 12; Art 13; Music 11; Mathematics 11; Physical Education Activities, two semester hours; electives to make a total of 32 semester hours for the year. The electives should include, preferably, subjects selected from the following as dictated by the student's choice of concentrations: Art 15; Physical Education 18, 19, 41, 42; Music 1, 2, 12; Geography 13; Spanish 13, 15; Speech 15, 18.

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

Junior year: Education 110, 123; English 135; General Science 111, 112; Health Education 175; other subjects, including minors and, unless previously absolved, Government 61, 62, 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.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

During the junior and senior years students will be expected to complete a total of 64 semester hours work, provided that of the 128 required for graduation 40 hours must be advanced. They will, moreover, be expected to offer in partial fulfillment of the requirements for graduation either (a) two concentrations or minors selected from the teaching fields listed below made up of the subjects respectively indicated, or (b) one such concentration and two courses selected from the following, if not included in the concentration chosen: Art 123, Biology 251, Industrial Arts 159, Mathematics 200, Music Education 57, Physical Education 115, Speech 157.

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, Physical, and Safety Education.

A. Health and Physical Education for Women (preferably in the sequence indicated): Physical Education Activities 1, 2, Physical Education 18, 19 (in the freshman year); Physical Education Activities 8, 10, Physical Education 98, 99, Health Education 24 (in the sophomore year); Physical Education 45, 115, Health Education 175 (in the junior year); Physical Education 149, 214 (in the senior year).

B. Health and Physical Education for Men: Physical Education 41, 42, 54, 113, 115, 251; Physical Education Activities, 6 semester hours.

C. Health and Safety Education: Physical Education Activities, 4 semester hours; Physical Education 54, Health Education 138, 140, 148, 175, and two courses selected from the fol-
lowing: Physical Education 137 (if preceded by Biology 51, 52 or 61, 62), 147; Industrial Arts 118.

IV. Library Science—113, 117, 123, 127.

V. Music—Music 1, 2, (or 67); 11, 12; Applied Music, 4 semester hours (normally, Piano, 2 hours and Voice, 2 hours); Ensemble (normally Chorus) 2 semester hours; Music Education 107, 143; Humanities 113.

VI. Science (and Mathematics)—Biology 57, General Science 111, 112, and either (a) nine semester hours of additional Science or (b) Geography 13 or 57; Government 61, 62; and (a) two courses in history selected, preferably from History 111, 112, 121, 143, or (b) six semester hours of advanced work in Geography.

VII. Social Science—History 11, 12, 61, 62; Sociology 67; Geography 13 or 57; Government 61, 62; and (a) two courses in history selected, preferably from History 111, 112, 121, 143, or (b) six semester hours of advanced work in Geography.

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

IX. Speech

A. Normal Concentration: Speech 13 (unless excused), 15, 18, 137, 157, 285, 287, and preferably, 57.

B. Auditorium or Elementary Speech Teacher: Speech 13 (unless excused), 15, 18, 57, 137, 157, 285, 287.

C. Speech Correction: Students who wish to make a concentration in the area of Speech Correction should enroll under the curriculum for Speech Therapists leading to the degree of Bachelor of Science in Education with provisional certification in Speech Therapy and in Elementary Education.

Art 123, Biology 251, Geography 13 or 57, Industrial Arts 159, Mathematics 200, Music Education 57, Physical Education 115, and Speech 157 are recommended as elective courses. Other elective courses must be chosen with the consent of the proper adviser.

**CURRICULUM FOR SPEECH THERAPISTS LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION WITH PROVISIONAL CERTIFICATION IN SPEECH THERAPY AND IN ELEMENTARY EDUCATION**

Freshman year: English 11, 12; Speech 13 or 15, 31; History 11, 12; Art 13 or Music 11; Mathematics 11; Physical Education Activities, 2 semester hours; electives to make a total of 32 semester hours for the year.—Recommended elective for students not offering entrance credit in typing: Business Administration 23.

Sophomore year: Education 53, 67; English 63, 64; Speech 57, 61; History 61, 62; Biology 57; Music 11 or Art 13; Physical Education Activities, 2 semester hours.

Junior year: Education 110, 123; Speech 125, 167, 189; General Science 111, 112; Government 61, 62; Humanities 101 (or 2 hours in Bible or Religion), Humanities 113; Education 154 or English 135 or Health Education 175.
Senior year: Education 115 or 260 or 276, and 281, 282; Speech 267 and 161 or 201 or 269 or 271; English 110; other subjects, 12 semester hours, including, unless previously absolved, Education 154, English 135, Health Education 175, and any courses needed to satisfy the total graduation requirement in General Education.

On completion of the course of study as outlined the student will be entitled to receive a provisional certificate in the area of Speech Correction and also a provisional certificate to teach in the elementary schools of the State (grades 1-8) and in kindergartens and in grade 9 of the junior high schools provided (a) that the Directed Teaching required for certification must be done in the elementary grades in an area or areas other than Speech Correction and (b) that the student must meet also the provisions of Section 4 of the 1955 Law of Certification of School Personnel (Vernon's Ann. Civ. St. Article 2891b).

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

Freshman year: English 11, 12; Speech 13; History 31, 32; Mathematics 11; Physical Education Activities, two semester hours; other subjects (including, preferably, biology, chemistry or physics as required six or eight hours) to make a total of 32 semester hours for the year.

Note: Students intending to make a major or minor of the Social Sciences are expected to enroll for History 11, 12 in the freshman year and to substitute History 61, 62 or 6 hours of advanced American History for History 31, 32.

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, six or eight hours) to make a total of 32 semester hours for the year.

Junior year: Education 111, 163; 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.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

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.

If not prescribed by departmental regulation a major consists of at least 24 semester hours of which at least 12 hours must be advanced; a minor of at least 18 semester hours of which at least six hours must be advanced.
All majors and minors must be chosen not later than the beginning of the junior year with the advice of the head of the department in which the student elects to major, subject to final approval by the Dean of the College.

Of the 64 semester hours of work that the student will be expected to complete during the junior and senior years a part of the 128 hours required for graduation 40 hours must be advanced.

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

**Freshman year:** English 11, 12; Speech 13; History 31, 32; Mathematics 11; 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 the curriculum to absolve the following courses of freshman and sophomore rank in addition to those in speech, English, history, mathematics, and physical education activities indicated: 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, eight 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.

Note: Students intending to make a major or minor of History are expected to enroll for History 11, 12 in the freshman year and to substitute History 61, 62 or 6 hours of advanced American History for History 31, 32.

**Sophomore year:** English 61, 62 or 63, 64 or 67, 68; 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, minor, 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, minor, and electives, to make the total of 128 semester hours required for graduation.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

**Majors and Minors.** The courses making up the academic major offered in partial fulfillment of the requirements for the degree of Bachelor or 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 minor a teaching minor; art, business administration, economics, English, geography, German, government, history, journalism, mathematics, music, health and 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 minor a teaching minor; biology, chemistry, physics, provided that it may be Mathematics if the student makes the minor Biology or Chemistry or 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.

If not prescribed by departmental regulation a major consists of at least 24 semester hours of which at least 12 hours must be advanced; a minor of at least 18 semester hours of which at least six hours must be advanced.

All majors and minors must be chosen not later than the beginning of the junior year with the advice of the head of the department in which the student elects to major, subject to final approval by the Dean of the College.

Of the 64 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, 40 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, 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: English 11, 12; Speech 13; Home Economics 11, 12, 21, 22; Chemistry 13; Biology 13; Mathematics 11; Physical Education Activities, two semester hours.

Sophomore year: Education 53, 67; English 61, 62 or 63, 64 or 67, 68; History 61, 62; Chemistry 77; Biology 63; Home Economics 63, 67; Physical Education Activities, two semester hours.

Junior year: Education 111, Home Economics Education 143, Home Economics 103, 123, 132, 137; Economics 67; Government 61, 62; an additional subject to make a total of at least 30 hours for the year.
Senior year: Home Economics Education 193, 291, 292; Education 229; Home Economics 113, 133; Industrial Arts 115; other subjects to make the total of 128 semester hours required for graduation.

Advanced courses must total 40 semester hours.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

B. General Homemaking Curriculum

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

Sophomore year: Education 53, English 61, 62 or 63, 64 or 67, 68; History 61, 62; Chemistry 77; Biology 63; Home Economics 63, 67; Physical Education Activities, two semester hours; and an additional subject, preferably Economics 67, to complete a total of 34 semester hours for the year.

Junior year: Home Economics 123, 132, 137; Government 61, 62; other subjects, including a minor and, unless previously absolved, Economics 67, to make a total of at least 30 semester hours for the year.

Senior year: Home Economics: nine semester hours of advanced work, Industrial Arts 115, other subjects, including a minor, to make the total of 128 semester hours required for graduation.

Advanced courses must total 40 semester hours.

Note: The electives must include Humanities or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education. They may include either Education 67 or Education 111 (provided it is preceded by Home Economics 137) but no other courses in Education.

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

Freshman year: English 11, 12; Speech 13; History 31, 32; Industrial Arts 13, 17, 21, 33; Mathematics 11; Physical Education Activities, two semester hours; additional work 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; biology, chemistry or physics, six or eight semester hours; Industrial Arts 15, 65, 75, 79; Physical Education Activities, two semester hours.

Junior year: Education 111, 163; Government 61, 62; 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, six semester hours including Industrial Arts 127; other subjects including, preferably, a teaching minor, to make the total of 128 semester hours required for graduation.

Note: The electives must include Humanities 101 or a course in
Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

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 a course in Ceramics and Crafts.

Of the 64 semester hours of work that the student will be expected to complete during the junior and senior years as part of the 128 hours required for graduation 40 hours must be advanced.

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

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

**Freshman year:** English 11, 12; History 31, 32; Chemistry 11, 12; Agriculture 13, 33, 45; Mathematics 11; Physical Education Activities, two semester hours.

**Sophomore year:** Education 53; Speech 13; English 67 or 68; Biology 11, 12; Agriculture 61 or 75, 67, 73, 77 or 79, 83; Physical Education Activities, two semester hours.

**Junior year:** Government 61, 62; Biology 113, 115; Agriculture 117, 125, 126, 129, 154; Agricultural Education 105.

**Senior year:** Agriculture 111, 151; 115 or 123 or 131 or 145; 121 or 127 or 213; 214 or 215; elective, 3 hours; Agricultural Education 202, 211, 212, 291, 292; Education 229.

Thirty hours of the work in Vocational Agriculture must be advanced.

If the student elects Air Science, it would be highly desirable that he 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.

**Note:** Students majoring in Vocational Agriculture with exclusion of the courses in Education and Agricultural Education may substitute a free elective for Agriculture 111 and will be expected to satisfy the total requirement in General Education by including in the electives thus made available to them the 3-hour unit in Sophomore English (i.e., English 67 or 68) complementing the one otherwise required of them, Humanities 101 or a course in Religion or Bible, and Humanities 113.
CURRICULA FOR THE DEGREE OF BACHELOR OF MUSIC EDUCATION

A. Curriculum for Teachers of Vocal Music:

Freshman year: English 11, 12; Speech 13; History 31, 32; Mathematics 11; Music 1, 2, 11, 12; Ensemble 1, 3; Physical Education Activities, two semester hours; Applied Music (at least one hour each semester in the primary performance area) to make a total of at least 32 semester hours.

Sophomore year: Education 53, 67; English 61, 62 or 63, 64 or 67, 68; Biology or Physics or Chemistry, six or eight hours; Music 61, 62; Applied Music, two hours each semester; Ensemble 5, 7; Physical Education Activities, two semester hours.

Junior year: Education 111, 163; Government 61, 62; Music Education 107, 143, 163; other subjects including at least one hour of Applied Music each semester and a teaching minor to make a total of at least 32 hours for the year.

Senior year: Education, 12 semester hours advanced work including Education 291, 292, 229; Music 131, 137; other subjects including courses in Applied Music to make the total of 12 semester hours required in that field and a teaching minor to make the total of 128 semester hours required for graduation.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

The 12 semester hours of work in Applied Music required in the foregoing curriculum must be represented by (a) eight hours of work in a primary performance area (private lessons in piano, organ, voice or in a band or an orchestral instrument) and (b) four hours of work in a secondary performance area (private or class lessons in a field or in fields not represented by the primary performance area). Moreover, the work in Applied Music and in Ensemble must be elected with the advice and consent of the Department of Music, provided that the student may offer toward graduation a total of four semester hours of credit additional earned in Ensemble or in Applied Music. The maximum amount of work in Music, Music Education, and Applied Music permitted toward graduation with the degree of Bachelor of Science in Education thus becomes 46 semester hours.

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

To qualify for graduation with the degree of Bachelor of Music Education under the curriculum for teachers of vocal music instead of the degree of Bachelor of Science in Education, the student must complete all of the requirements for graduation with the latter degree with a major in music with inclusion of the permissive maximum of 46 semester hours of work in the subject and in addition thereto, the following courses: Music 63, 132, 139, 257; Music Education 127 and courses 111a and 111b in the student's primary performance area (or in lieu thereof, if previously absolved, two semester hours of credit earned in other courses in Applied Music or in Ensemble.)

The minimum requirement for graduation with the degree of Bachelor of Music Education thus becomes 141 semester hours.
B. Curriculum for Teachers of Instrumental Music:

Freshman year: English 11, 12; Speech 13; History 31, 32; Mathematics 11; Music 1, 2, 11, 12; Ensemble 1, 3; Physical Education Activities, two semester hours; Applied Music (at least one hour each semester in the primary performance area) to make a total of at least 32 semester hours.

Sophomore year: Education 53, 67; English 61, 62 or 63, 64 or 67, 68; Biology or Physics or Chemistry, six or eight semester hours; Music 61, 62; Applied Music two hours each semester; Ensemble 5, 7; Physical Education Activities, two semester hours.

Junior year: Education 111, 163; Government 61, 62; Music Education 107, 153, 163; other subjects including at least one hour of Applied Music each semester and a teaching minor to make a total of at least 32 hours for the year.

Senior year: Education, 12 semester hours advanced work including Education 221, 292, 229; Music 131, 137; other subjects including courses in Applied Music to make the total of 12 semester hours required in that field and a teaching minor to make the total of 128 semester hours required for graduation.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

The 12 semester hours of work in Applied Music required in the foregoing curriculum must be represented by (a) eight hours of work in a primary performance area (private lessons in piano, organ, or in a band or an orchestral instrument) and (b) four hours of work in a secondary performance area (private or class lessons in voice or in a field or in fields other than voice not represented by the primary performance area). Moreover, the work in Applied Music and in Ensemble must be elected with the advice and consent of the Department of Music, provided that the student may offer toward graduation a total of four semester hours of credit additional earned in Ensemble or in Applied Music. The maximum amount of work in Music, Music Education, and Applied Music permitted toward graduation with the degree of Bachelor of Science in Education thus becomes 46 semester hours.

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

To qualify for graduation with the degree of Bachelor of Music Education under the curriculum for teachers of instrumental music instead of the degree of Bachelor of Science in Education, the student must complete all of the requirements for graduation with the latter degree with a major in Music with inclusion of the permissive maximum of 46 semester hours of work in the subject and in addition thereto, the following courses: Music 63, 132, 139, 257; Music Education 117 and courses 111a and 111b in the student's primary performance area (or in lieu thereof, if previously absolved, two semester hours of credit earned in other courses in Applied Music or in Ensemble.)

The minimum requirement for graduation with the degree of Bachelor of Music Education thus becomes 141 semester hours.

Note: Upon graduation with either the degree of Bachelor of Science in Education with a teaching major in Music or the degree of Bachelor of Music Education with inclusion of the subject matter pre-
scribed under the respective curriculum, a student is eligible to enroll in the Graduate School for the purpose of becoming a candidate for graduation with the degree of Master of Education with a major in Music and Music Education.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

Freshman year: English 11, 12; Speech 13; History 31, 32; Business Administration 21, 23 or 25 (not both); and either (a) 27 or (b) 31, 32 or (c) 43, 47; Mathematics 11, 19 or Biology or Chemistry or Physics as required, six or eight semester hours; Physical Education Activities, two semester hours.

Sophomore year: Education 53, English 61, 62 or 63, 64 or 67, 68; Business Administration 61, 62; Physical Education Activities, two semester hours; other subjects, including (unless previously absolved) Business Administration 27 or 57, Mathematics 11, 19, Biology or Chemistry or Physics, six or eight semester hours to make a total of at least 32 semester 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 in the subject; other subjects, to make a total of 128 semester hours required for graduation.

Note: The electives must include Humanities 101 or a course in Bible or Religion, Humanities 113, and any additional courses needed to satisfy the requirement in General Education.

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 64 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, 40 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 64 semester hours of work leads to an appropriate diploma.

First year: Speech 13; English 11, 12; History 31, 32; other sub-
jects including a concentration (described below) and preferably a six or eight hour course in science to make a total of 32 semester hours for the year.

Second year: Art 73 or Music 67; Physical Education Activities, two semester hours; other subjects, including the required concentration and a six or eight hour course in Science unless previously absolved to make a total of 32 semester hours.

Art  
Agriculture  
Biology  
Business Administration  
Chemistry  
English, Journalism, or Speech  
German  
Health and Physical Education  
Home Economics  

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, the social sciences, and speech (in the areas of speech and hearing therapy).

A full statement of the requirements for graduation with the Master's Degree will be sent upon request.
DIVISIONS OF INSTRUCTION

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. Agriculture
   2. Biology
   3. Chemistry
   4. General Science
   5. Mathematics
   6. Physics

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 and a description of each course are given in the following pages.

Note: The courses in Reading are taught under the auspices of the Division of Personnel. They are described on page 16. The courses in Humanities are offered inter-departmentally as a part of the program in General Education. They are described on page 14ff.
I. DIVISION OF EDUCATION AND DIRECTED TEACHING


Associate Professors: Joe Earl Allen, A.M.; Irma L. Bruce, A.M.; Hazel B. McCanne, Ph.D.; Everett M. Richardson, Ed.D.


Instructors: Leonard B. Ambos, M.S.; Doris D. Brown, B.S.; Inez W. Ramsey, A.B.

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

101. 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.
121. Curriculum Development in the Elementary School. (3-0). Credit, 3 hours.
123. Methods and Observation in the Elementary School. (3-2). 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-week 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.

355. The Elementary School Curriculum. (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.


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

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

267. 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). 3 hours.

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

170. Special Methods and Materials for Exceptional Children in the Elementary School. (3-0). Credit, 3 hours.
202. Vocational Guidance. (3-0). Credit, 3 hours.
206. The Principalship. (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.
*267. Supervision of the Secondary School. (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.
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.
393. Internship Practicum. Credit, 3 hours.
399. Thesis. Credit, 6 hours.

COURSES IN METHODS

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.

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. The course involves the student in the selection, utilization, and production of various types of instructional materials. Committee work and individual student demonstrations are an integral part of the course. Students are encouraged to pursue individual interests. Emphasis is placed upon the abundant supply of free and inexpensive materials that are available for teachers.

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.


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.

335. Psychological Problems of the Mentally Retarded. (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. In the summer session, offered as a workshop.

116. Guidance and Pupil Adjustment in the Secondary School. (3-0). Credit, 3 hours. In the summer session, offered as a workshop.

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

154. Workshop for Teachers of Young Children. Credit, 3 hours.

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

303. Workshop for Principals of Elementary Schools. Credit, 3 hours.

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

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

315. Guidance and Pupil Adjustment in the Elementary School. (3-0). Credit, 3 hours. In the summer session, offered as a workshop.

316. Guidance and Pupil Adjustment in the Secondary School. (3-0). Credit, 3 hours. In the summer session, offered as a workshop.

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

324. Workshop in Corrective Reading for Secondary Teachers. Credit, 3 hours.

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.
II. DIVISION OF ENGLISH, JOURNALISM, AND SPEECH

ENGLISH

Professors: Leland E. Derrick, Ph.D. (Head); Ralph H. Houston, Ph.D.
Associate Professors: Sue Taylor, A.M.; Alma Lueders, A.M.
Assistant Professors: Mary L. Hightower, A.M.; Ione D. Young, Ph.D.;
Thomas O. Mallory, Ph.D.; Eileen O'Meara, A.M.; Thomas L. Brasher,
Ph.D.
Instructors: Julia Ann Reed, A.M.; Joe Max Braffet, A.M.; Walter C.
Smith, A.M.

Ordinarily, students planning to major in English are expected to
become candidates for graduation with the degree of Bachelor of Arts.
They may, however, graduate with a major in English under the curricu-

lum leading to the degree of Bachelor of Science in Education. In either
case they will be expected to absolve the subject matter included in the
following course of study in the sequence indicated, with the exception
that candidates for graduation with the degree of Bachelor of Arts who
are not applicants for a certificate to teach may omit the courses in Edu-
cation otherwise required.

Freshman year: English 11, 12; Speech 13; History 31, 32; Foreign
Language, eight hours; Mathematics 11; other subjects, preferably Sci-
ence, six hours; Physical Education Activities, two hours.

Sophomore year: Education 53, 67; English 61, 62; Government 61,
62 or History 71, 72; Foreign Language, six hours; other subjects (Sci-
ence, if not previously absolved) six hours; Physical Education Activi-
ties, two hours.

Junior-Senior years: English, 18 hours of advanced work, including
English 117 and 145 and six hours selected from each of the following
groups: (1) 123, 129, 143, 149, 241, and (2) 127, 133, 137, 147, 157,
163, 216, 233, 238; Education, 18 hours of advanced work in the sec-
condary field, including 111, 163, 291, 292, 229; Journalism 127; other
subjects, sufficient to make the total of 128 hours of work required
for graduation, including Foreign Language (if needed to absolve the
language requirement), Government 61, 62 and History 71, 72, unless
these courses have been previously absolved, and courses needed (a) to
meet the requirement of a teaching minor and (b) the requirement in
General Education.

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 re-
quirements for graduation, be expected to absolve also the second sci-
ence required for that degree, provided that if they are not applicants
for a certificate to teach, they may omit the courses in education other-
wise 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 ad-
vanced course in literature; under the curriculum for elementary teach-
ers, 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.
83. Writing for Pre-engineers. (3-0). Credit, 3 hours. A study of exposition, adapted to the needs of students who have elected pre-engineering training. Practice in the planning and writing of reports and readings in modern scientific essays.
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. Also Journalism 125.
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. Also Speech 143.
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.
238. Milton. (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.

**JOURNALISM**

*Associate Professor*: Joe B. Vogel, A.M.

*Assistant Professor*: *Bryce W. Rucker, M.S.*

*Instructor*: Linus J. Box, A.B.

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. 2. 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.

*On Leave, 1956-57.*
125. **A Laboratory in Writing.** (3-0). Credit, 3 hours. Also English 125.

127. **The Supervision of Public School Publications.** (3-0). Credit, 3 hours.

133. **The Press and Contemporary Affairs.** (3-0). Credit, 3 hours.

157. **Advertising.** (3-2). Credit, 3 hours. The fundamentals of advertising will be considered and special attention will be given to advertising techniques for the mass media. Copy preparation, headlining, use of art work and layout theories for newspaper and magazine advertising will be stressed. Attention also will be given to direct-mail, radio, outdoor, and other types of advertising.

217. **The Practicing Journalist.** (3-0). Credit, 3 hours.

221. **Workshop in Practical Public Relations.** (3-0). Credit, 3 hours.

**SPEECH**

*Professors:* Elton Abernathy, Ph.D. (Head); Empress Y. Zedler, Ph.D.

*Associate Professor:* James G. Barton, A.M.

*Instructors:* Suzanne L. Pullon, A.M.; Willard C. Booth, A.M.; Julia L. Collier, A.M.

A student electing to major in the Department of Speech must complete a minimum of 24 hours of work in the subject, including a minimum of 12 hours of advanced work. Specific courses to be taken will be determined in conference with the Chairman of the Department.

On completion of the course of study as outlined under the curriculum for Speech Therapists leading to the degree of Bachelor of Science in Education with provisional certification in Speech Therapy and in elementary education the student will be entitled to receive a provisional certificate in the area of Speech Correction and also a provisional certificate to teach in the elementary schools of the States (grades 1-8) and in kindergartens and in grade 9 of the junior high schools provided (a) that the Directed Teaching required for certification must be done in the elementary grades in an area or areas other than Speech Correction, and (b) that the student must meet also the provisions of Section 4 of the 1955 Law of Certification of School Personnel (Vernon's Ann. Civ. St. Article 2891b).

To qualify for graduation under the curriculum for high school teachers leading to the degree of Bachelor of Science in Education and a provisional certificate to teach in the high schools of the State (grades 7-12) and also a provisional certificate in the area of Speech Correction the student must offer in partial fulfillment of the requirements for graduation a major in Speech and attending pre-professional and specialized professional preparation represented by the following courses:

Education 53, 67, 111, 163, 291, 292, and two courses selected from the following: Education 110, 115, 154, 200.

Speech 13 or 15, 31, 57, 61, 125, 167, 189, 267, and either 161 or 201 or 269 or 271; English 119.

Note.—Qualification for a provisional certificate in Speech Therapy
leads also to qualification for basic certification in Speech Therapy in
the American Speech and Hearing Association.

To qualify for provisional certification as teachers of children with
deficient hearing under either the curriculum for elementary teachers or
the curriculum for high school teachers students will be expected to
offer in partial fulfillment of the requirements for graduation a major
in Speech represented by the following courses:

Speech 13 or 15, 31, 61, 125, 167, 189, 269, 271, 285.

They will, moreover, be expected to offer toward graduation 6
semester hours of credit earned in the field of Special Education.

13. Fundamentals of Speech. (3-0). Credit, 3 hours.
Note.—Freshmen who, upon examination, demonstrate language
difficulties may be required to enroll in special sections of Speech 13.
Such special sections will be identified in the printed schedule as Speech
13x.

15. Speaking and Reading. (3-2). Credit, 3 hours.

18. Introduction to Theatre Practice. (3-2). Credit, 3 hours.

31. Introduction to Speech Correction. (3-0). Credit, 3 hours.
The purpose of this course is to introduce the student to the area of
remedial speech. It is required of all students planning to prepare for
certification in speech and hearing therapy.

57. Voice and Phonetics. (3-2). Credit, 3 hours.

61. (Formerly 119). Speech Correction. (3-0). Credit, 3 hours.

67. Public Discussion and Debate. (3-2). Credit, 3 hours.

75. Acting. (3-4). Credit, 3 hours.

110. Stagecraft. (3-2). Credit, 3 hours.

116. Advanced Debate and Fundamentals of Logic. (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. See English 143.

149. Interpretive Reading. (3-2). Credit, 3 hours.

157. Creative Dramatics for Children. (3-2). Credit, 3 hours.

161. (Formerly 121). Disorders of Articulation. (3-0). Credit,
3 hours. This course will comprise a detailed study of the phonemes
of American-English speech and the causes, evaluation, and correction
of disordered articulation.

167. (Formerly 141). Clinical Methods and Practice in Speech
Correction I. (3-4). Credit, 3 hours. Supervised practice in the clinic
with persons of various ages and diverse types of speech disorders.
Students may begin in this course to acquire the clinical clock hours
required for state and ASHA certification. Two weekly lecture periods will emphasize principles and methods of testing, evaluating, and treating pupils with speech disorders in public schools.

189. (Formerly 289) Problems and Methods in Auditory Testing and Aural Rehabilitation. (3-0). Credit, 3 hours. This course introduces the student to basic audiology, anatomy of the hearing mechanism, and hearing disorders.

201. Speech Pathology. (3-0). Credit, 3 hours.

213. Teaching of Speech. (3-0). Credit, 3 hours.

223. American Oratory. (3-0). Credit, 3 hours.

233. The Development of the Theatre. (3-0). Credit, 3 hours.

263. Speech and Language Problems Associated with Neurological Disorders. (3-0). Credit, 3 hours. A study of perceptive and productive linguistic difficulties associated with aphasia, poliomyelitis, and cerebral palsy.

265. Problems in Forensics. (3-0). Credit, 3 hours.

267. (Formerly 245) Clinical Methods and Practice in Speech Correction II. (3-4). Credit, 3 hours. Continuation of two lecture periods a week and supervised clinical practice begun in Speech 167. Students completing their clock hours for certification are advised to arrange their schedules so that two weeks may be spent in residence at Gonzales Warm Springs Foundation, to acquire supervised clinical practice in a medical setting.

269. Teaching Language to the Hearing Impaired. (3-0). Credit, 3 hours. This is a course especially designed to train teachers in methods of developing associations between meaning and linguistic symbols in pupils with severe hearing losses.

Prerequisite: Speech 189.

271. Auditory Training and Speech Reading. (3-0). Credit, 3 hours. This is a course in methods of teaching those with hearing deficits to use their residual hearing and to visually comprehend the speech of others.

Prerequisite: Speech 189.

273. Teaching Oral English as a Second Language in the Elementary Classroom. (3-0). Credit, 3 hours. This is a course in methods of teaching the rhythm, intonation, and sound elements of spoken English to pupils with a foreign home language.

275. Problems in Dramatics. (3-0). Credit, 3 hours.

279. Directing Speech Activities. (3-2). Credit, 3 hours.

285. Methods in Phonics for the Elementary Teachers. (3-0). Credit, 3 hours. This course is designed for the elementary teacher who wishes to study the phonetic approach to word analysis. It emphasizes the development of auditory recognition of and discrimination between the sound elements in American-English speech. Research will be encouraged to investigate the relationship between the teaching
of phonics and improvement in written spelling and in independent word recognition in the elementary grades.

287. **Speech Correction for the Classroom Teacher.** (3-0). Credit, 3 hours. This is a non-clinical course dealing with the speech handicaps of elementary school children. It is designed to help classroom teachers and school administrators deal with the 5 to 10% of the general school population who have speech disorders. Parents of children with speech problems may enroll to audit the course.

301. **Seminar in Speech Pathology.** (3-0). Credit, 3 hours. This course will provide graduate students who have had Speech 201 an opportunity to advance their knowledge in a specialized area of speech pathology such as stuttering, cleft palate, or voice disorders. This course may be taken only after conference with the director of the speech clinic to determine the needs of the student.

343. **Advanced Clinical Practice in Speech and Hearing Therapy I.** (3-4). Credit, 3 hours. This course is for graduate students who hold provisional certification in speech therapy and wish to increase their professional competence in clinical practice, leading to professional certification. Clock hours may be obtained with cases having types of speech and language disorders which stimulate an advanced level of specialized study.

345. **Advanced Clinical Practice in Speech and Hearing Therapy II.** (3-4). Credit, 3 hours.

361. **Research Seminar in Speech and Hearing Therapy.** (3-0). Credit, 3 hours. A critical and thorough investigation of an area of speech and hearing therapy with some original experimentation required. This course is required of all graduate students in speech and hearing therapy who are candidates for the degree of Master of Education.

399. **Thesis.** Credit, 6 hours.

Note:—Speech 201, 263, 269, 271, and 301 are offered in summer sessions only by visiting lecturers and consultants; 269, always by a lecturer certified as a teacher of the deaf.
III. DIVISION OF FINE ARTS

ART

Associate Professor: Verna L. Deckert, A.M. (Head).
Assistant Professors: Charles J. Suckle, A.M.; Lester A. Knorr, Ph.D.
Instructor: Edward J. Frank, A.M.

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 of 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.

There is a fee of $2.50 for all art courses. Students furnish own supplies and pay field trip expenses.

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, 3 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, 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.
165. Metal and Lapidary Work. (0-6). Credit, 3 hours. Creative design problems in metal, such as copper, brass, and silver, and the selection, cutting, polishing, and mounting of semi-precious stones. Prerequisite: Art 53 and 63 or equivalent.
170. Watercolor Painting. (0-6). Credit, 3 hours.
173. History of Art II. (3-0). Credit, 3 hours. Field Trips. Offered in alternate even years.
183. History of Art III. (3-0). Credit, 3 hours. 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: Robert A. Tampke, Ph.D.
Associate Professors: Mary G. Buchanan, A.M. (Head); Anton J. Bek, M.M.; *Ira Renay Bowles, M.M.
Instructors: Jack L. Roberts, M.A.; Betty Ann Goida, M.M.; *Jack Edwin Guerry, M.M.

Students wishing to major in Music Education may do so under one of the curricula leading to the degree of Bachelor of Science in Education or the degree of Bachelor of Music Education.

Those 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:

Music 1, 2; 11, 12; 61, 62; Voice or major instrument, e.g., Piano, 11, 12; 61, 62; and 12 hours of advanced work additional.

COURSES IN MUSIC (THEORY)

1, 2. Survey of Music Literature. (2-0). Credit, 1 hour each.
11, 12. Fundamentals of Music. (3-0). Credit, 3 hours each.
61, 62. Fundamentals of Music (continued). (3-0). Credit, 3 hours each.

*On Leave, 1956-57.
63. **Advanced Sight Singing, Ear Training and Dictation.** (2-0). Credit, 2 hours.

67. **Music History and Appreciation.** (3-0). Credit, 3 hours.

131, 132. **Form Analysis.** (2-0). Credit, 2 hours each.

137, 139. **The History of Music.** (2-0). Credit, 2 hours each.

257. **Instrumentation and Orchestration.** (3-0). Credit, 3 hours.

333. **Counterpoint.** (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 Organization: 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. **Advanced Conducting.** (3-0). Credit, 3 hours.

*289. **Supervision of the Public School Music Program.** (3-0). Credit, 2 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.

**APPLIED MUSIC FOR MAJORS IN MUSIC EDUCATION**

**Private Lessons**

Courses numbered 11, 12, 61, 62, 111, 112, 161, 162 are the number designations of the courses in applied music (private lessons in Piano, Organ, Voice, or a band or orchestral instrument) for the undergraduate Music Education major; those numbered 191, 193, 195, the designations of the comparable courses for graduate students. Courses thus numbered indicate 2 lessons and 8 hours of practice per week and carry 2 hours of credit per semester. Courses thus numbered may, however, be enrolled for as courses 11a, 11b, etc. When thus divided and numbered, they indicate respectively one lesson and 6 hours of practice per week and carry one hour of credit per semester.
Class Lessons

Courses numbered 1, 3, 5, 7 designate class instruction in Piano, Organ, Voice, Strings, Brass, Woodwinds, and Percussion. These courses are offered primarily to assist the student in preparing to meet the minimum requirements in secondary Piano, Organ, Voice, or band or orchestral instrument. Two one-hour meetings and 4 hours of practice per week are required; one hour of credit per semester is granted.

NOTE.—In enrolling for a course in applied music the student is expected to identify it by the name of the field it represents and the sequence in which elected, e.g., Voice 11a, 11b, etc.; Piano 1, 3, 5, etc.

APPLIED MUSIC FOR THE GENERAL STUDENT

Private Lessons

Courses E1, E2, O1, and O2 are available to the general student. E1 designates one lesson and 6 hours of practice per week and carries one hour of credit per semester.

E2 designates 2 lessons and 8 hours of practice per week and carries 2 hours of credit.

O1 designates one lesson and 6 hours of practice per week and carries no credit.

O2 designates 2 lessons and 8 hours of practice per week and carries no credit.

Students registered in courses O1 and O2 will be asked to withdraw when the required practice is below minimum or when progress is not satisfactory.

Class Lessons

Class instruction in Piano, Organ, Voice, and in band and orchestral instruments, though primarily for Music majors and minors, is available to the general student.—See the section on applied music for majors in Music Education.

In the case of the general student not fewer than 2 hours of credit in applied music earned by class instruction may be counted toward graduation as earned in any one area nor a total of more than 4 hours of such credit.

ENSEMBLES

All Music curricula require participation in an ensemble: Band, Orchestra, Chorus, or Choir. One hour of credit per semester is granted toward graduation for such participation. A student may participate simultaneously in more than one ensemble, depending on his course load; he may not, however, use toward graduation more than one hour of such credit earned in one and the same semester.

A student making a major of Music may count a maximum of 8 such hours of credit as part of the total hourage required for graduation; but all others, only 4 hours of such credit. But not fewer than 2 hours may be so counted in any one ensemble.

Courses in ensembles carrying credit are numbered 1, 3, 5, 7, 9, 11, 13, 15; those carrying no credit are numbered 0. In enrolling for an ensemble the student is expected to identify it on his schedule by the name of the field it represents and the sequence in which elected, e.g., Chorus 1, 3, 5, etc.
IV. DIVISION OF FOREIGN LANGUAGE

Professors: J. Lloyd Read, Ph.D. (Head); Alfred H. Nolle, Ph.D.
Associate Professors: James R. Buckner, A.M.; Alma Lueders, A.M.
Instructor: John Bailey Victery, Jr., A.M.

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 15 also.

FRENCH

Professor Read
Associate Professor Buckner
Instructor Victery

13, 15. Beginners' Course in French. (3-2). Credit, 4 hours each.
71, 72. Readings in Modern French Literature. (3-0). 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). Credit, 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

Professor: Oscar W. Strahan, M.Ed. (Director).

Associate Professors: Milton W. Jowers, A.M.; Jean A. Smith, P.E.D. (Director); Martin O. Juel, Ph.D. (Head).

Assistant Professors: Robert W. Parker, B.S.; Frank Gensberg, A.M.; Clara L. Gamble, M.A.

Instructors: Vernon S. McDonald, M.Ed.; Joan A. Price, M.S.; Barbara Ann Otis, B.S.; Elizabeth J. Stillman, A.M.

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, (b) married women with children, and (c) veterans. 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 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 the other subjects required for graduation, distributed as follows:

Freshman year: English 11, 12; Speech 13; History 31, 32; Mathematics 11; Chemistry 43, 47; Physical Education 1, 2, 8, 18, 19, 45; Health Education 24.

Sophomore year: Education 53, 67; English 61, 62, or 63, 64, or 67, 68; Government 61, 62; Biology 51, 52; Physical Education 7, 10, 28, 99; and electives to make a total of 16 semester hours per semester.

Junior year: Education 111, 163; Physical Education 109, 110, 115, 136, 137, 149; Health Education 138, 140; other subjects to make a total of 16 semester hours per semester.

Senior year: Education, twelve semester hours of advanced work dealing with the secondary fields, including Education 291, 292, 229; Physical Education 214; Health Education 148; other subjects, to make the total of 128 semester hours required for graduation.

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, preferably in the sequence indicated:

Physical education 1, 2, 18, 19 (in the freshman year); 8, 10, 98,
Women making a major of speech or special education and wishing to minor in physical education will be expected to absolve the following courses, preferably in the sequence indicated:

Physical education 1, 2, 18, 19 (in the freshman year); 8, 10, 98, 99 (in the sophomore year); 45, 115, Health Education 175 (in the junior year); Physical Education 54, 149, 214 (in the senior year).

Women enrolled under the curriculum for elementary teachers and wishing to make a concentration, or minor, in physical education will be expected to absolve the following courses, preferably in the sequence indicated:

Physical Education 1, 2, 18, 19 (in the freshman year); 8, 10, 98, 99 (in the sophomore year); 137 (preceded by Biology 51, 52 or 61, 62), 147, and 115 or 136 (in the junior year); 54, 214, and Health Education 175 (in the senior year).

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 courses required to qualify for a permanent high school certificate or Bachelor of Science in Education with inclusion of the following courses, 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 53 and 54, 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, 251 and (a) 101 (or 192 if eligible) and 102 or (b) 191 and 192; Physical Education Activities, two semester hours.

Men enrolled under the curriculum for high school teachers wishing to offer toward graduation a minor in health and physical education will be expected to absolve the following courses:

Physical Education 41 or 42, 54, 101 or 191 or 192, 111, 113, 117, 251; Physical Education Activities, six semester hours.

Men enrolled under the curriculum for elementary teachers wishing to offer toward graduation a minor in physical education will be expected to absolve the following courses:

Physical Education 41, 42, 54, 113, 115, 251; Physical Education Activities, six semester hours.

Activity courses carry one semester hour of credit each; all other courses carry credits of three semester hours each unless otherwise indicated under the respective course descriptions.

**PHYSICAL EDUCATION ACTIVITY COURSES**

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

2. **Individual Sports.** (0-3). Credit, 1 hour.
3. Dual and Individual Sports for Women. (0-3). Credit, 1 hour.
4. Team Sports for Women. (0-3). Credit, 1 hour.
5. Special Activities in Tumbling and Trampolining. (0-3). Credit, 1 hour.
6. Folk and National Dancing. (0-3). Credit, 1 hour.
7. Modern Dance I. (0-3). Credit, 1 hour.
8. American Country Dancing. (0-3). Credit, 1 hour.
9. Modern Dance II. (0-3). Credit, 1 hour.
10. Recreational Games for Women. (0-3). Credit, 1 hour.
11. Golf. (0-3). Credit, 1 hour.
12. Life Saving. (0-3). Credit, 1 hour.
13. Water Safety Instructor's Course. (0-3). Credit, 1 hour.
14. Required Activities for Men. (0-3). Credit, 1 hour.
15. Restricted Activities for Men. (0-3). Credit, 1 hour.
16. Elective Activities for Men. (0-3). Credit, 1 hour.
17. Modern Dance Club. (0-3). Credit, 1 hour.
18. Adapted Activities for Women. (0-3). Credit, 1 hour.

PHYSICAL EDUCATION PROFESSIONAL COURSES

18. Introduction to Rhythm and Dance Theory I. (0-3). Credit, 1 hour.
19. Introduction to Rhythm and Dance Theory II. (0-3). Credit, 1 hour.
41, 42. Teaching Physical Education Activities. (3-3). Credit, 3 hours each.
45. Camp Leadership. (1-4). Credit, 2 hours.
53. Sports Officiating for Men. (2-2). Credit, 3 hours.
54. Accident Prevention and First Aid. (2-1). Credit, 3 hours.
98. Individual and Dual Sports. (1-3). Credit, 2 hours.
99. Team Sports. (1-3). Credit, 2 hours.
101. Athletic Coaching. (3-3). Credit, 3 hours.
102. Instructor's Course in Physical Education. (3-0). Credit, 3 hours.
109, 110. Theory and Technique of Teaching and Coaching Sport Activities. (3-3). Credit, 3 hours each. Prerequisite: Physical Education 98 and 99.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<td>111</td>
<td>Administration of Health Education</td>
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<tr>
<td>113</td>
<td>Organization and Administration of Physical Education</td>
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<tr>
<td>115</td>
<td>Content and Methods in Physical Education for Elementary Teachers</td>
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<td>117</td>
<td>The Physiology of Exercise</td>
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<td>136</td>
<td>Methods and Materials for Rhythmic Activities in the Secondary School</td>
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<td>137</td>
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<td>149</td>
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<td>Prevention and Care of Athletic Injuries</td>
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<td>183</td>
<td>Recreational Leadership</td>
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<td>191</td>
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<td>214</td>
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<td>251</td>
<td>Practices in Health Education Applied to Physical Education</td>
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<td>321</td>
<td>Workshop for Teachers of Physical Education</td>
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<td>346</td>
<td>Literature and Research in Health and Physical Education</td>
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<td>347</td>
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<td>(Hours and Credit are arranged.)</td>
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<tr>
<td>348</td>
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<td>390</td>
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HEALTH EDUCATION

Those students wishing to minor in health and safety education will be expected to absolve the following courses, preferably in the sequence indicated: Physical Education 54; Health Education 138, 140, 148 (Health Education 175 for those students majoring in elementary education). The remaining courses, to make a total of 18 hours, should be selected from the following: Physical Education 111, 137, 147, Industrial Arts 118, 210.

HEALTH EDUCATION COURSES

24. First Aid. (1-2). Credit, 1 hour.
138. Personal Hygiene. (3-0). Credit, 3 hours.
140. Community Hygiene. (2-0). Credit, 2 hours.
148. Principles and Methods of Health Education. (2-0). Credit, 2 hours.
175. Health Education for the Elementary Teacher. (3-0). Credit, 3 hours.
185. Workshop in Health Education for School Nurses. (3-0). Credit, 3 hours.
311. Organization and Administration of a School Health Program. (3-0). Credit, 3 hours.
VI. DIVISION OF PRACTICAL ARTS

BUSINESS ADMINISTRATION

Professor: Alvin W. Musgrave, Ed.D. (Head).
Associate Professor: Tom W. Nichols, M.B.A.
Assistant Professor: Allie C. Parr, A.M.
Instructors: Catherine Howard, M.Ed.; Roberta J. Toalson, M.S. Ed.; Otis G. Reese, A.M.

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 at least 30 semester hours of work in the subject including the following courses in the order indicated:

Freshman year: Business Administration 23 or 25 (not both); and either (a) 27 or (b) 31, 32 or (c) 43, 57; Mathematics 11 and, preferably, Mathematics 19.

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

Junior year: Business Administration 161, 162.

Senior year: Business Administration: six 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.

21. Introduction to Business. (3-0). Credit, 3 hours.
23. Typewriting I. (3-3). Credit, 2 hours.
25. Advanced Typewriting Problems. (3-3). Credit, 3 hours.
27. Office Practice. (3-0). Credit, 3 hours.
31, 32. Shorthand. (3-2). Credit, 3 hours each.
43. Dictation. (3-2). Credit, 3 hours.
57. Secretarial Training. (3-0). 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. Also Economics 133.
143. Marketing. (3-0). Credit, 3 hours. Also Economics 143.
153. Business Communication. (3-0). Credit, 3 hours.
157. Salesmanship. (3-0). Credit, 3 hours.
161, 162. Business Law. (3-0). Credit, 3 hours each.
215. Insurance. (3-0). Credit, 3 hours.
227. **Income Tax Accounting.** (3-0). Credit, 3 hours.

235. **(Formerly 249). Problems of Business Management.** (3-0). Credit, 3 hours. A study of the basic problems involved in the successful management of a business enterprise.

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 credit to be arranged.)

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

**HOME ECONOMICS**

*Professor:* Onah Jacks, Ed.D. (Head).

*Associate Professor:* Frances G. Coleman, A.M.

*Assistant Professors:* Bess Barnes, M.S.; Azalete Little, M.Ed.

11. **Clothing for Personal and Family Needs.** (3-2). Credit, 3 hours.

12. **Buying and Management for Personal and Family Needs.** (3-2). Credit, 3 hours.

21. **Foods for Personal and Family Needs.** (3-2). Credit, 3 hours.

22. **Relationships and Development for Personal and Family Needs.** (3-2). Credit, 3 hours.

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

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

100. **Consumer Buying.** (3-3). Credit, 3 hours. Offered in alternate even years.

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

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

120. **School Lunch Problems.** Credit, 2 or 3 hours. Offered in the summer only.

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

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

133. **Home Management Residence.** (3-3). Credit, 3 hours.

137. **Child Development.** (3-3). Credit, 3 hours.
175. Nutrition and Health. (3-0.) Credit, 3 hours. This course is designed to afford those enrolling for it an appreciation of the relationship of diet to physical, mental, and emotional health as well as to economic well-being and of the part that food plays in the progress of schools, communities, nations, and the world, with emphasis upon the essentials of an adequate diet, the functions of those essentials, and the nutritive properties of common food materials.

This course is open as an elective to all students of junior or senior rank except those enrolled under the curriculum leading to the degree of Bachelor of Science in Home Economics. It has special relevancy for those making a major of Elementary Education or Health and Physical Education.

215. Clothing for the Family. (3-3). Credit, 3 hours.
265. New Trends in Textiles. Credit, 3 hours. Offered in the summer only.
320. School Lunch Problems. Credit, 2 or 3 hours. Offered in summer only.
360. Home Improvement. (3-2). Credit, 3 hours.

HOME ECONOMICS EDUCATION

143. Observation and Methods in Vocational Home Economics. (3-3). 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. Offered in alternate even years.
399. Thesis. Credit, 6 hours.

INDUSTRIAL ARTS

Professor: Victor L. Bowers, Ph.D., (Head).
Associate Professor: William L. Deck, Ph.D.
Assistant Professors: John R. Ballard, A.M.; *Douglas Wayne Harris, A.M.; Joseph M. Branom, M.Ed.

13. Drawing I. (3-3). Credit, 3 hours.

*On Leave, 1956-57.
15. Drawing II. (3-3). Credit, 3 hours.
17. Woods I. (3-3). Credit, 3 hours.
19. Descriptive Geometry. (3-6). Credit, 3 hours.
33. Photography I. (2-2). Credit, 2 hours.
53. Photography II. (2-2). Credit, 2 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. Laboratory fee: $5.00.
90. Shop Practice for Engineering Students. (3-6). Credit, 3 hours.
113. Laboratory of Industries. (3-3). Credit, 3 hours.
115. Maintaining the Modern Home. (3-3). Credit, 3 hours.
117. Principles and Practices in Industrial Arts Teaching. (3-0). Credit, 3 hours.
118. Driver Education. (3-3). Credit, 3 hours. This course is designed to help students become aware of traffic problems, determine limitations of drivers, develop positive driver attitude, study traffic skills, and train teachers in driver training. Laboratory fee: $10.00.
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. (3-3). 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.
210. Safety Education. (3-0). Credit, 3 hours. This course will deal with education for safety in the home, in the school building, on the playground, in industry, on the farm, on the highway, in recreation and in play; liability and responsibility; first-aid.
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.

399. **Thesis.** Credit, 6 hours.

**LIBRARY SCIENCE**

Professor E. B. Jackson, A.M.

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.

135. **Reading Materials in the Elementary Grades.** (3-0). Credit, 3 hours. Also English 135.
VII. DIVISION OF SCIENCES

BIOLOGY

Professor:  William E. Norris, Jr., Ph.D. (Head).
Associate Professor:  Thacher Gary, Ph.D.
Assistant Professors:  William K. Davis, A.M.; Sidney W. Edwards, Ph.D.
Instructors:  Robert M. McKay, M.Ed.; Grace B. Smith, B.S.

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.
61, 62. Physiology and Hygiene. (3-3). Credit, 3 hours each.
63. Physiology and Hygiene. (3-4). Credit, 4 hours.
101. The History and Philosophy of Science. (3-0). Credit, 3 hours.

111, 112. Histology and Embryology. (3-6). Credit, 4 hours each. Either half may be elected for independent credit.
113. Bacteriology I. (2-6). Credit, 3 hours.
114. Bacteriology II. (2-6). Credit, 3 hours.
115. Genetics. (3-3). Credit, 3 hours.
119. Comparative Vertebrate Anatomy. (3-6). Credit, 4 hours.
163. Advanced Human Physiology. (3-3). Credit, 3 hours.

*221, *222. Ecology. (3-3). Credit, 3 hours each.

*231, *232. General Physiology. (3-3). Credit, 3 hours each.

251. Nature Study. (3-3). Credit, 3 hours.

310. Problems in the Biological Sciences. Credit, 3 or 6 hours. This course is open to graduate students on an individual basis at any time by arrangement with the faculty member concerned. This course may not be taken by students who will do Biology 399.

399. Thesis. Credit, 6 hours.
CHEMISTRY

Professor: Carroll L. Key, Ph.D. (Head).
Associate Professors: William G. Harding, Ph.D.;* Archie O. Parks, A.M.
Instructors: Robert G. Lowman, A.M.; John W. Hopson, A.B.

A teaching major in Chemistry consists of Chemistry 11, 12, 61, 62, 111, 112, and six 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; six 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.

61, 62. Quantitative Analysis. (3-8). Credit, 4 hours each.

77. Physiological 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. (3-4). Credit, 3 hours.

225. Advanced Inorganic Chemistry. (3-0). Credit, 3 hours. This course includes the study of atomic structures and properties related to the structures, periodicity of properties, chemical bonding, transition elements, complex ions and coordination compounds, and an extension into non-aqueous systems of the concept of acids and bases.

227. Organic Preparations. (3-3). Credit, 3 hours.

231, 232. Biochemistry. (3-2). Credit, 3 hours each.

313. Problems in Chemistry. Credit, 6 hours.

327. Qualitative Organic Analysis. Credit, 3 hours.

399. Thesis. Credit, 6 hours.

GENERAL SCIENCE

Professor Key
Associate Professor Gary

111, 112. Methods and Materials in Science for Teachers of the Elementary School. (3-2). Credit, 3 hours.

200. Teaching the Sciences. (3-0). Credit, 3 hours.

*On Leave, 1956-57.
MATHMATICS

Associate Professors: Don Cude, A.M. (Head); Lynn H. Tulloch, A.M.
Assistant Professors: Milton B. Porter, A.M.; Ural B. Walker, A.M.

A major in Mathematics consists of 30 semester hours of work represented by Mathematics 11, 13, 17, 63, 111, 112, 115 plus 9 semester hours of advanced work which, if Mathematics is to be a teaching major, must include Mathematics 203.

A teaching minor in Mathematics consists of 24 semester hours of work represented by Mathematics 11, 13, 17, 63, 111, 112, 115, 203; a non-teaching minor, of 21 semester hours of work represented by Mathematics 11, 13, 17, 63, 111, 112, 123.

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 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.

Mathematics 115 must be taken before or parallel with Mathematics 203, and Mathematics 203 must be taken before or parallel with Education 291 if directed teaching is in mathematics.

A student who majors in mathematics is strongly urged to complete a minimum of 24 hours in physics and chemistry.

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 three 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). Credit, 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. Also Physics 133.

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.

231. 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: R. R. Rush, A.M. (Head)

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. Also Mathematics 133.

145. Electronic Circuits. (3-0). Credit, 3 hours. The course covers selected topics in electrical and electronic circuits. Credit for or enrollment in the calculus is advisable as prerequisite.
VOCATIONAL AGRICULTURE

Professors: Tollie R. Buie, Ed.D. (Head); Cecil M. Gregg, Ph.D.

Associate Professor: Leroy J. Young, Ph.D.

Assistant Professor: James D. Elliott, Ph.D.

Instructors: Gerald B. Champagne, M.S.; Frank Pinkerton, A.M.; James L. Mahan, M.S.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>13. Field Crops.</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>33. Farm Poultry.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>45. Animal Husbandry.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>61. Agrostology.</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>67. Dairying.</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>73. Farm Shop.</td>
<td>(3-3)</td>
<td>4</td>
</tr>
<tr>
<td>75. Forage and Pasture Crops.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>77. Vegetable Gardening and Small Fruits.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>79. General Horticulture.</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>83. Introduction to Agricultural Economics.</td>
<td>(3-0)</td>
<td>3</td>
</tr>
<tr>
<td>111. Farm Power and Machinery.</td>
<td>(1-4)</td>
<td>3</td>
</tr>
<tr>
<td>115. Advanced Dairy Management.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>117. Farm Management.</td>
<td>(3-0)</td>
<td>3</td>
</tr>
<tr>
<td>121. Range Management.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>123. Advanced Poultry Husbandry.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>125. Feeds and Feeding.</td>
<td>(3-2)</td>
<td>4</td>
</tr>
<tr>
<td>126. Soil Science.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>127. Soil Fertility and Fertilizers.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>129. Economic Entomology.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>131. Diseases of Livestock.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>145. Advanced Animal Husbandry.</td>
<td>(2-2)</td>
<td>3</td>
</tr>
</tbody>
</table>
151. Marketing. (3-0). Credit, 3 hours.
154. Soil and Water Conservation. (2-4). Credit, 4 hours.
213. Crop Improvement and Seed Production. (2-2). Credit, 3 hours.
261. Rural Electrification. (1-2). Credit, 2 hours.
313. Advanced Problems in Farm Crop Production. (3-0). Credit, 3 hours.
333. Advanced Problems in Poultry. (3-0). Credit, 3 hours.
340. Methods of Organizing and Teaching Farm Mechanics. (3-0). Credit, 3 hours. This course is designed to aid teachers with farm problems such as making plans for vocational agriculture buildings, securing and arranging proper kinds of shop equipment, determining needs, making shop budgets and inventories. Special emphasis will be given to the development of instructional materials and methods of instruction.
345. Advancements in Animal Husbandry. (3-0). Credit, 3 hours.
367. Current Developments in Dairying. (3-0). Credit, 3 hours.

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. (3-0). Credit, 3 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.
330. Administration and Supervision of Agricultural Education. (3-0). Credit, 3 hours.
365. Research Problems in Agricultural Education. (3-0). Credit, 3 hours.
399. Thesis. Credit, 6 hours.
VIII. DIVISION OF SOCIAL SCIENCES

Professors: James Taylor, Ph.D. (Head); Claude Elliott, Ph.D.; Howard M. Greene, A.M.; Cecil O. Hahn, Ph.D.; Arthur A. Grusendorf, Ph.D.; Maurice J. Erickson, Ph.D.

Associate Professors: William C. Pool, Ph.D.; Elizabeth Sterry, A.M.

Assistant Professors: Emmie C. Craddock, Ph.D.; Coburn V. Graves, Ph.D.; Richard B. Henderson, A.M.

Instructors: Robert C. Johnson, Ph.D.; Emma Sue Herzog; A.M.; Tom B. Brewer, A.M.; *Madge Maier, A.M.

The division offers courses comprising majors designed for (1) teaching 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 fewer than 42 nor more than 54 semester hours in the Social Sciences distributed as follows: History: 24 semester hours, including History 11, 12, and 61, 62; six hours chosen from History 111, 113, 123, 149, 211; and six hours chosen from History 112, 115, 116, 118, 121, 133, 136, 143, 147, 215, 223; Government 61, 62 and electives, 12 hours in the Social Sciences other than History, including three hours in each of any two of the following fields: Economics, Geography, Sociology.

Note: A student may substitute History 71, 72 for History 61, 62 in the sophomore year but must in turn elect two courses from the following in the junior or senior year: History 112, 115, 116, 121, 133, 136.

Students enrolled under the curriculum for teachers will be expected to absolve History 233, Teaching the Social Sciences in the Public Schools, in addition to the minimum requirements as outlined.

Candidates for the degree of Bachelor of Arts wishing to make a major in some of the Social Sciences will be expected to absolve a total of 24 hours of work in a major field (inclusive of History 11, 12, 61, 62 if History be the major), and 18 hours of work in two additional fields of the Social Sciences, inclusive of Government 61, 62 and either History 31, 32 or 61, 62 if Government or History respectively do not constitute 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 (six hours thereof advanced), including Government 61, 62, and at least 12 hours in History, including History 31, 32 or, preferably, History 11, 12 and 61, 62.

HISTORY

Professors Taylor, Elliott, Hahn
Associate Professor Pool
Assistant Professors Craddock, Graves
Instructors *Maier, Johnson, Herzog, Brewer

11, 12. History of Western Civilization. (3-0). Credit, 3 hours each.

*On Leave, 1956-57.
31, 32. **History of America.** (3-0). Credit, 3 hours.

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. Also Economics 115.

116. **Social and Intellectual History of the United States, 1607-1830.** (3-0). Credit, 3 hours.

118. (Formerly 212). **Contemporary United States Since 1919.** (3-0). Credit, 3 hours.

121. **History of Texas, 1820-1875.** (3-0). Credit, 3 hours.

123. **The Near and the Middle East Since 1500.** (3-0). Credit, 3 hours.

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

136. **Social and Intellectual History of the United States, 1860 to the Present.** (3-0). Credit, 3 hours.

138. **Colonial North America and the Expansion of Western Europe.** (3-0). Credit, 3 hours. A study of the colonial period of American History with special reference to the voyages of discovery and conquest leading to the establishment of Spanish, French, Portuguese, and British colonial empires in the western hemisphere and Asia; the rival imperial systems of the 17th and 18th centuries; the wars for colonial supremacy; and the significant characteristics of the old British Empire with emphasis on the background to the American Revolution.

143. **Mexico and the Hispanic-American Borderlands.** (3-0). Credit, 3 hours. A survey of the pre-Columbian Indian cultures of meso-America; the Spanish conquest of Mexico and southwestern North America; the colonial background to the war of independence; the 19th century struggle between the federalists and the centralists; the rule of Diaz; the revolution of 1910; and the significant problems confronting contemporany Mexico.

147. **South American and the Caribbean Islands.** (3-0). Credit, 3 hours. A study of the Spanish and Portuguese colonial empires in South America and the West Indies; the English interlopers in the Caribbean islands; the political, economic, social, and religious problems of the national period with special reference to Argentina, Brazil, the Andean republics, and the West Indies.

149. **Renaissance and Reformation.** (3-0). Credit, 3 hours. A
study of the cultural, political, and economic changes that marked the transition from the Middle Ages in Europe to the modern period. Special attention is paid to the decline of the medieval church, the rise of the Protestant Reformation and the Catholic Counter-reformation.

151. Medieval Civilization. (3-0). Credit, 3 hours. A study of the development of the social, economic, cultural, and political institutions of Europe in the Middle Ages. An introduction to the ancient civilizations of the Mediterranean World is included.

*211. History of Europe Since 1919. (3-0). Credit, 3 hours.


*223. The Frontier in American History. (3-0). Credit, 3 hours.

233. Teaching the Social Sciences in the Public Schools. (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.

323. Selected Problems of the Frontier in American History. (3-0). Credit, 3 hours.

ECONOMICS

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. Also Geography 103.

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. Also History 115.

121. Contemporary Economic Problems. (3-0). Credit, 3 hours. A description of the basic economic institutions of American society, an introduction to economic reasoning, and an examination of the problems of economic growth, economic security and stability, agricultural prices, and conservation of natural resources. Open to students of junior standing.

127. Public Finance. (3-0). Credit, 3 hours.

129. Business Cycles. (3-0). Credit, 3 hours.
133. Business Statistics. (3-0). Credit, 3 hours. Also Business Administration 133.

143. Marketing. (3-0). Credit, 3 hours. Also Business Administration 143.

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. Also Economics 103.

107. Geography of 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.

129. Geography Field Trip. (3-0). Credit, 3 hours. A first-hand study of geographic regions, historical sites, and population centers of North America. A comprehensive report of the trip is required of all students. Offered only during the summer terms as announced. The trips generally will be scheduled on alternate years to the West and to the East. Fees for the course will vary with the nature of the itinerary.

GOVERNMENT

Professors Taylor, Greene

Assistant Professor Henderson


107. Parties and Party Politics. (3-0). Credit, 3 hours.

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

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

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

130. Recent Political Theory. (3-0). Credit, 3 hours. A study of the development of modern political ideas. Attention is directed particularly to the meaning and relationships of the significant politico-economic ideologies of our time: democracy, capitalism, the welfare state, socialism, fascism, and totalitarian communism.
133. The American Constitution. (3-0). Credit, 3 hours. Also History 133.

215. Diplomatic History of the United States. (3-0). Credit, 3 hours. Also History 215.

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.
IX. DIVISION OF RELIGIOUS INSTRUCTION

D. Glen Norris, A.B., B.D.

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.
Prerequisite, sophomore standing or special permission of the instructor.

68. Survey of the New Testament. (3-0). Credit, 3 hours.
Prerequisite, sophomore standing or special permission of the instructor.

111. The Life and Teachings of Jesus. (2-0). Credit, 2 hours.

131. Selected Studies in the Old Testament. (Genesis, Psalms, the Prophets). (2-0). Credit, 2 hours.


RELIGION

121. The Spread of Christianity. (2-0). Credit, 2 hours.

137. The Christian Faith. (2-0). Credit, 2 hours.

139. The Church and Family Life. (2-0). Credit, 2 hours.
DIVISION OF AIR SCIENCE

AIR FORCE RESERVE OFFICERS TRAINING CORPS

Instructional Staff for 1956-57

Professor of Air Science
Lt. Col. Albert E. Hughes

Assistant Professors of Air Science
Capt. John L. Webb
Capt. Glen E. Thompson

BASIC COURSE: AIR AGE CITIZENSHIP EDUCATION


61, 62. Second Year Basic. (2-1). (Elements and Potentials of Air Power). Credit, 2 hours each. Elements of Aerial Warfare; Introduction; Targets; Weapons; Aircraft; Operations; Bases. Careers in the United States Air Force. Leadership Laboratory—Cadet Non-Commissioned Officer Training.

ADVANCED COURSE: AIR FORCE OFFICER DEVELOPMENT

111, 112. First Year Advanced. (4-1). (The Air Force Officer in the Air Age). Credit, 4 hours each. These courses consist of a study of the following: Introduction to advanced AFROTC; the Air Force Commander and his staff; Creative Problem Solving; Communicating in the Air Force and Instructing in the Air Force. Military Justice System; Navigation; Weather; Air Force Base Functions; Preparation for summer training. Leadership Laboratory—Cadet Non-Commissioned Officers Training.

NOTE: Following the completion of the Junior Year (AS 111, 112) each Cadet is required to attend a four (4) weeks Summer Training Unit at some active Air Force Base. While at Summer Training Unit 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; A Career in the United States Air Force.

211, 212. Second Year Advanced. (4-1). (Leadership and Air Force Concepts). 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 Evolution of Warfare; Briefing for Commissioned Service; Leadership Laboratory—Cadet Commissioned Officer Training.
## STATISTICAL SUMMARY

### Enrollment

#### Regular Session, 1955-1956

<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>564</td>
<td>301</td>
<td>865</td>
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<tr>
<td>Sophomores</td>
<td>325</td>
<td>195</td>
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<tr>
<td>Juniors</td>
<td>247</td>
<td>187</td>
<td>434</td>
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<tr>
<td>Seniors</td>
<td>176</td>
<td>171</td>
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<tr>
<td>Graduates</td>
<td>127</td>
<td>152</td>
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<tr>
<td>Post Graduates</td>
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<td>34</td>
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<tr>
<td>Specials</td>
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<table>
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<th>Class</th>
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<tr>
<td>Extension Students</td>
<td>34</td>
<td>273</td>
<td>307</td>
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<td><strong>Total</strong></td>
<td>1496</td>
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#### Summer Session, 1956

<table>
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<tr>
<td>Freshmen</td>
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<td>Sophomores</td>
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<td>Juniors</td>
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<td>Seniors</td>
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<td>191</td>
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<tr>
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<th>Class</th>
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<td>Correspondence Students (Sept. 1, 1955 to August 31, 1956)</td>
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### DEGREES CONFERRED

#### Regular Session, 1955-1956

<table>
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<td>Bachelor of Science in Industrial Arts</td>
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<td>Bachelor of Science in Vocational Agriculture</td>
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#### Summer Session, 1956

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<td>Bachelor of Science in Education</td>
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<tr>
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<tr>
<td>Bachelor of Science in Industrial Arts</td>
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<td>Bachelor of Science in Vocational Agriculture</td>
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<tr>
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<td><strong>Total</strong></td>
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</table>
DEGREES CONFERRED IN 1956

January 22, 1956

Bachelor of Science in Education

Behymer, Juanita Shirley  Mellenbruch, Paula Marie
Bock, Bobbie Jean  Miller, Barbara Corser
Brock, Bobby J.  Mobley, Truett T.
Buckner, Dell  Morales, Henry Cantu, Jr.
Byrom, Norma Dorris  Moulder, Mary Hannah
Caliham, Wilbur Winston  Parisons, William Gaston
Cunningham, Anne Ruth  Partridge, Mary Lillian
Damron, Regina Eula  Paschall, Sam Haught
Hannon, Monette Simpson  Redline, Edith Inez
Hiatt, Mary Lou  Saenz, Zulema
Hill, Ann DeLane  Tetens, Elaine Grace
Hopkins, Roy W.  Willa, Clara Lou Remmert
Jackson, Roy W.  Winters, Joan Pfeiffer
Langston, Iris Evelyn  Woodall, Kathryn Dell

Bachelor of Arts

Adrean, Jack Sybert  Burns, Marylyn Elxson
Buckner, Walter Leslie

Bachelor of Science

Benavides, Edward

Bachelor of Science in Home Economics

Drumham, Joyce Tumlinson  Micks, Junette Ottmers

Bachelor of Science in Industrial Arts


Bachelor of Science in Vocational Agriculture

Carson, James L.  Massy, Clayton Albert
Elliott, Douglas Wayne  Rettmeyer, James Clement
Gilbreth, Melville Joe  Rodgera, Charles Philip
Hay, Gerald Lyndon  Schwarz, James Robert
Luensmann, Benno Julius  Tomlinson, Samuel John

Bachelor of Business Administration

Naumann, Stanley John  Thigpen, Claud Eugene
Ohlendorf, Frances Anne  Zerr, Myron Thomas

Master of Arts

Crook, Lizzie Raborn

Master of Education

Aguirre, Sappoa D.  Jurecka, Lawrence F
Benton, Orien  Lucke, Reinhold, Jr.
Callaway, William T.  Mueller, Anna Lora
Cheyn, Trent.  Randerson, Mary Grace
Egger, William B.  Rodriguez, Vela G.
Franklin, Verna Lee Reed  Schulz, Herbert William
Jones, Jesse S.  Welsch, Kenneth Curt
May 20, 1956

Bachelor of Science in Education

Acker, Emmett Adolph
Aliert, Horace Lee
Bahnman, Leah Faire
Bolin, James Ira
Boucher, Lou Ann
Bowen, Harriet Ann
Brent, Laverta Adams
Carleston, Herbert Clinton, Jr.
Castellanos, Tony
Castro, Doris Fay
Criden, Manley W. Jr.
Cross, Dwight Andrew
Dalley, Zula Mae
Donop, Carleton Andrew
Dunn, Charlotte V. Lund
Erod, Joseph
Everett, Justine
Faseler, John F.
Furry, Margaret Love
Garms, Frances Virnell
George, Melton Earl
Gerke, Pearl Bradshaw
Golden, Ella Mae
Gordon, Jo Anne
Gordon, Minnie Lucille
Hall, Mildred Mae
Hall, Nina
Harper, Mary Lucitla
Henry, Diane
Homeyer, Janis Odell
Howell, Emily Ann
Kemper, Gordon Maurice

Kuntschik, Jo Ann
Leeper, Nora Faye Plrtle
McCutney, Lawrence Phillip
McCord, Maxine Jeannette
Martin, Glenda Lois
Nance, Bonnie Beth
Naumann, Bertha Adcock
Naylor, Joyce Arlene
Peace, Mary Ellen
Perry, Ruby Lee
Polansky, Mary Lou
Price, Glen Leroy
Proli, Carol Ruth
Pruett, Norma Frances
Pyka, Cecile
Renken, Annette
Rose, Melba Jo
Sallnas, Amanda (Chito)
Schroeder, Clifford
Sebesta, Alice Ruth
Settle, Winfred Wilhelm
Shelton, Eunice Bets
Sides, Kenneth Simon
Smith, Pat Eieg
Sprinks, Edward Allen
Thielemann, Furene
Tindall, Ralph Kenneth
Vela, Armandina
Walls, Jim
Welch, Juanita Fern
Whatley, Billy Joe
White, Gordon K.
Willard, Allene Preuss
Yoakum, Beulah Hefner

Bachelor of Arts

Buckner, Thomas Addison III
Burris, Edith Goldapp
DuBose, W. L.
Jackson, Thomas Ray
Kratz, Jeremiah F.

Luehlting, Waldemar H.
Schulze, Mary Margaret
Sebesta, Daniel Ray
Sebesta, David John

Bachelor of Science

Dedeke, Walter C.
Pickens, E. Eugene

Tate, Clovis
Wright, Larry Frank

Bachelor of Science in Home Economics

Bennmiller, Marjorie Jean Pullin
Bertling, Gay Anita
Bishop, Mary Lou
DuBose, Mary Jane
Duren, LaMerle Cook
Hart, Sharon Anne Jones

Holub, Mildred Dorine
Schmeltekopf, Lilla Kathryn
Staats, Nancy Louise
Von Roeder, Anne
Watkins, Martha Thomas Rogers
Zelenewitz, Gracie Allica

Bachelor of Science in Industrial Arts

L'terson, Arnold
Oppelt, James A.
Sefton, Bonnie Leon

Stewart, Tom Edward, Jr.
Stuart, Chipman Gray
Ziemke, Charles David
Bachelor of Science in Vocational Agriculture

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ammermann, Melvin D.</td>
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<td>Baker, Douglas Ross</td>
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<td>Seyor, Eugene D.</td>
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<td>Box, Thadis W.</td>
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<td>Ermis, Edwin B.</td>
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<td>Knutson, Jean Dale</td>
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<td>Lancaster, James Aaron</td>
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<td>Montague, John H.</td>
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<td>Nance, Larry Lewis</td>
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<td>Schlueter, Stanley Jean</td>
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<td>Smith, Elbert L.</td>
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<td>Winters, Charles Franklin</td>
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Bachelor of Music Education

Pentecost, James Franklin

Bachelor of Business Administration

<table>
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<th>Name</th>
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<tr>
<td>Brown, Donald Eugene</td>
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<td>Latta, James McKay</td>
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<td>McChristial, Jimmie Maurice</td>
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<td>Muecke, James Edward</td>
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<td>Rodgers, Leslie Loyd</td>
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<td>Thurman, Richard Waverly</td>
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<td>Traylor, Janet</td>
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<td>Wilson, John Carroll</td>
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Master of Education

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<td>Brannan, Patricia Moore</td>
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<td>Dry, Donald Eugene</td>
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<td>Hohman, Ann Nite</td>
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<td>Horton, Nina W.</td>
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Master of Arts

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<tr>
<td>Bailard, Josephine</td>
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August 23, 1956

Bachelor of Science in Education

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</table>
Bachelor of Arts

Burris, John Howard
Jones, Linden Earl Jr.
McCollum, James Preston

Bachelor of Science

Bird, John Kenneth
Boaz, M. Sidney
Chaney, Glenn Morison

Bachelor of Science in Home Economics

Bell, Peggy Nell
Button, Betty Ann
Singleton, Dorothy Maxine Camp

Bachelor of Science in Industrial Arts

Cody, William Rheiner
Heyn, Frederick Adolph

Bachelor of Science in Vocational Agriculture

Barnes, George William
Batay, Andy Hugh
Chenault, Charles Blake
Edge, Lyle N.

Bachelor of Business Administration

Coalson, Jov Ann Mitchell
Henderson, Robert Charles
Herring, Delores

Master of Arts

Allen, Ernest L.
Bear, John LaRue
Bode, Frances Kruse
Davis, Effie Mae
Dickey, Doris M.
Donahoo, Newell Truman
Falk, Irene Wilson
French, Claire Norwood
Garner, Freda Elaine
Gatewood, Robert N.
Klingeman, Morris

Bachelor of Arts

Mckinley, Ruth P.
Matus, Annie Laurie
Mayes, Raymond Vance
Mendoza, Armida Patricia
Milford, Thomas M.
Miller, Mabel Bozarth
Moore, Bonita Blundell
Morrow, Hazel Hutchison
Mueller, Jo Ann Bradley
Norberg, Lottie M.
Novlan, Allen Francis
Osborne, Lula Rae
Palacios, Elvira
Paimour, Vernelle Woehler
Pavlu, Mary Elrose
Pena, Maria Amalia Zuniga
Peterson, Glenn F.
Reyes, Maria Florinda
Reyns. Joe G.
Rowley, Carolyn

Bachelor of Science

Rue, Carrick Ann Berry
Rutledge, Viola
Sailors, Betty Sue
Seifert, John Ray
Smith, Patricia Ann
Socha, Maurice Henry
Stafford, Jean
Strauss, Erlene
Stubblefield, Lorene
Tillman, Patricia Annette
Vacek, Jerome Charles
Wagner, Jo Annette
Waller, Ona Scott
Watlington, Edna A.
Weinheimer, Wilfred Lawrence
Williams, Virgii Irene
Wilson, Frances Ruth
Wingo, Bonnie Ruth
Zuehl, Enid Holmgreen

Bachelor of Science in Industrial Arts

Pappas, Jimmy
Unangst, Neva Jay

Bachelor of Science in Home Economics

Dickens, Milford Laverne
Dinges, Willie Ray
Duey, Clarence James Jr.

Bachelor of Science in Vocational Agriculture

Vacek, Dorothy Anna Barta
Williamson, Elizabeth Johnson

Bachelor of Business Administration

Sooter, Robert Lee

Master of Arts

Rhodes, Roger Thomas
Van Kleef, George Jefferson
Wilhite, Clarence Brooks

Lopez, Mary Louise
Luther, Bessie B. J.
Moltz, Ellis
Nance, Joyce E.
Pollard, Marjorie N.
Solls, Juan D.
Stewart, Margie Terrell
Thompson, Mildred H.
Velt, Waillie Luerksen
White, Lloyd Jr.
Wilhite, Charles Ronald
Master of Education

Anderegg, Dan L., Jr.
Anderson, Morna Hope
Baize, Gladys Lytton
Barber, Adella
Bassous, Sammy D.
Beaty, Ann Moore
Beaty, Robert E.
Bodden, Florence Bluntzer
Bouligny, J. E.
Bowers, Margaret Elizabeth
Bradshaw, Grace
Brauner, Frank Jr.
Brooks, Richard Lavern
Campbell, Elinor Blundell
Campbell, Lucius Maxwell
Coleman, J. D.
Cope, Geraldine N.
Crawford, Katherine G.
Crocker, Glen C.
Cross, Kenneth James
Crossland, Wanda Ann
Cunningham, Maxine Fullmer
Dahiberg, Elmer F.
Dalton, Emmett Neal
Doss, Thomas Norris Jr.
Dyer, Ruby B.
Edwards, Zilpah D.
Etzel, Anita
Etzel, Violet Benold
Fitch, Norma Moss
Flessner, Leslie G.
Foust, Charles Edward
Frazier, Garnett Townsend
Frisby, Jon C.
Gescheidle, Beulah L.
Gillotte, Alma E.
Gillia, James Fulton
Glass, Eddie B. Jr.
Hall, Marguerite B.
Harrington, Rachel Ruth
Heyn, Bernardene Harris
Hunt, Jack
Hunt, Katherine Lay
Johnson, Wilene Beakley
Keith, James L.
Kirschner, Robert Paul
Koch, Charles H.
Lansford, Dorothy B.
Lewis, Benny G.
Loffler, Frederick
Lowe, Harold H.
Lumpkins, Glen B.
Lyle, Lura Branham
McKean, Richard Allen
McKinley, Beatrice Junia
Mackey, Anne Parman
Martin, Velma Chloe
McFall, Charles Roland
Miles, Jack
Mullins, Beryl W.
Null, Lois Lee Speed
O'Banion, Bryan
Okelberry, Warren L.
Patterson, Etta Dean
Pearson, Mary Lea W.
Rahe, Alton Joe
Rahe, Werner O.
Randow, Elton Joe
Rhodes, Ruth Warren
Roberts, Bessie A.
Roberts, Charles S.
Rogers, Joe
Sala, Frankie
Schmeltekoof, Minnie Jo
Schulz, Esther Seekatz
Schulke, Homer W.
Schulze, Jewell Black
Simpson, Joe Bailey
Sippel, Noreen Paasch
Smith, Ann O'Bannon
Smith, Normadale Adams
Sustr, Benjamin Josef
Swindler, Gerald Arthur
Taylor, Glenn Edwin
Thurman, Etna
Tucker, Vonnie J.
Vetter, Lawrence C.
Wheeler, Lucy Love
White, B. Yvonne
Wiese, Georgia Roberts
Williams, Lewis B. Jr.

ALPHA CHI MEMBERSHIP

January, 1956
Graduate Membership

Drake, Iris Evelyn
Hay, Gerald

Naumann, Stanley John
Ohlendorf, Frances Anne

May, 1956
Graduate Membership

Bertling, Gay Anita
Burris, Edith Goldapp
Duren, La Merle Cook
Golden, Ella Mae
Howell, Emily Ann
Price, Glen Leroy

Schulze, Mary Margaret
Sebesta, Daniel Ray
Sebesta, David John
Steeves, Kenneth Simon
Von Roeder, Anne
Whiddon, Elaine Durham
August, 1956

Graduate Membership

Amis, Frank Edgar  
Ayers, Joyce Anna  
Burgin, Itha Hodges  
Coalson, Joy Ann Mitchell  
Duey, Clarence James, Jr.  
Ellers, Rebecca Ann  
Green, Meta Geraldine Rabke  
Hazlett, William Glenn  
Johnson, Lucy Stacy  
Moore, Bonita Blundell  
Morrow, Hazel Hutchison  
Pappas, Jimmy  
Sochia, Maurice Henry

Regular Session, 1956-1957

Senior Membership

Albrecht, Mary Sue  
Allen, Grace Louise  
Allison, Charles  
Beauchamp, Ronald  
Berglund, Jack  
Brandt, Royce  
Burnett, Mary Maude  
Chapman, Robert  
Counts, Dorothy  
Cox, Joe  
Dunlop, Darrell  
Eickenroth, Ralph A.  
Fairchild, James  
Gann, James  
Grant, Don  
Graves, Cecil  
Hannon, Herbert  
Huffman, Minor  
Kennedy, Keith  
Lee, Dorothy  
Lewis, Don L.  
Long, Fred  
Range, Robert  
Rhodes, Margaret  
Ruble, Emma Jewel  
Tolle, Gladys  
Tebochner, Darlene  
Wilson, Barbara J.  
Wofford, Thomas  
Youngblood, Carol

Junior Membership

Arnold, Kathleen  
Ballard, Donald D.  
Baugh, Joe R.  
Beck, Robert Earl  
Berg, Harold  
Castillo, Raquel  
Crumbley, Lee Ann Marie Claussen  
Harborth, Ruth Patricia  
Haveriah, Loreta  
Horton, Bob  
Krauskopf, Hewitt  
Krauskopf, Patricia  
Lahrman, Norma Jane  
Lightsey, Dewey C.  
Linebarger, Jean  
Marecek, Patricia  
Martin, Edna Rose  
Patterson, Charles  
Perry, Bobby Dee  
Queen, Louise  
Remington, Robin Alison  
Sacks, Maxine  
Sahm, Joyce  
Splittgerber, Martha Anne  
Striedel, Elfriede  
Swetzer, Kathryn E.  
Symm, Richard  
Watts, Harold  
Wyatt, Joe E.  
Zimmerman, Carl
APPLICATION FOR LIVING ACCOMMODATIONS

Reservation is complete when both application and deposit have been received in the Personnel Office and the applicant is notified that a room has been reserved. The deposit is ten dollars ($10.00), returnable if cancellation is received in the Personnel Office according to the following schedule:

- For the Fall Semester ———— On or before August 15
- For the Spring Semester ———— On or before January 4
- For Summer, 1st 6 weeks ———— On or before May 15
- For Summer, 2nd 6 weeks ———— On or before July 1
- For Workshops ———— One week prior to the first session of the workshop

Withdrawal from the residence hall during a semester will ordinarily mean forfeiture of room deposit.

For what semester are you requesting reservation? (Check One and give year)

Fall Sem. ___ 19 ___ : Spring Sem. ___ 19 ___ : SS I ___ 19 ___ : SS II ___ 19 ___

Workshop (Name or Course) ______________________ Date ___________ 19 ___

Name of applicant ____________________________

Classification __________ ———— Age ______ Sex _______
Fr., Soph., Jr., Sr.

Home Address ____________________________ Street Town

Name of Parents or Guardians ____________________________

Types of accommodations preferred: (Check one)

- Dormitory __________ Co-Operative House (Women only) __________

Name of Dormitory or Co-Operative House (if known):

- First choice ___________ Second choice ___________

Roommate preference (if any) ______________________

Floor or room preference (number if known) ______________________

Date _______________

The College reserves the right to close any residence hall when such action is deemed necessary.

Please make check or money order payable to: Southwest Texas State Teachers College.
AIR FORCE ROTC
BASIC AND ADVANCED PHASES
AF ROTC OFFERS ADVANTAGES

The first two years of instruction in the Southwest Texas State Teachers College Air Force ROTC unit provide a foundation for leadership and Air Age Citizenship both to cadets who will complete the four year program and to those who will not. Enrollment in the basic phase, first two years, is open to any male student who meets the requirements for enrollment in the College and has at least two years of residence work remaining toward completion of a degree.

Advanced AF ROTC, the second two years of instruction plus four weeks of summer training at the end of the junior year, builds upon the foundations laid in the basic phase by further developing upper classmen who are under Air Force contract. Only male students who meet the requirements and are selected for an Air Force contract may enroll in advanced AF ROTC.

The AF ROTC Flight Instruction Program provides 35 hours of flight instruction for each AF ROTC senior who is a prospective military pilot. Successful graduates of this program will receive a Private Pilot's Certificate.

Uniforms, air science textbooks, and other AF ROTC training equipment are provided AF ROTC students without cost. Advanced students also receive an allowance of $27 a month.
LT. COL. ALBERT E. HUGHES, USAF

Professor of Air Science

Young men, one of the most important problems confronting you under present uncertain world conditions is that of military service. Little doubt exists that you will receive military training. The question is HOW and WHERE?

Many high school graduates have decided that the most self-satisfying way to provide for this eventual service is through ROTC training. One of the nation's highly acclaimed Air Force Reserve Officers Training Corps is in operation at Southwest Texas State Teachers College.

Primarily, this fully accredited AF ROTC program is intended to provide the Air Force with officers qualified for active duty. But AF ROTC training also is designed to benefit cadets who remain civilians. For the stress is on military and academic instruction under military discipline emphasizing Air Force requirements, but this instruction is incorporated into the over-all college curriculum.

Specific civilian and military benefits derived from the program include the ability to understand and evaluate national and world affairs in the Air Age. AF ROTC study offers new perspective on international developments, the place of civilian and military aviation in the U. S. economy, the importance of air power in the defense of the nation. With this increased awareness of the nature of the Air Age, you will be better prepared to make informed, responsible judgments on the local, national, and international questions that face the citizen of today and tomorrow.

Deferments from induction in the military service will be granted to students in good standing. Beginning freshmen will be required to satisfactorily complete the first semester of Air Science before a draft deferment can be granted.

In order to meet the legal requirement for a degree from the College, a student must have credit for Government 61 or its equivalent and complete the basic course in AF ROTC. For a student who does not take military training, six hours in government must be completed. Such a student must complete Government 61 and Government 62 or their equivalents in meeting the legal requirement for a degree.

Applications or requests for information about AF ROTC are welcomed. Write to Professor of Air Science, at the College.