TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

Catalogue 1931-1932

WITH ANNOUNCEMENTS OF COURSES AND FACULTY

For 1932-1933

ADD-RAN COLLEGE OF ARTS AND SCIENCES
BRITE COLLEGE OF THE BIBLE
SCHOOL OF FINE ARTS
SCHOOL OF EDUCATION
THE GRADUATE SCHOOL

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AN IDEAL EDUCATION

"And Jesus advanced in wisdom and stature, and in favor with God and man."

—Luke 2:52.

CALENDAR

Session 1932-33

Fall Semester, September 19 to February 1

(For instructions for registering, see page 57)

Close of the Period for Filing Applications and Transcripts.....Sept. 1

Final Date for Acceptance of Applications and Transcripts.....Sept. 7

Entrance Examinations (See Page 43).....Sept. 9, 10, 12, 13

Freshman Organization Program.....Sept. 15-18

(On account of the plan for organizing the Freshmen, all must report by 9:00 a. m., September 15. Only a small number, if any, can be admitted after that. The right is reserved to reject all who apply after that time.) See page 57.

Program for Enrollment of Transfer Juniors and Seniors.....Mon., Sept. 19

(All such should plan to be present all day Monday in order to get courses properly adjusted.)

Completion of Enrollment of Others Than Freshmen.....Mon., Sept. 19

(All are expected to arrange courses during the previous spring, or summer. This completion day is to care for emergency situations that could not be adjusted earlier.)

First Meeting of Freshmen M. W. F. Classes....Mon., Sept. 19

First Meeting of All T. T. S. Classes, Both Freshmen and Upperclassmen.....Tues., Sept. 20

Formal Chapel Opening, 10 A. M.....Fri., Sept. 23

Convocation Sermon, 11 A. M.....Sun., Sept. 25

President's Reception, 8 P. M.....Fri., Sept. 30

Mid-Semester Examinations, Close on.....Nov. 5

Armistice Day Chapel Program.....Nov. 11

Under the auspices of the Bio-Geo Club.

Thanksgiving Chapel Program.....Nov. 23

Under the auspices of the Y. W. C. A.

Thanksgiving Holiday.....Nov. 24-27

(Absences are charged double for the last meeting of any class before a holiday and the first meeting after a holiday.)

Close for Christmas Holidays.....2:00 P. M., Wed., Dec. 21

Classes Resume After Holidays.....Tues., Jan. 3

(Absences are charged double for the last meeting of any class before a holiday and the first meeting after a holiday.)

Final Examinations for Fall Semester.....Jan. 25-31

Spring Semester, February 1 to June 7

Enrollment for Spring Semester.....Jan. 25-31
Spring Semester Opens, Classes Organizing....Wed., Feb. 1
Lincoln's Birthday Chapel Program.....Feb. 10
Under the auspices of the Parabola.
Board of Trustees Annual Meeting.....Thurs., Feb. 9
Washington's Birthday Chapel Program.....Feb. 22
Under the auspices of the Brushes.
Texas Independence Day Chapel Program.....March 1
Under the auspices of the Glee Club.
Last Day for Receiving Master's Theses,
Preliminary Form.....April 1
Mid-Semester Examinations, Close on.....March 31
Easter Vacation, Including.....April 14-17
(Absences are charged double for the last meeting of any class before a holiday and the first meeting after a holiday.)
San Jacinto Day Chapel Program.....April 21
Under the auspices of the Scholarship Society.
Last Date for Master's Theses, Final Form.....May 2
Pageant .....May 13
Mother's Day Chapel Program.....May 15
Under the auspices of Y. M. C. A.

Commencement Season, 1933

Class Day Exercises, 6:30 P. M.....Saturday, June 3
Baccalaureate Sermon, 11:00 A. M.....Sunday, June 4
Board of Trustees' Meeting.....Monday, June 5
Ex-Students' Reunion, 5:00 P. M.....Monday, June 5
Commencement Exercises, 7:30 P. M.....Monday, June 5
Spring Final Examinations.....June 1-7
Enrollment for Summer Term.....June 6, 7
Summer Term Classes Begin.....June 8
Summer Term Ends.....August 8

Note:—The policy for observing patriotic holidays is to render appropriate programs in the Chapel on such days, the regular class schedule continuing. The days missed from work are concentrated into holidays at Thanksgiving, Christmas and Easter, thus permitting students to visit home; as one-day holidays would not allow sufficient time for this.

CALENDAR

1932

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
25	26	27	28	29	30	....	23	24	25	26	27	28	29	27	28	29	30	....	....	....	25	26	27	28	29	30	31
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1933

JANUARY							FEBRUARY							MARCH							APRIL						
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
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MAY							JUNE							JULY							AUGUST						
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14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31	....	....	....	25	26	27	28	29	30	....	23	24	25	26	27	28	29	27	28	29	30	31	....	....
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
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1934

JANUARY							FEBRUARY							MARCH							APRIL						
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7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
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MAY							JUNE							JULY							AUGUST						
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6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
27	28	29	30	31	....	....	24	25	26	27	28	29	30	29	30	31	....	....	....	....	26	27	28	29	30	31	....
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BOARD OF TRUSTEES

EXECUTIVE BOARD

Term Expires 1933

C. A. Wheeler.....607½ Throckmorton St., Fort Worth, Texas
S. J. McFarland.....Republic Bank Bldg., Dallas, Texas
D. G. McFadin.....4708 St. John's Drive, Dallas, Texas
H. W. Stark.....Gainesville, Texas
L. C. Brite.....Marfa, Texas

Term Expires 1934

R. H. Foster.....First National Bank Bldg., Fort Worth, Texas
L. D. Anderson.....First Christian Church, Fort Worth, Texas
R. S. Sterling.....Governor's Mansion, Austin, Texas
W. W. Mars.....908 Southland, Fort Worth, Texas

Term Expires 1935

M. E. Daniel.....Breckenridge, Texas
Dan D. Rogers.....Mercantile National Bank, Dallas, Texas
Andrew Sherley.....Anna, Texas
W. S. Cooke.....Steve Cooke Motor Co., Fort Worth, Texas
H. C. Garrison.....Central Christian Church, Austin, Texas

Term Expires 1936

Van Zandt Jarvis.....Route 3, Fort Worth, Texas
D. C. Reed.....Perry & Reed, Austin, Texas
T. E. Tomlinson.....Hillsboro, Texas
Lewis J. Ackers.....Abilene, Texas
Mrs. Ida V. Jarvis.....2300 Weatherbee St., Fort Worth Texas
E. E. Bewley.....Fort Worth National Bank, Fort Worth, Texas

Officers of Board

Van Zandt Jarvis.....President
H. W. Stark.....Vice-President
R. M. Rowland.....Attorney
Butler S. Smiser.....Secretary-Treasurer

BOARD OF TRUSTEES

ADVISORY MEMBERS—TERM ONE YEAR

C. W. Bacon.....Abilene, Texas
H. M. Bandy.....Wellington, Texas
Mrs. Lee Bivins.....1000 Polk Street, Amarillo, Texas
W. A. Brooks.....Forney, Texas
Randolph Clark.....Ranger, Texas
J. W. Darby.....129 W. Agarita, San Antonio, Texas
H. M. Durrett.....2724 Sixth Ave., Fort Worth, Texas
A. E. Ewell.....Fort Worth, Texas
Leslie Finnell.....Fort Worth, Texas
Mrs. R. H. Foster.....2336 Mistletoe, Fort Worth, Texas
Graham Frank.....4711 Gaston, Dallas, Texas
J. W. Gates.....Coleman, Texas
Mrs. Quincy Getzendaner.....Waxahachie, Texas
Dr. R. H. Gough.....2211 Pembroke Drive, Fort Worth, Texas
Mrs. E. M. Haile.....2829 Hemphill, Fort Worth, Texas
Chas. Halsell.....Bonham, Texas
James Harrison.....1008 Burk Burnett Bldg., Fort Worth, Texas
Mrs. A. A. Hartgrove.....Millerview, Texas
L. B. Haskins.....820 Blaylock Drive, Dallas, Texas
Mrs. H. B. Herd.....1826 Sixth Ave., Fort Worth, Texas
C. C. Huff.....4201 Lake Side Drive, Dallas, Texas
Walter P. Jennings.....Lubbock, Texas
Boyd Keith.....3305 Oak Lawn, Dallas, Texas
J. W. Kerns.....San Antonio, Texas
F. W. O'Malley.....Pampa, Texas
W. W. Phares.....3508 Holmes, Dallas, Texas
C. B. Reeder.....1300 Jackson, Amarillo, Texas
E. D. Salkeld.....Abilene, Texas
Clifford Weaver.....McKinney, Texas
Mrs. J. N. Winters.....1210 Sixth Ave., Fort Worth, Texas
Dr. S. A. Woodward.....1028 Fifth Ave., Fort Worth, Texas
L. N. D. Wells.....4708 Gaston, Dallas, Texas

STANDING COMMITTEES OF THE TRUSTEES

Executive. *Van Zandt Jarvis, Chairman;* W. S. Cooke, Chairman pro tem; L. D. Anderson, C. A. Wheeler, H. W. Stark, W. W. Mars, E. E. Bewley, R. H. Foster.

Athletic. Dan D. Rogers, Milton Daniels, C. A. Wheeler.

Auditing. *Dan D. Rogers, Chairman;* W. S. Cooke, H. C. Garrison, R. H. Foster.

Building and Grounds. *H. W. Stark, Chairman;* R. S. Sterling, L. C. Brite, Lewis J. Ackers, Andrew Sherley.

Endowment Funds. *Van Zandt Jarvis, Chairman;* Dan D. Rogers, E. E. Bewley, D. C. Reed, W. S. Cooke.

Faculty. *L. D. Anderson, Chairman;* D. G. McFadin, Dan D. Rogers, M. E. Daniel, R. H. Foster, T. E. Tomlinson.

Finance. *C. A. Wheeler, Chairman;* D. C. Reed, E. E. Bewley, Milton Daniel, W. S. Cooke.

OFFICERS OF ADMINISTRATION

Edward McShane Waits, A. B., LL. D.....
.....*President of the University*
Colby D. Hall, A. B., A. M.....
.....*Dean of the University and Brite College of the Bible*
John Lord, Ph. D.....*Dean of the Graduate School*
Butler S. Smiser, A. B.....*Business Manager and Treasurer*
Ernest R. Tucker, B. S., A. B., A. M.....*Registrar*
Raymond A. Smith, A. B., A. M., B. D.....
.....*Secretary to the Faculty*
Dr. J. H. Sewell, M. D.....*Medical Director*
Mr. A. R. Curry, A. B., B. L. S.....*Librarian*
Mrs. J. E. Mothershead.....*Assistant Librarian*
Mrs. Sadie Beckham.....*Dean of Women*
Miss Lide Spragins, A. B., M. A.....*Assistant Dean of Women*
Mrs. Beulah Boggess.....*Matron*
L. L. Leftwich, A. B., M. A., B. D.,.....*Dean of Men*
Mrs. Irene Smiser.....*Cashier*
Mrs. Georgia Harris.....*Stewardess, Cafeteria*
L. L. Dees.....*Supt. Buildings and Grounds*
Leta Bonner.....*Resident Nurse*

FACULTY

Professors, Associate Professors, Assistant Professors and Instructors

(Arranged Alphabetically)

EDWARD MCSHANE WAITS, *President of the University*
A. B. (Transylvania), 1896; LL. D. (Transylvania), 1923.

COLBY D. HALL, *Dean of the University and of Brite College of the Bible; Professor of History of Religion.*
A. B. (Transylvania), 1902; Classical Diploma (The College of Bible, Transylvania), 1902; A. M. (Columbia), 1904; Graduate study (Columbia).

CHARLES IVAN ALEXANDER, *Assistant Professor in Geology*
B. S. (T. C. U.), 1924; M. S. (T. C. U.), 1926; Ph. D. (Princeton), 1928.

MARGARETHA ASCHER, *Associate Professor in German*
A. B. (University of Michigan), 1899; A. M. (University of Chicago), 1911; Ph. D. (University of Michigan), 1917. (1909-10 Grenoble, France, and Berlin, Germany.)

KARL E. ASHBURN, *Assistant Professor in Economics*
A. B. (T. C. U.), 1926; M. A. (T. C. U.), 1928; Ph. D. candidate (Duke University), 1931.

KATHERINE MCKEE BAILEY, *Associate Professor of Piano*
B. M. (Bush Conservatory) 1913; Diploma (Progressive Series College) 1929; pupil of Harold von Mickwitz, Leopold Godowsky.

JOHN W. BALLARD, *Professor of Business Administration*
B. C. S. (New York University), 1916; C. P. A. (State of Texas).

F. E. BILLINGTON, *Professor of Christian Ministries*
A. B. (U. of Oregon), 1903; A. M. (U. of Oregon), 1913; B. D. (Eugene Divinity School), 1902; Ph. B. (LaFayette Seminary), 1892; M. R. E. (Boston U.), 1923.

ADELINE BOYD, *Instructor in Piano*
B. M. (T. C. U.), 1929.

CONSUELO GARZA BROCKETTE, *Assistant Professor in Spanish*
A. B. (U. of Texas), 1922; M. A. (U. of Texas), 1926.

ARTEMISIA B. BRYSON, *Assistant Professor in English.*
A. B. (T. C. U.), 1924; M. A. (U. of Chicago), 1926. Graduate work, summer 1929. Harvard.

HELEN FOUTS CAHOON, *Head of Department of Voice*

Pupil of Max Heinrich, Lieder, Opera, and Oratorio; joint recitals with Mr. Heinrich; French repertoire with Charles W. Clark; pupil of Marcella Sembrich, New York.

EMORY C. CAMERON, *Associate Professor of Old Testament*

A. B. (Philips U.), 1924; M. A. (Philips U.), 1926; Graduate study, two years, Princeton U., 1926-28. Beginning 1930-31.

EULA LEE CARTER, *Associate Professor in Spanish*

A. B. (U. of Texas), 1919; M. A. (U. of Texas), 1925.

ADELLE CLARK, *Instructor in Spanish*

A. B. (C. I. A.), 1924; M. A. (Columbia U.), 1930.

MERREL DARE CLUBB, *Professor of English Literature*

A. B. (Pomona College), 1920; Ph. D. (Yale), 1924.

JOSIAH H. COMBS, *Professor of Modern Languages*

A. B. (Transylvania), 1911; Equivalent de la Licence (University of Paris), 1923; Docteur (de l'Universite de Paris), 1925.

JOSEPH B. COWAN, *Assistant Professor in Journalism*

B. J. (U. of Missouri), 1929.

B. A. CROUCH, *Assistant Professor in Education*

A. B. (Baylor U.), 1926; M. A. (T. C. U.), 1927.

ARTHUR R. CURRY, *Librarian, Chair of Library Science and Administration*

B. A. (U. of Texas), 1916; B. L. S. (U. of Illinois), 1921.

G. W. DUNLAVY, *Associate Professor of History*

A. B. (Iowa State Normal); B. S. (Iowa State Normal); Graduate study (Harvard). On leave of absence 1932-33.

EDWIN A. ELLIOTT, *Professor in Economics*

B. A. (T. C. U.), 1923; B. B. A. (T. C. U.), 1924; A. M. (U. of California), 1925; Ph. D. (U. of Texas), 1930.

BESSIE PLUMMER ELLIS, *Instructor in Latin and Spanish*

A. B. (T. C. U.), 1927; M. A. (T. C. U.), 1931.

BONNE M. ENLOW, *Assistant Professor in Home Economics*

B. S. (C. I. A.) 1924; M. A. (Columbia U.) 1931.

LEW D. FALLIS, *Professor of Public Speaking*

A. B. (U. of Washington), 1904; (Graduate the Curry School of Expression), Boston, 1911; Philosophy Diploma (Ibid.), 1927.

NEWTON GAINES, *Associate Professor of Physics*

B. S. in E. E. (U. of Texas), 1912; M. A. (U. of Texas), 1924; Ph. D. (U. of Texas), 1931.

JAMES A. GATHINGS, *Assistant Professor of Government,* Supply 1931-32.

M. A. (Duke University), 1930; University of Chicago graduate student, 1930-31.

HENRY D. GUELICK, *Professor of Piano and Theory, and Head of Music Department*

A. B. (Northwestern College), 1905; B. M. (Grand Conservatory N. Y.), 1907; D. M. (Univ. of St. N. Y.), 1911.

WILLIAM J. HAMMOND, *Associate Professor of History*

A. B. (T. C. U.), 1923; A. M. (T. C. U.), 1924; Ph. D. (University of Calif.), 1929.

FRANK WOODALL HOGAN, *Professor of Chemistry*

B. S. (Vanderbilt), 1911; M. S. (Vanderbilt), 1912; Graduate study (Chicago).

SAMUEL WARD HUTTON, *Assistant Professor in New Testament and Worship Ministries*

A. B. (T. C. U.), 1911; Graduate study, Boston U.; Chicago U. B. D. (T. C. U.) 1931.

FRANKLIN G. JONES, *Professor of Secondary Education*

A. B. (T. C. U.), 1890; M. A. (T. C. U.), 1918; M. A. (Columbia), 1920.

WALTER S. KNOX, *Instructor in Physical Education*

A. B. (State U. Iowa), 1927; Graduate study State U. of S. Calif.

MRS. LENA KNOX, *Instructor in English*

A. B. (Baylor U.) 1921.

LACEY LEE LEFTWICH, *Dean of Men*

A. B. (Culver-Stockton), 1922; M. A. (Chicago), 1924; B. D. (Ibid.), 1925.

CLINTON LOCKHART, *Professor of Old Testament and Semitics*

A. B. (Transylvania), 1886; A. M. (Transylvania), 1888; Ph. D. (Yale), 1894.

JOHN LORD, *Professor of Government, Chairman of Social Science Departments, Dean of the Graduate School*

A. B. (Transylvania), 1904; A. M. (Syracuse), 1915; Ph. D. (Syracuse), 1922.

ERRETT WEIR MCDIARMID, *Professor of Philosophy*

A. B. (Bethany), 1895; A. M. (Bethany), 1896; A. M. (Hiram) 1897.

JOHN MCDIARMID, *Instructor in Government*

A. B. (T. C. U.), 1931; M. A. (T. C. U.), 1932.

ED. R. MCWILLIAMS, *Instructor in Greek and Bible*

A. B. (T. C. U.), 1928; B. D. (T. C. U.), 1931; Instructor part time during 1930-32.

MABEL MAJOR, *Associate Professor of English*

A. B. (Missouri U.), 1914; B. S. (Missouri U.), 1916; M. A. (Missouri U.), 1917; Graduate study (Chicago).

KATHERINE MOORE, *Instructor in Public Speaking*

Teachers Diploma, School of Expression (Curry), 1926; A. B. (T. C. U.), 1929.

WALTER MOREMAN, *Assistant Professor in Biology*

B. S. (T. C. U.), 1925; M. S. (T. C. U.), 1926; Ph. D. (U. of Kansas), 1930.

WILLIAM CHARLES MORRO, *Professor of New Testament*

A. B. (Transylvania), 1898; M. A. (Transylvania), 1903; B. D. (Yale), 1904; Ph. D. (Harvard), 1906.

HELEN WALKER MURPHY, *Instructor in Physical Training*

Student American College of Physical Education.
A. B. (T. C. U.) 1931.

LEO R. MEYER, *Instructor in Physical Training*

B. A. (T. C. U.), 1922.

H. L. PICKERILL, *Professor of Religious Education*

A. B. (Transylvania), 1919; B. D. (Transylvania), 1921; Graduate study (Chicago).

J. WILLARD RIDINGS, *Professor of Journalism*

B. J. (U. of Missouri), 1925; M. A. (U. of Missouri), 1928.

CHARLES H. ROBERTS, *Professor of History*

A. B. (Kansas State Normal), 1895; A. B. (T. C. U.), 1914; A. M. (T. C. U.), 1916; Graduate study (Columbia).

CLAUDE SAMMIS, *Head of Department of Violin and Director of Band and Orchestra*

B. M. (University Conservatory, Chicago), 1928; Diploma, Pub. Sch. Mus. (School of Music, Yale University), 1920; Artist's Diploma (New Haven School of Music), 1920. Graduate study (Columbia). Pupil of Ottakar Sevcik, Louis Svecenski and Paul Stoeving, New York.

FRANCIS SCHMIDT, *Instructor in Physical Training*

L. L. B. (U. of Neb.), 1907.

GAYLE SCOTT, *Professor of Paleontology*

A. B. (T. C. U.), 1917; M. S. (T. C. U.), 1920; Dr. es Sc. (Grenoble, France), 1925.

DAVID SCOULAR, *Instructor in Voice*

Mus. B. (Lawrence C.), 1929. Pupil of Helen Fouts Cahoon. Served in sessions of 1930-31, 31-32.

JOHN H. SEWELL, *University Physician; Head of Department of Health*

M. D. (Johns Hopkins).

ELIZABETH SHELBURNE, *Instructor in Mathematics*

A. B. (T. C. U.), 1920; M. A. (T. C. U.), 1931.

CHARLES R. SHERER, *Professor of Mathematics*

A. B. (Univ. of Nebraska), 1917; A. M. (Univ. of Nebraska), 1921;

MIRTH W. SHERER, *Instructor in Government*

A. B. (U. of Neb.), 1922; M. A. (U. of Neb.), 1926.

LORRAINE SHERLEY, *Instructor in English*

A. B. (T. C. U.), 1926; M. A. (U. of Texas) 1930.

RAYMOND A. SMITH, *Professor of Education, and Director of School Education*

A. B. (Butler), 1900; A. M. (U. of Indianapolis), 1904; B. D. (Yale), 1905.

REBECCA SMITH, *Associate Professor of English, Chairman of English Department*

A. B. (Ky. University), 1916; A. M. (Columbia U.), 1918; Graduate study (U. of Chicago).

WILLIAM C. SMITH, *Professor of Sociology.*

A. B. (Grand Island College), 1907; A. M. (U. of Chicago), 1912; Ph. D. (U. of Chicago), 1920.

LIDE SPRAGINS, *Assistant Professor in English and Assistant Dean of Women*

A. B. (Randolph-Macon), 1910; M. A. (Columbia), 1927.

MARGARET TRIPPET, *Instructor in Psychology*

A. B. (U. of Texas), 1928; M. A. (U. of Texas), 1929.

ALLEN TRUE, *Instructor in History*

A. B. (T. C. U.), 1926; A. M. (T. C. U.), 1929.
On leave of absence 1932-33.

E. R. TUCKER, *Associate Professor of Mathematics and Registrar*

B. S. (Citadel), 1902; A. B. (T. C. U.), 1920; M. A. (T. C. U.), 1921.

HAZEL TUCKER, *Instructor in Psychology and Philosophy*

A. B. (T. C. U.), 1926; A. M. (T. C. U.), 1929.

CATHERINE WEAVER, *Instructor in English*

A. B. (U. of Mich.), 1918; M. A. (T. C. U.), 1929—Beginning 1929-'30.

RAYMOND L. WELTY, *Associate Professor of History*

B. S. (State Teachers College, Kansas), 1918; M. A. (George Washington University), 1920; Ph. D. (Univ. of Iowa), 1924.

J. LAURENCE WHITMAN, *Professor of Chemistry*
A. B. (Oregon), 1914; M. S. (Oregon), 1915; Ph. D. (Iowa), 1924.

RUTH WILLIAMSON, *Instructor in Commerce*
B. B. A. (T. C. U.), 1929.

HORTENSE WINTON, *Laboratory Instructor in Biology and Curator of the Museum*

WILL MCCLAIN WINTON, *Professor of Geology, Chairman of Natural Science Departments*
B. S. (Vanderbilt), 1907; M. S. (Vanderbilt), 1908.

RAYMOND WOLFE, *Instructor in Physical Training*
B. B. A. (T. C. U.), 1928.

L. C. WRIGHT, *Head of Physical Training Department*
A. B. (T. C. U.), 1911.

SAMUEL P. ZEIGLER, *Head of Art Department*
A. B. (T. C. U.), 1924; Cresson European Scholarship, P. A. F. A., Graduate, Philadelphia Musical Academy, 1911.

LECTURERS

DOUGLAS TOMLINSON, *Lecturer in Journalism*
(T. C. U.), LL. B. (U. of Texas); Grad. Student (Columbia L. School of Journalism).

JOHN B. HAWLEY, *Consulting Hydraulic Engineer*
B. S. (Minnesota); M. A. (T. C. U.); Research Associate in Biology.

FELLOWS AND SCHOLARS

FOR 1932-'33

HENRY BEALL, A. B., *Scholar in Government*
DOUGLASS BULLINGTON, A. B., *Scholar in Government*
LAWRENCE COULTER, A. B., *Scholar in Economics*
LEROY CLARDY, B. S., *Fellow in Chemistry*
LLOYD DOUGLAS, A. B., *Scholar in English*
ROY OLIVER, *Fellow in Chemistry*
HAL WRIGHT, A. B., *Fellow in Economics*

A Record of Student Assistants for 1931-'32

(The following served during the session of 1931-32, but were appointed too late for the 1931 catalog. They are published here for permanent record.)

Graduate

PERRY GRESHAM, *Graduate Scholar in Bible*
ELMER HENSON, *Graduate Scholar in Bible*

Undergraduate Student Assistants

In Art: LUCILE RICHHART
In Band and Orchestra: ALBERT LUPER, MARY PAGE MARTIN, JAMES T. WATKINS
In Biology: C. W. ALEXANDER, M. S. JACKSON
In Chemistry: HOWARD FITCH, ROY OLIVER, JERE VAN ZANDT, BILLIE MORGAN
In History: AL B. NELSON
In Home Economics: VERNOLA MAY HENRY
In Journalism: ELBERT J. HALING
In Mathematics: INA BRAMLETT, DOROTHY KELLER
In Piano: MOZELLE BRYANT, ROWENA DOSS, CLARK RHODES
In Physical Education: ROLAND BALCH, JUANITA FREEMAN, PHILO MAE MURPHREE, KATHRYN PRATER
In Physics: BRANT CONWAY, WM. FELLOWS, O. B. JACKSON, HENRY T. RAINES, T. R. SHUGART
In Public Speaking: PAUL LOGAN MARTIN

COMMITTEES OF THE FACULTY

Administrative Committee.
President Waits, Dean Hall, Mr. Smiser.

Athletics. *Professor McDiarmid, Chairman.*
Professors Elliott, Welty, Mr. Smiser, Mr. Wright, Miss Carter.

Chapel Program. *President Waits, Chairman.*
Professors Fallis, Guelick, Combs, Hutton.

Chapel Attendance. *Professor Tucker, Chairman.*
Misses Carter, Spragins, Mrs. Tucker, and assistants to be appointed.

Classification and Curriculum. *Dean Hall, Chairman.*
Professors Lord, Ballard, Tucker, Winton, Clubb, Raymond A. Smith.

Entrance Examination. *Professor Hammond, Chairman.*
Professors F. G. Jones, Sherer, Mrs. Brockette, Miss Shirley.

Faculty Meeting Program. *Professor Clubb, Chairman.*
Professors Guelick, Hogan, Miss Major, Mrs. Brockette.

Honor. *Dr. Lord, Chairman.*
Dean Hall, Professor Roberts.

Library. *Dr. Morro, Chairman.*
Professors, McDiarmid, W. C. Smith, Rebecca Smith, Whitman, Curry.

Prejunior. *Dr. Lord, Chairman.*
Dean Hall, Professors R. A. Smith, Tucker, Sherer, Dr. Morro, Dr. Alexander.

Public Speaking. *Professor Fallis, Chairman.*
Professors Pickerill, Welty, Crouch, Billington, Hammond.

Publication. *Professor McDiarmid, Chairman.*
Dean Hall, Mr. Smiser, Professors Ridings, Whitman.

Recommendation of Teachers. *Professor Raymond A. Smith, Chairman.*
Professors Major, Carter.

Social Calendar. *Mrs. Beckham, Chairman.*
Professor Ballard, Mrs. Sherer, Miss Sherley, Miss Spragins, Mr. Leftwich.

Student Employment. *Professor J. W. Ballard, Chairman.*
B. S. Smiser, L. C. Wright.

Student Government and Personnel. *Professor Tucker, Chairman.*
Professors Leftwich, Elliott, Gayle Scott, F. G. Jones, Mrs. Beckham, Miss Spragins.

Student Societies. *Miss Eula Lee Carter, Chairman.*
Professors Ashburn, Pickerill, Mrs. Sherer, Mrs. Bryson, Miss Clark.

Student Advisers.
Pre-Medic and Science, Professor Winton.
Pre-Law, Professor Lord.
Teachers, Professor R. A. Smith.
Journalism, Professor Ridings.
Professor of Major Department, for Juniors and Seniors.
Business Administration, Professor Ballard.

General Information About the University

HISTORICAL

Texas Christian University is a child of the lofty purpose and heroic endeavor of two early educators in Texas, Addison Clark and his brother, Randolph Clark. These two brothers were united not only by the bonds of blood but also by the hardships of camp and battle life of the sixties. They lived together, they planned together, they formed a common purpose—that of dedicating their lives to Christian education. In the autumn of 1873, in the village of Thorp Spring, Texas, Randolph Clark leased a three-story stone structure and opened the first session of what became Add-Ran College. Thirteen students were enrolled the first day. Addison Clark, who remained to close out a private school contract in Fort Worth, joined his brother a few months later. A charter was obtained under the general laws of the State of Texas and became effective April 11, 1874. The purpose expressed in this charter was to support and promote literary and scientific education. This end was to be attained by maintaining an institution of high order and unexcelled advantages under influences thoroughly Christian, and yet free from all narrow sectional and sectarian principles. In accordance with the provisions of the charter, a faculty was elected with Addison Clark as President; Randolph Clark Vice-President; and J. A. Clark, their father, Business Manager.

While the college was founded as a private institution and continued as such for seventeen years, its founders made clear from the beginning that it was their desire to establish an educational plant for the entire Christian Brotherhood of Texas. This thought is repeatedly expressed in the early catalogs. At a state convention of delegates of the Christian Churches, held at Plano, December 30, 1873, Add-Ran College was unanimously adopted and indorsed as a college for the Christian Brotherhood of Texas. In 1889 the institution became the property of the Christian Churches in Texas, and the name was changed to Add-Ran Christian University. Major J. J. Jarvis was elected as the first President of the Board of Trustees. It continued, however, under the immediate direction of the Clark brothers, maintaining its reputation for scholarly influence, and proving itself to be, even more than before, an institution for which men and women counted it a glory to live lives of devoted self-sacrifice.

In 1895 it was determined to move the University from Thorp Spring to a more advantageous location where the life of a city might enlarge the opportunities of culture afforded the students, and from which the institution might reach more effectively the State at large. Waco was chosen. The Methodist Church had established the Waco Female College, but financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church. On Christmas Day, 1895, the change of location was made. For a time after its removal the growth of the University was retarded by such losses and adversities as attend all transplanting, but with steadfast faith a few heroic souls, chief among whom was Thornton E. Shirley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but surely, the old life became adjusted to the new environment and pulsed with greater and greater vigor until it is now abundantly manifest that the spirit that gave Add-Ran College its splendid character, is continuing to dominate the activities of the institution as it advances toward its larger heritage.

The name Texas Christian University was adopted in 1902 to suit the enlarged purpose and work of the school, while the name Add-Ran, with its multitude of historic associations, was retained as the designa-

tion of the College of Arts and Sciences, the central college of the University.

The name Add-Ran was the personal name of Addison Clark's first born, a son, who died at the age of three years and three days. His name was perpetuated in that of Add-Ran College, founded about the time of his death. A marble slab in the Pioneer Cemetery of Fort Worth inscribed Add-Ran marks the resting place of the little body of him for whom the name was coined and which name the College of Arts and Sciences bears.

On the evening of March 22, 1910, the Main Building of the University burned, depriving the school of class rooms, library, museum, chapel and much valuable furniture, besides the rooms of the young men who occupied the third and fourth floors. The loss was estimated to be about $175,000 and the insurance was only enough to pay indebtedness. After the disastrous fire the University accepted the invitation and the gift of $200,000 and a campus of fifty-six acres from the citizens of Fort Worth, and began to erect new buildings in the fall of that year. Today the campus is adorned by seven large buildings of brick and concrete of symmetrical architecture, and the campus has about 140 acres beautifully decorated.

But the greatest asset of the University is the spirit of its founders. Their one unfailing purpose to bring to manhood and womanhood the triple endowment of worthy scholarship, a true moral impulse, and a nonsectarian but essentially Christian ideal, has inspired, and still inspires, the whole institution.

About 1912, the leading colleges of Texas joined in organizing the Association of Texas Colleges. Texas Christian University, being interested always to maintain and to encourage the best educational standards, was active in this effort, being a charter member.

As the importance of recognized standards increased in the educational world, every effort was made to hold such standards of excellence as would merit the recognition of the high classifying bodies, and other agencies of prestige in the college world. This policy called for some changes and sacrifices, especially in view of the increasing costs of education. The Medical Department, taken over from the old Fort Worth University in 1911, was discontinued in 1918; and the Law Department was discontinued in 1920. This was done because the limited finances made it impossible adequately to maintain these departments.

Likewise the Academy, long a useful adjunct, was closed, that the atmosphere of collegiate life might be better fostered.

This policy of offering only the best won the recognition desired. The Association of American Colleges elected Texas Christian University to membership in 1921; the General Education Board in 1921 approved the standards of the University by granting $10,000 a year for three years for increasing teachers' salaries. In 1922 the Association of Colleges and Secondary Schools of the Southern States admitted Texas Christian University to membership. This body is universally recognized as the official authority for rating colleges in the Southern States. Other recognitions came later as listed on a later page.

The attainment of these standards and the increasing costs of education required larger endowments. The financial struggle naturally has been difficult, but encouraging and successful.

The year 1923 marked the completion of a half century of continuous service of the institution. It became the logical time for a great forward movement and a notable celebration. The goal financially was the liquidation of all indebtedness, amounting to approximately $300,000 and the raising of the endowment to $500,000. It was furthermore determined to secure a half million-dollar boulevard leading from the city to the institution. All these goals were realized and the insti-

tution memorialized these achievements with a great historic celebration and pageant.

The larger contributors to this fund were Dave Reed, Austin, $25,000; M. H. Reed, Austin, $25,000; Harry Rogers, San Antonio, $25,000; Ross Sterling, Houston, $25,000; Mike Thomas, Dallas, $25,000; and the citizens of Fort Worth, $50,000. So great was the interest aroused in the Jubilee Campaign that more than 2,500 donors contributed to this fund.

ENDOWMENT

The rapid building program for the last twelve years had delayed the accumulation of the necessary endowment, but the President and the Board of Trustees have not been unmindful of the necessity of such endowment. They have fully realized that no institution can provide the necessary library and laboratory facilities and pay its instructors adequate salaries merely by tuitions and fees, but must have the income from not less than one million dollars. At the time of the Jubilee in June, 1923, the institution had reached approximately half a million dollars endowment. This was made possible by the generosity of L. C. Brite, who had given $25,000; Mrs. Ida V. Jarvis, $60,000; Andrew Sherley, $100,000; Dave Reed, $100,000; H. W. Stark, $25,000; Dr. S. D. Moore, $5,000, and Ross Sterling, $100,000. These endowment funds are controlled by a committee composed of Van Zandt Jarvis, Andrew Sherley, Dave C. Reed, W. S. Cooke and E. E. Bewley.

At the time of the Jubilee celebration in June the challenge came from the General Education Board in New York to raise the endowment fund from $500,000 to $800,000. Of this the General Education Board was to give $166,667. The President and the members of the Board were pressing toward this goal when Mrs. Mary Couts Burnett, of Fort Worth, Texas, announced that she had determined to create a Board of Trust and to dedicate her entire fortune of $4,000,000 to the cause of liberal learning. The trust document was filed on December 12, 1923, and it provided that Texas Christian University should have one-fourth of the income from the estate during her lifetime and the entire income after her demise, and after a period of years the entire estate was to pass in fee simple to the University. In addition to this munificent gift Mrs. Burnett also provided $150,000 in cash for the erection of a library.

On the sixteenth day of December, 1925, Mrs. Mary Couts Burnett died. The death of Mrs. Burnett was a great sorrow to all the friends of Texas Christian University. We sincerely hoped that she might live long enough to see the fruition of her great and worthy aim to advance the cause of liberal learning in the Southwest.

Immediately upon the death of Mrs. Burnett her relatives filed suit to set aside the trust which she had created in behalf of Texas Christian University. The hazards involved in a long legal procedure through the courts were very disturbing to the interests of Texas Christian University, but after a struggle of two months the affair was very happily compromised by a settlement with the heirs without a suit. The settlement, including court costs and lawyers' fees, amounted to $850,000. This was a large sum to be paid out of the estate, but measured against the hazard of interminable litigation, it seemed the part of wisdom to make the settlement.

The income from this magnificent estate, however, does not solve all of the financial problems of the University. Inasmuch as it would require the income on more than $5,000,000 to meet the standards of education required by the Associations of Colleges in which Texas Christian University holds membership, it will therefore be necessary for the Brotherhood to continue to have fellowship in this task. The State Convention is asked to continue in the general budget of $30,000

to provide for the annual deficit incurred by the greatly increased educational responsibility.

On September 1, 1927, through the strenuous efforts of its friends, the school was able to show a balanced budget to the General Education Board, thus fulfilling the condition of their gift promised in 1923. Accordingly this General Education Board gave its check in November, for $166,666.67, which was added to the productive endowment.

SENIOR CLASS GIFTS

A part of the treasured history of the University is the annual gift made to the Alma Mater by the retiring Senior Class. In order to preserve the records of these gifts a list is being printed herewith. Since this is the first attempt to collate a complete list, it cannot be complete, especially for the years that are more distant. As the members of the other classes furnish information the list will be completed. The approximate value is indicated in each case.

1907	Ivy	
1908	The Fountain (Waco)	$ 150.00
1909	The Arch (Waco)	300.00
1910		
1911		
1912	The Live Oak Tree	150.00
1913	Sixty-five Volumes to Library	125.00
1914	Ninety-eight Volumes to Library	185.00
1915	Boston Ivy on Buildings	100.00
1916	Stone Benches on Campus	150.00
1917	Sidewalks to Flag Pole and Band Stand	150.00
1918	Sidewalks to Goode Hall to Brite College	655.00
1919	Memorial Arch Sponsored	3,500.00
1920	Drinking Fountain in Main Building, C. I. Alexander Memorial	300.00
1921	Sidewalk	170.00
1922	Sidewalk	225.00
1923	Sidewalk	305.00
1924	Sidewalk	317.80
1925	Sidewalk	450.00
1926	Sidewalk (Library)	425.00
1927	Sundial on Campus	618.00
1928	Gateway; Rogers Avenue to Campus	1,500.00
1930	Student Loan Fund	775.00
1931	Student Loan Fund	500.00

MILESTONES OF HISTORY

1873—Founding of Add-Ran College.

1873-1899—Addison Clark, President.

1889—Add-Ran Christian University name adopted and property taken over by the Christian Churches.

1893—Work recognized by State for Teachers' Certificate.

1895—Christmas, moved to Waco.

1902-1906—E. V. Zollars, President.

1902—Named changed to Texas Christian University.

1906-1911—Clinton Lockhart, President.

1910—March 22, Main Building destroyed by fire.

1910—September, school opened in Fort Worth, downtown.

1911-1915—Frederick Kershner, President.

1911—September, school opened on present campus, with Main Building, Jarvis, and Goode Halls.

1911—First Endowment, $25,000, by L. C. Brite.

1912—Fort Worth Medical College adopted as Medical Department.

1912—Becomes a charter member of the Association of Texas Colleges.

1913—Clark Hall completed.

1914—Brite College of the Bible founded, Brite Hall added.

1914—Trustees voted to abolish the Academy, gradually.

1915—School of Law inaugurated.

1916—E. M. Waits, President.

1918—Medical College closed.

1920—$300,000 in Endowment attained.

1920—Law School closed.

1921—Academy finally closed.

1921—The Gymnasium completed.

1921—Recognition and aid by the General Education Board.

1921—Elected to membership in the Association of American Colleges.

1922—Elected to membership in the Association of Colleges and Secondary Schools of the Southern States.

1923—June: Jubilee celebration of the fiftieth anniversary of the founding of the School; $500,000 Endowment.

1923—December: Mary Couts Burnett Trust for Endowment and Scholarship, $4,000,000.

1924—April: Cornerstone laid for Mary Couts Burnett Library, $150,000. New Stadium.

1925—Mary Couts Burnett Library opened, February 27; beginning the East Campus.

1926—Organization of Graduate School. Opening of new Basket Ball Court.

1927—General Education Board's gift of $166,666.67 received.

1928—Placed on approved list Association of American Universities.

1930—New $350,000.00 stadium erected.

Standard in the Educational World

Before the days of widespread standardization, the Clarks aspired to a thoroughness that would make the name of the school distinctive. Add-Ran College was one of the first colleges of Texas to have its work accepted toward teachers' certificates.

As the standards for colleges have been more definitely determined, Texas Christian University has tried faithfully not only to attain them, but to foster them. When the standards for professional schools were advanced so rapidly that the cost of maintaining them required millions of endowment, this University closed its professional departments, in order to maintain the highest standards in its other departments. The Committee from the Council on Education of the American Medical Association inspected the institution in 1916 and approved it for pre-medical work.

For years it was thought sufficient to meet the announced standards of Texas groups; but later it became advantageous to find connections with bodies representing larger sections and the Nation.

So membership was secured (1922) in the Association of Colleges and Secondary Schools of the Southern States, which is the recognized authority for rating Colleges in the South.

Texas Christian University now maintains membership in the following College Associations:

The National Education Association.
The Board of Education of the Disciples of Christ.
The Council of Church Boards of Education.
The Association of Texas Colleges.
The Southern Association of Colleges and Secondary Schools; which itself provides for recognition by The American Council on Education.
The Association of American Colleges.
It is also on the approved list of:
The Association of American Universities.
American Medical Association, Council on Education (for pre-medical work).
American Association of University Women.
The University of the State of New York.

Location

Texas Christian University is situated within the city limits of Fort Worth on the high, rolling prairie to the southwest. It is only thirty minutes' ride by street car from the center of the city. There is a magnificent boulevard leading from the city to the University which passes through Forest Park and affords one of the most scenic drives about the city. The Municipal Golf Links, representing an investment of $200,000, adjoins the campus of the University and afford an immediate contact with one of the great recreational centers of the city.

A new public school building has been erected by the City of Fort Worth, to serve this portion of the city. It cares for children through the sixth grade.

Several miles of paved streets have been added to the improvements of the hill in the last few years.

Fort Worth is a growing city of 200,000 population, and in many ways is an ideal city for university work. It is a railway center of the Southwest, and provides quick and adequate transportation service. It is the regional center of many industrial activities, furnishing a laboratory for many kinds of university research. It has a large number of churches and civic and philanthropic organizations; its public educational facilities are excellent; it has many private schools, and two other institutions of higher learning. The City of Fort Worth

and the University attract many distinguished visitors and lecturers from all parts of the nation, and the entire environment is conducive to the best college and university life. The site affords a commanding view of the city and large vistas of the surrounding country.

The business interests of the City of Fort Worth are heartily supporting the University, as is evidenced by their financial aid in recent campaigns and the co-operation of a number of the luncheon clubs. These organizations have been especially helpful in promoting the usefulness of the institution.

Buildings

The Administration Building is a massive, four-story structure, built of reinforced concrete throughout, faced with cream-colored brick, and absolutely fireproof. The floors, ceilings, staircases, all parts of the building except doors, windows and facings, are incombustible, affording always the maximum of safety. The style of architecture is severely classical, and is entirely in keeping with the high ideals of the school. The class rooms are splendidly equipped throughout with the latest apparatus and furniture.

Jarvis Hall, the residence hall for women, has eighty rooms of ample size. Each room has two large clothes closets, water and electric lights, and is equipped with comfortable furniture. The parlors on the lower floor are spacious and beautifully furnished. The building is heated throughout by steam, and every modern convenience to be found in a home is provided. Thoroughness and comfort without extravagance is the guiding principle everywhere.

Clark Hall is a residence for Freshmen and Sophomore men. It is a four-story concrete building, erected for men in honor of the two brothers, Addison and Randolph Clark, founders of the institution. It has conveniences and equipment equal to that of Jarvis Hall, described above. It will accommodate one hundred and fifty men.

Brite Hall, named for L. C. Brite, by whom it was donated, is a beautiful building, equipped with recitation rooms for the Brite College of the Bible. Its excellent chapel also serves as a religious meeting place for many events of the University.

Goode Hall is a residential hall for Junior and Senior men. It contains fifty-four living rooms. It has modern conveniences, including hot and cold water in each room.

Through the sacrificial labors of Prof. G. A. Lewellyn it was provided by donors, led by Mrs. M. A. Goode of Bartlett, Texas, to reduce the living cost to ministerial students. This object is accomplished by giving these students a reduced rate on room rent, though they do not all live in this building.

Gymnasium. The gymnasium of Texas Christian University is constructed so that it can be utilized by both the men and women of the University. All are required to carry a definite amount of physical training. The building cost $175,000.

The second floor has club rooms for the men and women and also a club room for visiting teams. In the center of the main floor is a trophy hall which is one of the show places of this building. This floor also contains the lockers, baths, rooms for secretaries and physical examiners, and the swimming pool, which is 80 by 35 feet and ten feet at its greatest depth.

The third floor is the gymnasium proper. There are also two courts for volley and hand ball. There is also an auxiliary gymnasium room and a separate frame building erected especially for basket ball, which is also used for gymnasium classes.

The Mary Couts Burnett Library. The new library, which was completed in 1925, is the latest addition to the group of buildings. It

cost $150,000, and was a part of the magnanimous gift of the late Mrs. Mary Couts Burnett. The style of architecture is classical, conforming to the architectural scheme of the whole group of University buildings. It is built of reinforced concrete throughout, faced with cream-colored brick. The columns and the trimmings are of stone. The building is 110 by 80 feet, and is located directly in front of the Administration Building, thus beginning the second unit of development in the quadrangle. The class of 1925 provided walks. There is a sunken garden and a fountain directly in front of the building. The new building is fire-proof and has ample reading room accommodation for 500 students. It has stack room space for 100,000 volumes. All the stairways and inside trimmings are of Tennessee and San Saba marble. The reading room, which is 107 by 45 feet, is the most imposing and beautiful room of the library. In addition to its attractive furnishings, there are various paintings which adorn the walls. The plaster is ornamental and the floor is of rubber tile. The librarian's desk, the wainscoting and other woodwork are quarter-sawed oak.

The Stadium was erected in 1930 through a bond issue largely supported by citizens of Fort Worth, supplemented by friends and alumni of the State. The unit already completed seats about 20,000, but the base is laid for a complete stadium to contain several times that figure. It is pronounced to be one of the most beautiful in the Southwest.

The Laboratory Facilities of the University afford opportunity for individual experiment and investigation in the fields of biology, chemistry, geology and physics. In each of the laboratories, provision is made for carrying out in full the courses outlined in the respective departments. For the comparatively modest program offered, the scientific equipment is unusually fine and complete. At present a major is offered towards the Bachelor's degree in each of the four sciences, and a limited number of candidates are admitted for the Master's degree in the departments of chemistry, biology and geology.

The laboratories for **Biology** and **Geology** occupy the entire ground floor of Clark Hall. These laboratories include a large general laboratory for elementary students and three smaller ones for advanced classes. Staff members and investigators are provided with a number of small research rooms. The equipment includes one hundred double nose-piece microscopes, fifteen triple nose-piece microscopes, fifteen binoculars, a projecting instrument, micro projectors and equipment for photo-micrography, autoclaves, sterilizers, incubators, animal cages and other standard equipment. Additional equipment for **Geology** includes two Gurley alidades, ten Army sketching boards, prismatic compasses, aneroid barometers, and other reconnaissance and precision instruments.

The laboratories and lecture rooms for **Physics** are in the lower floor of the Gymnasium building. This department offers enough courses to permit a major in physics. The physics laboratories are excellently equipped for the courses offered.

The laboratories for **Chemistry** are housed in the basement of Goode Hall, occupying the entire floor. The equipment is modern and is adequate for courses leading to a major for both the Bachelor's degree and the Master's degree. Included in the equipment now in use are twelve analytical balances, one 1500-gram capacity analytical balance, Sartorius specific gravity balance, high temperature DeKhotinsky drying oven, Hoskins electric muffle furnace, Laurent polarimeter, Abbe-Spencer refractometer, Alnor pyrometer, complete apparatus for the electrometric determination of hydrogen-ion concentration, conductivity, and electrode potentials, thermometer and weights with U. S. Bureau of Standards certificate, etc. A complete ventilating system of the Kewaunee type, actuated by two two-horse-

power and one five-horsepower motor, has been installed. A three-horsepower boiler supplies distilled water at the rate of ten gallons per hour and also supplies steam for the organic laboratory desks.

The Museum adjoins the laboratories of biology and geology. There is a complete collection of well-prepared and authentically labeled specimens illustrating the rich, local flora, fauna and paleontology. The collection of horizon marking fossils of the Texas Comanchean has been declared by competent persons to be the best in the country, including as it does, not only a full serial arrangement by formations, but also a number of rare type individuals of this geological age.

A recent addition to the collections includes a complete series of diamond drill cores secured through the courtesy of the Tarrant Water Improvement Board. These cores include a section entirely through the Texas Comanchean and are mounted in a special cabinet where they are frequently consulted by engineers, contractors and geologists.

The spirit of research is fostered and the climatic conditions permit field work practically the entire year. The researchers of the staff of the department have provided among other things three publications which are used as manuals by the classes. One of these is a flora of the plants which appear in this area during the spring term; another is an areal study, illustrated, of the geology of Tarrant County; the third is a pictorial catalogue in quarto form of the principal horizon-marking fossils. The first of these is published by the University Book Store, the last two by the State Bureau of Economic Geology.

The Museum contains also a collection of the usual preserved forms used in teaching, several wall portfolios of topographic and geologic maps, herbariums of fair completeness, a relief model of the area around the University, exhibiting both the geology and topography, a complete set of large relief maps and other teaching accessories.

Laboratories of the **Department of Home Economics** have been recently refitted on the fourth floor of the Main Building, where they form a complete unit for the several lines of work. The sewing room and the kitchen are furnished with the best needed equipment. A beautifully furnished dining room with equipment for complete serving of meals affords actual training in service.

The laboratories of the Science Department affords a thorough scientific background for the training in Home Economics.

The Library. In the early days of the institution, the building of a worthy library was encouraged by Major John T. Walton in the gift of his private library. This was augmented later by the addition of the John T. Toof collection. The accumulations up to 1910 were destroyed by the fire of that year.

Since that date a modern and well selected library has been built up, through the continual efforts of the librarians, with generous donations of many friends, and the annual appropriations of the Trustees.

The number of volumes reported by the Librarian on December 12, 1931, is as follows:

Number of Volumes Accessioned	41,075
Unaccessioned U. S. Documents	17,175
Unaccessioned State Documents	400
Unaccessioned Books and Pamphlets	2,700
Unaccessioned College Catalogs	2,000
	63,350
Withdrawn, estimated	3,000
Total	60,350

A Christian School

Christian Influences. Every person, without respect to creed or faith, is free to study in Texas Christian University, and no restraints will be placed upon his freedom of thought or opinion. But the ideals of the school are distinctively and positively Christian. Avoiding any semblance of sectarian spirit, and maintaining thorough academic freedom in schoolroom instruction, there is nevertheless every care to place about the student those influences and ideals of true Christianity which alone can develop the highest type of character.

Indeed the University is founded and supported on the faith that education must be more than the training of the mind; that the inculcating of those deep convictions that produce great character, and the specific teaching of the truths of the Bible which is the basis of true civilization are essential to the highest type of education.

With these ideals in view, the teachers are chosen for their character as well as their scholarship; and all natural expressions of religious life are encouraged and fostered.

Church Opportunities. The University Christian Church maintains a regular local congregation in which the students are invited to take "student membership," their membership reverting automatically to their home congregations on their return. Services are held in the Chapel auditorium, but the erection of a beautiful church auditorium is now under way.

The Bible School of the University Church, under the Religious Education Director, has the benefit of the best thought and methods that have been developed in this field. It is an educational project as scientific as any public school system. Students have a unique opportunity to become experts by practice, through their serving as teachers and leaders in this Church School.

The City of Fort Worth has a number of large, active, attractive churches, which the students are encouraged to attend as they find it convenient to go to the city on Sunday. Recent years have marked Fort Worth as a city peculiarly fortunate in the great influence of its churches on the whole civic and public life.

The Young Men's Christian Association. From the earliest years, the Y. M. C. A. has been a factor in the University, in promoting the better moral influences among the men, and in leavening their social life for good.

The Young Women's Christian Association. To have a "Y. W." of superior excellence, with a group of leaders in which the University takes great pride, is one of its traditions. Many of the characteristics of Christian home life to which the students have been accustomed are preserved in Jarvis Hall through the outspoken Christian influence of this group. The older girls organize as "big sisters" to the new girls.

The University Religious Fellowship is a new venture on original lines, combining the leadership of the several religious organizations about the campus to put on a program on Sunday evenings. These programs utilize many varied types of expression such as dramatics, pageantry, music, forums, addresses, etc. It is rendering a distinct service.

STUDENT ORGANIZATIONS

Policy on Student Societies. The purpose of a society may be to stimulate interest and provide opportunity for student expression in some field of learning, or of service, or of sports, etc., such as promote education of youth, or for social purposes, provided the selection of members be not upon the basis of social standing, or mere personal preference of the members; and no society may be of a secret nature

or order. This policy, forbidding as it does the establishment of fraternities or sororities, has been a tradition of the institution from the beginning. The spirit of democracy has ever prevailed on the campus and any tendencies toward clannishness or troublesome distinctions have been avoided as a policy of the administration.

The Faculty Committee on Student Societies has supervision of all organized groups in the nature of clubs or societies, which are not class functions. All societies must petition the Faculty Committee on Student Societies for permission to organize. Each group must have a faculty sponsor, and must render reports when called upon to do so. A group failing in either of these points will be omitted from the official publications of the University, including the Horned Frog.

Extra-Curricula Activities

The student body in the spring, 1930, adopted the point system to govern extra curricula activities. A student may participate in activities to the extent of twenty points a year, as explained below.

Activities counting ten points:

President of the Student Body.
Editors and Business Managers of the Horned Frog and Skiff.
Employment in the city or by the University.

Activities counting eight points:

Class presidents.
Presidents of the Y. W. C. A. and Y. M. C. A.

Activities counting five points:

Presidents of all other societies.
Other class and student body officers.
Varsity letters (men and women).
Membership in band.
Yell leaders.

Activities counting three points:

Other officers of all societies not previously designated.
Standing committee chairmen of all organizations (classes, student body and societies).
Membership in orchestra.
Varsity debating team.
Inter-collegiate contests.
Oratory and dramatic contests.
Woman's sweater monogram.
Skiff staff.
Horned Frog staff.
Glee Club.

Activities counting two points:

Membership in all societies. (Where any office is held, membership is not counted.)

The Student Body Association. Annually the whole body of students elects by ballot a president, vice-president and secretary-treasurer, who preside in the general assembly of all students when handling any student affairs.

The Literary Societies that served the general purpose of development in public speaking, recitation, debate, music and so forth, have proven, here as in most colleges, ill-adapted to meet the needs of a larger school, and of the widely ranging interests. The societies attempted to fill such a wide field of activities, with so large a number of students that they satisfied none, completely. The expression of any student, or any group, was inadequate.

Hence these old historic societies have been replaced by organizations of more specialized scope.

The names of the old literary societies, Add-Ran, Walton, Shirley and Clark, will live in the history of Texas Christian University, with the honor due to institutions that have served a noble purpose. Their names will awaken tender memories in the hearts of thousands. The spirit of the old students survives in the more specialized groups that have arisen to meet the needs of this student generation.

Departmental Honor Societies. A number of nation-wide scholarship fraternities have proven of value in stimulating scholarly work and discussion in special departments. Some of these bear Greek letter names, but are sharply discriminated from the Greek letter social fraternities, in that they are not secret, and that the eligibility is based strictly upon scholarly record, and not personal or social qualities. Harmonizing, thus, with the ideals of Texas Christian University they have, severally, been approved by the faculty.

Such societies now working are:

Alpha Zeta Pi, Modern Language.
Pi Gamma Mu, Social Science.
Pi Kappa Delta, Debating.
Sigma Tau Delta, English.

Departmental Clubs are organized in most departments or groups for the purpose of stimulating interest and developing expression in the several fields. The following are active in the fields noted:

Bio-Geo Club, in biology and geology.
Brushes, in art.
Bryson Club, in English, especially poetry.
Dana Press Club, in journalism.
Dramatic Club, in producing plays.
Los Hidalgos, in Spanish.
Oratorical Association, in oratorical contests.
Parabola, in mathematics.
Timothy Club, in sermon practice.

The B. C. B. Association. This organization includes all the students who are training for full time Christian service, whether as ministers, or missionaries, or assistants. The weekly meetings afford opportunity for development in self-expression. It is in effect the student body organization of the Brite College of the Bible.

The Scholarship Society is the local organization of the Scholarship Society of the South, organized in 1923 by several Texas colleges for the purpose of stimulating high scholarship and recognizing those students who attain it. Its membership is confined to those who make a grade of A, and to the upper tenth of each class. Those in the junior class are temporary members, but if they continue to make A in the senior year, they are elected as permanent members, with honor at graduation.

Athletic Organizations include The "T" Association, confined to those who have made letters in athletics; the Women's Athletic Association.

Music Organizations include the Band, Orchestra and the T. C. U. Music Club.

Other clubs represent the students from certain localities, the Arkansas, Oklahoma, Louisiana Club, and the Houston Club.

The Oratorical Association brings together the students who are interested in public speech and debating, fostering intercollegiate contests as well as local contests. From the matriculation fees of all students is furnished a fund to provide the expenses and prizes for these contests, thus admitting all students to them free.

The Standard Ring. Through joint action of the classes in the session of 1926-27 a design for a standard class ring was adopted and approved by the administration.

The T. C. U. Mothers' Club is a unit of the Fort Worth Council of Parents and Teachers Association; it is affiliated with the National Congress of Parents and Teachers. The object of the organization is to bring together its members in social and intellectual intercourse, to keep in touch with University life and to assist the University in all practicable ways in promoting the welfare of the student body.

PUBLICATIONS

The Bulletin. The University itself issues quarterly the Bulletin, as a means of communication to its friends. One number is the Annual Catalog, another the Summer Term announcement, and others announcements of special departments or events.

The Skiff. This is the weekly newspaper, conducted by the students. The Committee on Publications of the Faculty appoints annually a business manager, and approves a list from which the students elect an editor. Students find a splendid means of developing literary or journalistic ability by contributing to the paper.

The Horned Frog. This modest but useful little animal so distinctly belonging to these southwestern fields has furnished its name for the college annual, which has been published with a few exceptions for twenty-seven years. It is the mirror of the college year, furnishing hints and suggestions invaluable of the treasured experiences of college life, which, after all, no book can wholly contain.

SCHOLARSHIPS

Policy. It is the earnest desire of the University to encourage students of proven ability to continue their education to higher degrees, and to afford them such financial aid as may at times be needed, and available.

In addition to the limited number of scholarships which the University is able to provide out of its funds, more are needed, to assist students of unusual promise. Friends of youth are, therefore, invited to donate and endow scholarships which may be named after them, and listed annually in this catalog, along with the few now appearing.

Value. Each undergraduate scholarship regularly credits the holder with $150.00 on literary tuition for the session following its award, to be used $75.00 on each semester. It is expected that a scholarship student will carry a full course. If he carries less he will pay a general fee of $25.00 in any case and be credited with the remaining tuition charge. (See page 86).

Every student receiving a scholarship is expected to render some service to the University when called upon, though this will usually be quite limited in case of the undergraduate scholarships.

The Class Scholarships heretofore offered, one for the highest grade student in each of the four classes, have been withdrawn. This was done because the increasing number of students evokes too many "ties," and suggests an increase in the number of scholarships. Hence a new plan was inaugurated with the session of 1929-30.

The new plan increases the number of scholarships, and distributes them more in harmony with the revised organization of the four college years. There are four points where the student steps from one level to a distinctly different one. The first level is that of entering college from High School. So the same High School Scholarships as heretofore are continued. Under the new "Pre-Junior Achievement Test" plan, the student is expected, in the first two college years to complete the mastery of his fundamental tool courses, and reveal the type and quality of study he is best fitted to follow. So the next level for giving aid is at the end of the Sophomore year.

The third step is into the Graduate School. The fourth level is the completion of the Master's degree. From this, a limited number should be encouraged to go on for highly technical training and others should be advised adversely. At this point, the students who are considered worthy are aided by recommendations to Graduate Fellowships, Instructorships, and so forth.

At the other levels, scholarships are offered as announced below:

High School Scholarships. Two scholarships are awarded to the honor graduates of each affiliated high school in Texas, one to the highest ranking boy, one to the highest ranking girl. The affiliation list of the State Department of Education is used.

Right is reserved to change, without notice, the basis of this award, and to limit the number of such scholarships available.

Junior College Scholarships. Ten scholarships are available to graduates of Junior Colleges in Texas, who are in the upper third of the graduating class on the basis of grades. Any number may apply and out of these, the administration will select ten.

Pre-Junior Scholarships. Eight scholarships will be awarded to the eight students making the best all round records during their Freshman and Sophomore years in T. C. U., based on grades, ability to master studies, personality and promise of usefulness. Under the new Pre-Junior Achievement Test plan an extensive personnel record of each student will be kept during the first two years. This, and not grades alone, will be used as a basis for selecting the eight scholars, by the administration. Each of these students will be assigned to a department in which he will be expected to render service of about six hours a week.

Student Leadership Scholarships. A limited number of these are awarded to students, of any class, for the purpose of encouraging and assisting students who give evidence of unusual leadership ability in some of the activities of college life, and promise of leadership as future citizens. Each student is required to measure up well also in character, scholarship and personality, and must be in need of the assistance. Ten of these scholarships are usually assigned to players in the band, and a tryout is required in these instances. See the paragraph above on the "Value" of these scholarships.

Ministerial Scholarships. Any student who gives evidence by official letter from the appropriate church officers that he or she is endorsed as a candidate for full time Christian service as a life vocation, will be granted a scholarship. The conditions under which these continue are explained in the Brite College of the Bible section of the catalog.

The York Rite Masonic Scholarship Fund of Dallas provides an Endowment Fund of Six Thousand Dollars, the income on which is available for the assistance of students in Texas Christian University who have transferred from the Masonic Home and School of Fort Worth. Beneficiaries of this fund are selected by a Committee composed of four York Rite Trustees, in consultation with the administration of the University.

Graduate Scholarships paying $250.00, without remitting tuition charges, are offered to graduate students who wish to study for a Master's degree and assist in the departments. Many of these are open to competition by graduates from any standard college. They are fully described in this catalog in the section devoted to the graduate school.

Graduate Fellowships paying $500.00, without remitting tuition charges, are offered to graduate students capable of teaching, and studying for a graduate degree. These are open to students from approved colleges. They are announced in detail in the section of the catalog devoted to the graduate school.

Employment Bureau. For the benefit of students who find it necessary to earn some money while in school, the University operates, free of charge, an employment bureau. The business men of Fort Worth have cooperated generously, and many positions have been secured.

The student who works his way is to be commended, and will be aided as much as practicable, and for his good. But there are some definite limitations, which should be understood. No student should expect to earn a full living while doing full college work. Any one who must work on a job as much as four hours a day should carry less than 15 hours a week of studies. Positions can only be expected to supplement, not to cover the full cost.

For this reason, every such student should work and save up funds in advance of coming. New students should write the University for an "Information Blank" and should state the desire for work and the probable amount of money that can be brought along or secured during the session. Professor John W. Ballard is the Chairman of the Employment Bureau.

PRIZES

The Walter E. Bryson Poetry Prize. Mrs. Walter E. Bryson offers a prize of Ten Dollars for the best poem written by an undergraduate student in Texas Christian University during the current session. Final manuscript must be in by May first. A poem must attain a certain acceptable standard to be considered in the contest. This prize was offered during the lifetime of Prof. Walter E. Bryson, head of the English Department, by himself and wife, and is now continued by his wife, in his memory.

American Chemical Society. A one year student membership in the American Chemical Society is offered by Dr. J. L. Whitman, Head of the Chemistry Department, to that student majoring in Chemistry, who, at the end of the first semester of his senior year, has the best scholastic record, and who gives the greatest promise of future progress and achievement in Chemistry.

Wimberly-Hubbard Advertising Agency Prizes in Journalism. The Wimberly-Hubbard Advertising Agency of Fort Worth donates annually to students in the Department of Journalism prizes totaling $40.00. A prize of $25.00 is given to the junior student who does the most outstanding work in the class in "Principles of Advertising." A prize of $15.00 is given to the junior student who writes the best news story appearing in The Skiff each year. The editor-elect and the business manager-elect of The Skiff are not eligible to compete for the prizes. The money is paid to the winners when they enroll for their senior year in T. C. U.

Oratorical Prizes

For winner of Old Men's Contest, first prize, $10.00; second, $5.00.

New Men's Contest, first, $10.00; second, $5.00.

Each member of a debating team in a debate that was officially authorized on the budget at the first of the year: the letter T and $10.00.

For representing Texas Christian University in the State Oratorical Association, the Gough prize and the letter T; second place, $5.00.

The Gough Oratorical Prize. Dr. R. H. Gough, of Fort Worth, since the final award of the Gough cup, offers twenty-five dollars in gold and a twenty-five dollar gold medal to the successful contestant for the honor of representing Texas Christian University in the Intercollegiate State Oratorical Contest.

DISCIPLINE

The Discipline of the institution is in the hands of the President and a committee on student welfare. The details are in immediate charge of the Dean of Men and the Dean of Women. The students are invited to join the administration in maintaining such ideals of life as to make disciplinary problems rare.

All forms of hazing and secret societies are forbidden; and the student, by his matriculation, pledges himself to abstain from them.

Any gross violation of good conduct, such as profanity, gambling, drinking, insubordination and disrespect toward authority will automatically remove the student from the University community.

A student who is manifestly out of harmony with the ideals of this institution may be dismissed without specific charge.

Secret Marriage. Any student who makes false pretense as to his or her married state is subject to immediate suspension for an indefinite time. This applies to any person who marries secretly while enrolled as a student or who was secretly married at the time of enrolling.

Loitering in the corridors or on the campus during class periods, 8:00 a. m. to 3:00 p. m., is forbidden. Ample seating room for study is provided in the Library. Any student who habitually loiters in the hallways, or about the buildings or in automobiles will be assigned a regular place to study.

Policy Concerning Fairness in Work

The Honor System for eliminating cheating was tried for a decade, and by consent of students and faculty was abandoned because of the unwillingness of students to assume the responsibility of reporting on each other, and the impracticability of infusing the spirit of the system into so large a percentage of new students each year. Most of the students, of course, are found to be trustworthy, but some definite regulations are made to reduce temptation, thwart the vicious few, and magnify honor. The thing most desired is for each individual to maintain an attitude of personal honor; to hold all stooping for advantage as beneath him in thought or action; and to scorn those who cheat. Infractions of these rules are to be reported to the "Honor Committee," Dr. Lord, chairman.

Regulations on Honor

1. At any period set apart for examination, the student must use the official examination book provided, and no other books, notebooks, or notes of any kind will be allowed in the room, except at the direction of the teacher. (These official books will be handed out by the teacher to each student, who will pay a fee each semester to cover the cost of same.)

2. The teacher is expected to remain in the room during the examination.

3. Students are expected to refrain from any conduct during the examination which may create the suspicion of unfairness or dishonesty, such as talking, conferring with one another, leaving the room before the examination is completed, etc.

4. The examination must be completed within the time limits allowed for it.

5. Any student convicted of cheating upon quiz or examination will be expelled from the University.

6. Any student convicted of unfairness or dishonesty in the preparation of written work, such as themes, notebooks, etc., will be forced to withdraw from the course where the offense is committed and to lose the credit therein; and if thereafter found guilty of further dishonesty will be expelled from the University.

7. Unfairness and dishonesty in written work are taken to mean the use of the language and phraseology of others without due acknowledgment; unwarranted assistance or collaboration; and other practices which may be detrimental to the honest and honorable performance of the written work required of the student.

Rooming in College Buildings. Undergraduate students, both men and women, whose homes are not in Fort Worth, are required to room and board in the University buildings, except by special consent. This consent may be given to men or women twenty-one years of age or of senior ranking, or to others who live with immediate relatives. These may live, only at such places as are approved by the administration. The University has room for seniors and advises them to room in its buildings.

Chapel. All undergraduate students, both resident in the University community and in the city, are required to attend chapel exercises.

DORMITORY REGULATIONS

Visitors to Jarvis, Goode or Clark halls must present themselves to those in charge, and secure formal permission to call on the residents of the hall.

Parents. Parents may not allow their children privileges that conflict with the rules of the University. Parents or guardians who register students, thereby accept all the conditions in this catalog. Parents are seriously urged not to furnish students with excessive spending money or unrestricted checking accounts, for such privilege and expenditure are demoralizing both to the student and to the University. Parents are urged not to upset their children's study by prolonged visits. Parents should not lodge in the University residences, thereby overcrowding students and upsetting orderly routine. Parents may dine in the University cafeteria at the regular prices paid by all visitors.

Church. All students are expected to attend church every Sunday morning. Members of other religious communions will be allowed to attend their own churches under proper supervision.

Punctuality. All students in the dormitories are required to attend their classes regularly unless excused by the resident nurse. No excuse on account of illness will be accepted unless signed by the nurse. Students not well enough to study or attend classes must go to the Infirmary.

Men students who smoke should seek to avoid this practice in public places and on the campus, through courtesy and for the honor of the University. Women who smoke are undesirable and will not be admitted to or retained in the University. This policy is adopted as an expression of good school spirit, and in harmony with the better standards of the homes of our patrons.

Automobiles. Parents are requested to deny the use of cars to students for social purposes. Permits to operate automobiles for business purposes must be obtained from parents and approved by the Business Manager, otherwise cars may not be kept by dormitory students.

Permits. Students must not leave the campus without permission of the supervisor of the hall. A written pass must be secured for going to town or visiting home. Passes to town are limited to once a week for each student. Permission for week-end visits with friends or relatives in the city shall be limited to once a month. Upon return to the University after visits, or trip to town, passes must be submitted to the office for record and deposit. Visits home will be permitted only once each term, and then only upon receipt of written

permission from parents. Exceptions to these regulations are made for seniors and juniors, and men over twenty years old.

Valuables. Money should be deposited with the cashier at the business office. It is very important that sums of money and valuables should not be kept in the students' rooms. The University objects seriously to any students keeping in the rooms or habitually wearing expensive jewelry, and refuses to be considered responsible in any way for the loss of such valuables.

Furnishings for Rooms. The University furnishes for each room two beds, including springs and mattresses, a dresser, a table, lavatory and chairs. The student is required to furnish his own bedding of all kinds, pillows, pillow cases, sheets, blankets, quilts, towels, rugs and pictures; also one waste basket. No dishes are allowed to be taken from the dining room. Only two 60-watt globes will be permitted in each room, and no other attachments may be made to an electric wire except by double socket.

Students are requested not to bring phonographs to their rooms.

City Students

Students whose homes are in Fort Worth, or vicinity, and who do not reside in the dormitories, are received fully into the life of the school. A rest room in the Administration Building has been fitted up for the town girls.

These day-students are required to attend chapel and to observe study hours from 8:00 a. m. to 3 p. m.; to be found during these hours either in class or at study, and never loitering in the halls, in automobiles or visiting stores (except for lunch hours). Places for study are provided in the Main Building and in the Library.

All rules for general conduct apply to these students while they are on the campus.

ATHLETICS AND PHYSICAL EDUCATION

Texas Christian University has cherished two aims in the field of college athletics. One is to develop in the distinctly college sports teams that would claim the enthusiastic support of students and friends. This it has succeeded in doing through the years.

The other aim has been to provide for every student a physical education that would develop the body and promote the spirit of play and good health. The anxiety for years has been to avoid developing merely a few highly trained men on a team to entertain a body of students who themselves never exercise. The gymnasium makes possible this long cherished ideal.

For some time this plan has been working with great success. A competent man for the men and a competent woman for the women are employed as gymnasium instructors. Each student during his first two years is assigned to a gymnasium section and required to attend three hours a week. The work consists of calisthenics, swimming, tennis, and ball of the various kinds, all under trained instructors.

Organization of Athletics. The faculty of the University is a unit in favoring clean, wholesome athletics, untainted by commercialism, and made subsidiary to the main purpose of a full education. The authority for control lies in the faculty, and such control is exercised through its Committee of Athletics, of which Prof. E. W. McDiarmid, head of the Department of Philosophy, is the chairman.

An experienced business man, Mr. L. C. Wright, devotes his entire time to the supervision and management of all athletics, including the gymnasium, as Director of Athletics. Competent coaches are engaged for each of the major sports.

This University is a member of the Southwestern Conference on Athletics. All games are played under the regulations of this association. Freshmen may not play in intercollegiate games, but full attention is given to coaching them, for their own development, and the building of the future team.

The scholarship rules are checked through the Registrar's office. To be eligible the student must be a regular student (not a special), must meet the requirements for representing the school in public as stated on page 55.

ORGANIZATION OF THE UNIVERSITY

In the organization of the school, the same principles have been observed as obtained in the organization of the institution in the beginning—a group of colleges and schools, each with a distinct function, all working together for a common purpose. The ideal of having a rather complete group of colleges that would justify the name university is only partially realized, but is yet cherished. The addition of a graduate school in 1926-27 brings this goal nearer.

The history of the institution shows that two professional colleges, a college of medicine and a college of law, were undertaken and later abandoned. These were abandoned upon the principle that any work offered must be of the highest standards, for the expense of these two colleges under modern conditions came to be too high for the resources of the school, if the work was to be standard. Since they were closed all the resources are concentrated on the departments now maintained.

Professional training is now provided in business administration and in journalism, though these departments have not grown into schools.

The present Divisions of Texas Christian University are:

I. Add-Ran College of Arts and Sciences.
II. Brite College of the Bible.
III. School of Fine Arts.
IV. School of Education.
V. The Graduate School.

The College of the Bible having separate charter and trustees, is a corporation legally distinct from the University corporation.

DEGREES

The Add-Ran College of Arts and Sciences confers the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, equivalent in rank.

The Graduate School offers the degrees of Master of Arts and Master of Science.

The School of Education offers the degree of Bachelor of Education.

The Brite College of the Bible confers the degrees of Bachelor of Divinity, and Master of Religious Education, and diplomas for specialized courses.

The School of Fine Arts offers the Bachelor of Arts degree with a major in Music; and the degree of Bachelor of Music, under some limitations explained in the Fine Arts section of this catalog.

Honorary Degrees

The policy in the matter of granting honorary degrees is extremely conservative. Except during the earliest days of its history, the University has never granted honorary degrees. However, on account of the unusual occasion of its Jubilee celebration in June, 1923, a number of honorary doctor's degrees were conferred upon some distinguished friends, whose merits were universally recognized.

ADD-RAN COLLEGE OF ARTS and SCIENCES

Entrance Requirements

ADD-RAN COLLEGE
OF ARTS AND SCIENCES

Relation to the University

The College of Arts and Sciences is the leading college of the University. It has been founded and fostered in the conviction that the study of literature and the sciences secures the best possible training of the mind. Whatever may be learned in other departments of study, scholarship without the arts and sciences is impossible. The greatest need of every mind is that maturity of thought, which comes only by following the greatest thinkers of all time and the greatest investigators of the natural world. To be a specialist is praiseworthy; but special training devoid of thorough general preparation is doomed to disappointment. Experience has often proved that in the long race of life the literary scholar easily excels his companion who may have been far more favored in practical training, because the mind well cultivated in close study wins by the very superiority that it possesses. Accordingly, the founders and directors of the University make no apology for having from the first laid emphasis upon the College of Arts and Sciences, and for having sought to bring it to its greatest efficiency.

Entrance Requirements

Character and Pledge. To be admitted, the applicant must be of good moral character, and must present a transcript of credits, properly signed, from the last school attended, high school or college, including a statement of honorable dismissal. This should be mailed to the Registrar, Texas Christian University, Fort Worth, Texas, just as soon as the decision to attend Texas Christian University is made.

By the act of accepting membership in the University, the student pledges himself to refrain from encouraging or participating in any form of hazing, or secret society, or fraternity in connection with the institution.

Vaccination. Each student must present a physician's certificate showing either that he has had smallpox, or has

been successfully vaccinated, within the last three years. Those who do not, will be vaccinated by the University physician. (Fee, $1.00.)

Advanced Standing

A student coming from another college must present a statement of honorable dismissal, and a transcript of his credits sent directly from that school to the Registrar. These credits will be accepted according to the rank given that school by the proper standardizing agency for its section. Texas schools are credited on the basis of their classification by the Association of Texas Colleges.

All Credits Accepted from other colleges or universities are received on condition that if the student fails to demonstrate his ability to carry the advanced work satisfactorily, the amount of credits allowed will be reduced, or cancelled. If the average of transfer work is less than our "C," then no credit will be given for any course that shows a barely, or lowest passing grade.

Scholastic Requirements for Admission

Applicants under 21 years of age must have been graduated from an affiliated high school and with fifteen (15) affiliated units (eleven of which are prescribed, as explained in a later paragraph), or by examination.

(1) If the applicant is a graduate of an affiliated high school, and his certificate shows the proper fifteen affiliated units, the scholastic requirements are thereby satisfied.

(2) If the applicant is a graduate of an affiliated high school, and his certificate shows less than fifteen affiliated units, he must make up the difference by entrance examinations.

(3) If the applicant is not a graduate of an affiliated high school, he must take entrance examinations in fifteen units.

(4) Applicants for admission who present a certificate of graduation from an affiliated high school, but who have done much of their work in an unaffiliated high school, must have the certificate they present show that the unaffiliated work has been

proved, by work in the affiliated school, as follows: English by at least one unit; history by at least one unit; mathematics by at least one unit, not counting arithmetic; foreign language by at least one unit; and science by at least one unit; or take entrance examination in the subjects not proved as outlined above.

The affiliation of high schools in Texas is determined by the bulletin issued each July by the State Department of Education. Schools in other states will receive the same recognition that is given them by their state universities.

Entrance examinations will be given at Texas Christian University as scheduled below. The college entrance examinations conducted by the State Department of Education, and the College Entrance Board, are recognized.

Prescribed Units. Of the 15 units required for admission the following are prescribed:

English	3 units
Algebra	2 "
Plane Geometry	1 "
History and social science	2 "
One Foreign Language	2 "
Science, with Laboratory	1 "

The other four may be elected from the list of subjects accepted by the State Department of Education.

Note.—For prescribed subjects for entrance to B. M. degree, see Fine Arts Department.

If applicant's fifteen units fail to include one or more of the prescribed subjects, he may be admitted, and allowed to make up the missing subjects, either by examination or by a college subject counted back. In no case will an entrance examination be permitted in a subject after the subject has been taken in college. He must present at least three in English.

If the applicant fails to present the necessary units in algebra or geometry, he must take these by tutor work during his freshman year. This will reduce the number of hours the student carries in his college work. The tutor will be provided by the department of mathematics. (Cost, one dollar per week.)

In modern languages students will be placed according to tests.

In counting college credit back for entrance units, six semester hours will be counted the equivalent of one and a half units, except that six semester hours of a foreign language will count for the two required entrance units.

If, for any cause, the student delays bringing up the prescribed subject later than the beginning of his sophomore year, three additional semester hours will be required for graduation, for each unit delayed.

Entrance Examinations

Entrance examinations will be given at Texas Christian University as per schedule below:

Friday,	Sept. 9	8:30-12:00 English
Friday,	Sept. 9	1:30- 4:30 English
Saturday,	Sept. 10	8:30-12:00 History
Saturday,	Sept. 10	1:30- 4:30 Mathematics
Monday,	Sept. 12	8:30-12:00 Language
Monday,	Sept. 12	1:30- 4:30 Science
Tuesday,	Sept. 13	1:30- 4:30 Electives
Tuesday,	Sept. 13	8:30-12:00 Electives

Examinations are free if taken on the dates set above; but if taken at some special time other than that scheduled a fee will be charged: $2.00 for each subject, or a maximum of $5.00. This rate applies to all examinations given out of regular schedule. All entrance examinations must be completed before enrollment.

Public Examinations open to all, are offered by the State Department of Education, beginning the first Monday in May each year, either at the high school of the county seat or in the office of the county superintendent in each county. These include all college entrance subjects, and are provided especially for the graduates of unaffiliated high schools. A certificate showing the subjects passed in these is furnished the student, and this will be accepted by Texas Christian University for entrance units, to the extent of its value.

Students in Unaffiliated High Schools

These need not despair of securing entrance to college. The examinations offered by the Department of Education are for their benefit, and should come into more general use.

The following quoted from a Bulletin of the Department expresses the purpose: "For many years there has been a strong feeling that the door of hope for securing a higher education should be opened to those boys and girls in the rural and village schools where from lack of enrollment, number of teachers, or standard equipment, they are deprived of advantages of affiliation.

"Students shall be encouraged to take college entrance examinations each year until sufficient number of units have been earned, provided, that if students do not offer credits for college entrance within five years of date of examination, these credits shall not be recognized.

"This examination will be given each year beginning the first Monday in May, and students in the smaller high schools should be encouraged to prepare themselves so that standard tests may be applied to their school work, and so that eventually they may absolve college entrance requirements."

Applicants over twenty-one years of age who give evidence of ability to carry college work, may be admitted without examination, at the discretion of the Dean or Registrar. In such cases, only tentative credit is given, and the student is entered as a special student on individual approval.

These tentative credits will become approved by the completion of a college course in each respective subject; (provided they were actually secured in some secondary school) one year in college in English, mathematics, history, science, a foreign language will approve respectively, English 3 units, mathematics 3 units, history 2 units, science 1 unit, on the same provision; the second year of a college foreign language will approve 2 units of that language for entrance.

A student who has approved the eleven prescribed units, will be given credit for all other units he has actually taken in a secondary school up to a total of the required fifteen.

The very spirit of this individual approval plan requires that the mature student manifest a spirit of earnest purpose, diligent application and proper co-operation. Failure to do so will forfeit the trust placed in him, and he will be dropped. He will also be dropped if he shows that he does not have the foundation for doing college work.

CLASSIFICATION OF STUDENTS

A regular student is one who is conforming to a program leading to a degree and carrying at least 12 hours.

A special student is one who is not conforming to the requirements leading to a degree, whether taking full work or not. This privilege is allowed only to mature students and for good reasons satisfactory to the Dean.

Day students may take less than full time work, but if their deportment is unsatisfactory they may be dropped at the discretion of the Dean.

Students rank according to work completed as follows:

Freshman, 15 units.

Sophomore, 30 semester hours, and all entrance deficiences removed.

Juniors, 60 semester hours and all Freshman requirements removed.

Seniors, 90 semester hours.

Graduate, the Bachelor's degree.

Students will be classified at the beginning of the fall semester, but may be reclassified at the beginning of the spring semester on request. This is allowed because an increasing number of students are using the summer term.

THE GRADING SYSTEM

The present plan was adopted in 1930 to become effective with the beginning of the summer term of 1931. This change was made because there was a feeling on the part of the faculty that the then existing definitions of grades permitted too large a percentage of A's and B's and not enough C's. The definition of grades is as follows:

A, Reserved for exceptional work.
B, Implies superior work.
C, Means medium work.
D, Means inferior work.
F, Means failure.
I, Means incomplete (must be removed within 30 days or it becomes an F).

[The grades previous to September, 1926, were: A+, A, B+, B, C, D (incomplete or conditional), E, failure.

A plan to begin with September, 1926, was as follows: A, most excellent; B, good; C, fair; D, barely passing; E, conditional; I, incomplete; F, failure. Beginning with the long session of 1930-31 the E grade was eliminated.]

Grades are reported by the teachers to the Registrar at the middle and at the end of each semester. These reports are sent to the parents; or to the students themselves if they are their own sponsors.

The grades are considered semester by semester. That is, the grade at the close of the semester is the one counted in estimating the points. If a course continues more than one semester, the student who makes F in any semester's work will not be allowed to continue the course.

If, in a course which continues for two semesters, a student at the end of a semester in which he is passing, is required to drop out for reasons approved by the Dean, he is permitted to re-enter the course within a year to complete it; but if he delays longer than a year, the whole course must be repeated in order to receive credit.

Uniformity of Grading. In order to overcome the personal equation in grading, and to secure a uniform basis throughout the school, a working plan for the distribution of grades was adopted by the faculty in 1915. Although no absolutely dependable scientific curve has yet been generally agreed upon, an approximate standard has been found helpful. The distribution is based, of course, upon large numbers, and cannot hold good in each particular class. It will vary for advanced classes, and selected sections, also according to the standard adopted.

Distribution of Grades, Effective June, 1931

(1) In a considerable group of students the number receiving:
The grade A, should range from 0 to 5%;
The grade B, from 15% to 20%;
The grade C, from 40% to 50%;
The grade D, from 20% to 25%;
The grade F, from 10% to 15%.

(2) This distribution applies to the undergraduate student body. For the freshman class the normal distribution would probably range as follows: A, 0 to 5%; B, 10% to 15%; C, 35% to 45%; D, 20% to 25%; F, 20% to 25%.

(3) The distribution of grades for graduate students should differ materially from either of the above.

An Honor Roll is posted usually at the time of the semester reports including all who have an average of B (point index 2.00) and have no grades D, I, or F.

Recognition of Quality of Work

It is inevitable that graduates shall vary widely in the quality and content of the education to which the degree certifies. No system can make them equal, nor need attempt it. But some devices are found helpful in stimulating students to their best, and eliminating those who will not respond.

The plans adopted aim first to eliminate from a degree those of too low an order of work; second, to stimulate every one to strive, not for an average, but for his individual best; and third, to offer both incentive and opportunity to the student of more than average ability for acquiring more than the average good from his course.

Freshman classes in biology, English, mathematics, and modern languages are sectioned according to tests.

The Point System is devised to stimulate the slow student to a quality of work above bare passing, and to provide that one whose grades in all lines are low may not receive a degree. The rule is:

Each student, in order to graduate, must have as a minimum as many points as hours of credit. The points are assigned as follows:

To A, 3 points per semester hour;
To B, 2 points per semester hour;
To C, 1 point per semester hour;
To D, 0 point per semester hour;
To F, -1 point per semester hour.

To Calculate the Points assign to each grade each semester its number of points, and multiply by the number of semester hours. Add the products to get the total number of points.

To Find the Average Grade divide the total number of points by the total number of semester hours, both passed and failed.

A course dropped while the student is failing is included in the calculations. A course dropped while the student is passing is not included.

The grade used in calculating points is the grade at the end of each semester. This holds for a course that runs two semesters or one semester.

Honors for Quality. At the time of graduation the student whose points show an index of 2.25, will be graduated *cum laude*; one with index of 2.50, *magna cum laude*; and one with index of 2.75, *summa cum laude,* and these are written on the diploma.

The new rule on points and indexes becomes effective with the beginning of the summer term of 1931, except for the seniors of the class of 1931.

Courses for Better Students. In order to enable the competent student to develop his capacities to the best, some courses are limited to students who make a B grade in prerequisite courses. In other courses, extra assignments are made to enrich the course. In some courses certain sections are for those who will do better work. The aim is to give the better student opportunity to develop, not to an average fixed by all, but to a mark which his ability enables him to reach.

The Amount of Class Work. The work of the courses is so gauged that the student of average ability can carry five subjects, or 15 hours a week. This will graduate him in the regular time, four college years.

Some students who find the work difficult should carry less and will be permitted to do so, on advice of the Dean. Those who spend several hours a day at some employment out of school should carry less than fifteen hours.

Some students are capable of carrying more than the average amount, and as they prove their capacity, they will be allowed to do so to a maximum of 18 hours per week. Indeed, every student is encouraged to employ himself to the highest level of his capacity.

The regulations below, therefore, are designed to allow the student the liberty of carrying extra subjects, and at the same time to discourage the feeling that securing an education is just a process of adding up credits. If the student will devote four college years to the task of securing a college education, disregarding speed, and waiving any extra hours that he may earn, he may be allowed

especially in his junior and senior years, to add extra courses in which he is interested, even to attend some classes as a visitor. The student who enters into this spirit will find the following regulations not at all irksome:

1. The minimum time in residence before receiving the degree is seven semesters (or six semesters and two summer terms), or 126 weeks, including time spent in other colleges and this one. It is provided elsewhere that 30 semester hours must be done in residence in this University.

2. The maximum credits that may be earned in any one session is 36 semester hours, for freshmen 34. (In the summer term the maximum is nine semester hours.)

3. Not more than 16 hours will be assigned any student unless the previous grades indicate an ability to carry more.

4. The final credit secured by a student carrying more than 16 hours will be determined by the grade he makes. The following table will show how much credit (semester hours) he will receive for each grade:

With a grade index of.....	2.00	1.67	1.33	1.00
If carrying 18 hours.....	18	17	16	15
If carrying 17 hours.....	17	16	15	15

For less than 1.00 he will receive credit for each course passed, to the maximum of 15 hours.

The meaning of the grade index is explained on page 47 under the Point System.

To carry 18 hours the student shall have demonstrated his ability to make an average of B.

PRE-JUNIOR ACHIEVEMENT PLAN

The measurement of credit toward graduation is necessary, but it is desired that all measuring devices shall be in the nature of scaffolding only; and that the real training of students shall be in terms more personal.

There is need of shifting the emphasis away from "credits" to accomplishments; of measuring the student's merit in terms of the achievement, skills, culture, mental attitudes and masteries he may show at the end of the period rather than merely in terms of courses passed, hours in class and sum of credits. As an effort in this direction the faculty of Texas Christian University adopted in the

spring of 1929 a plan called "The Pre-Junior Achievement Tests." This went into operation for the session of 1929-30, and will be modified as experience suggests, that it may serve the best interests of the students.

The features of the plan, which pertain to the students, are given below.

I. Each student, before being admitted to the Junior year must prove by tests to be known as the Pre-Junior Achievement Tests, a satisfactory mastery of the fundamental tool courses of his education; specifically: five as follows:

(1) a. English grammar and composition.

b. English literature.

These will include those masteries he is supposed to bring from high school: penmanship, spelling, grammar.

(2) A foreign language. In addition to the required completion of the second year of language, the student must pass a satisfactory test in a "reading knowledge" of the language.

Students majoring in business administration who elect to omit foreign language will be tested in the field of mathematics through mathematics 128.

(3) A social science, which must include in every case a general familiarity with the more obvious workings of the American government, and the broad outlines of human history; and a more specific mastery of either the history of civilization (as presented in history 12) or of government and the social order (as presented in social science 12).

(4) A natural science including an elementary grasp of scientific methods of study, and an elementary mastery of one field, either biological, physical or chemical.

Students majoring in the school of music will substitute music for science.

(5) Two electives to be chosen from
   a. Bible.
   b. Mathematics.
   c. Philosophy.
   d. Sociology or economics.
   e. Another natural science.
   f. Another language.
   g. Psychology.

(6) In addition to these subjects satisfactory habits of personal demeanor, neatness, politeness; and physical training.

II. The sources of information for judging in these tests will be:

(1) The freshman entrance tests.

(2) Reports from instructors through the two years.

(3) Preliminary tests of some students near the end of the freshman year.

(4) Final achievement tests to be given twice each year, probably in December and May. During, or after his third semester of residence, the student may take any of these tests for which his teachers will recommend him, and the Dean approve, but having once begun the tests he must complete them within 14 months.

Those who transfer with less than junior standing will be governed by the above rules.

In case of transfer juniors or seniors it will be assumed that they have already mastered these fundamental tool courses since this should be done in the freshman and sophomore years. But the student will be expected to manifest these masteries in his regular class work. If there is evidence of any lack of these, the faculty may require the regular, or special tests with assignments to make up any gaps that may appear. This is on the same basis that all transfer credits are accepted by colleges subject to re-appraisal if the quality of work is not satisfactorily sustained as explained on page 41.

III. The uses of grades, credits and required class attendance will not be changed from present practice, at least until experience has provided dependable substitutes; but reports from the teachers on the class work of students will include, in addition to the present grading system, more definite description of the student's qualities, and definite reports on forms provided on the points of testing, such as English, penmanship, spelling, neatness, etc.

IV. An Achievement Record Card will be kept for each student and the data assembled as it accumulates; so that when a student has clearly achieved any point he may be passed on it and so notified. This will reduce the load of testing at the end of the sophomore year. The student is expected to satisfy all these requirements of the Pre-Junior Tests in order to qualify for enrollment in any course of junior rank (30's); but may be permitted to take junior courses if he is "conditioned." *i. e.*, has one or two (no more) subjects unsatisfied.

V. The giving of the tests and the assembling of all the information will be in the hands of the Testing Committee, who shall determine on the basis of all the records whether the student is

1. Qualified, *i. e.*, ready for junior course; or
2. Conditioned, *i. e.*, eligible to enroll for some junior courses, but yet to qualify on one or two subjects out of the six; or
3. Unqualified, *i. e.*, having not yet satisfied three or more of the tests or lacking in some other quality. Such student is limited to freshman and sophomore courses.

SCHOLARSHIP RULE OF SUSPENSION ON ACCOUNT OF FAILURES

In principle, the student whose grades indicate that he is either unwilling or unable to pass his work, will not be retained in the University.

Specifically, the student who

1. Fails (makes a grade below D) in three-fifths of his work in the fall semester may not enroll in the succeeding spring semester; or
2. Fails in three-fifths of his work in the spring semester may not enroll in the succeeding summer session, or in the succeeding fall semester; except that in the case of a freshman, if he fails in three-fifths of his work in his first semester he will be placed on probation until the close of the first half of the following semester; then if he is failing in three-fifths of his work he will be suspended until the beginning of the next semester; and
3. Any student who fails again in three-fifths of his work in any semester, must remain out of the University for at least twelve months. (Note.—For purposes of this regulation, the summer session is not considered as a semester.)

GENERAL DEFINITIONS

The College Year is arranged in a long session of 36 weeks, divided into two semesters of 18 weeks each, designated as fall and spring; and a summer term of nine weeks, undivided. This arrangement began September, 1924.

Prior to September, 1924, the college year was divided into twelve-week terms.

The Credit or Semester Hour. The unit of calculating credit is the semester hour. One hour a week of recitation for a semester of 18 weeks is counted as one semester hour. Classes usually meet three times a week; thus for 18 weeks one would earn three semester hours. By carrying five courses, therefore, the student would earn 15 semester hours in 18 weeks, 30 a year and 120 in four years.

Full Year Courses. Most of the courses are arranged in units of one session of 36 weeks, and will not credit for less

time. Courses numbered 100 or more run for one semester, and count separately. Those numbered with (a) and (b) should be taken for the year; but in some cases by special permission one may count without the other. The (a) part should be taken first.

Correspondence Work. A limited amount of credit taken by correspondence in a standard school will be accepted toward a degree; but no correspondence course may be carried while the student is in residence work. Permission to take correspondence work must be secured from the Dean or Registrar. Any course begun by correspondence must be completed before enrolling for residence. A course in which the student has failed to make a passing grade may not be taken later by correspondence.

Before credit for a correspondence course may finally count toward graduation the student must pass an examination in the course given by the faculty of this institution.

Night Classes are provided for the benefit of those who are otherwise engaged during the day. These are regular classes in every way, and are not considered as extension work. A special announcement of these is issued in September. Just which classes are offered depends on the needs of those who apply.

Absence. Students are required to attend all classes regularly; hence no absences will be excused except for very good reasons (such as illness, enforced absence from the city, etc.), and then only when the reasons for absence are furnished to teachers by the proper officials of the University.

All work missed on account of absence must of course be made up, as the instructor may direct, whether the absence is excused or not.

Absences, from whatever cause, not officially excused, will materially reduce the semester grade of the student, and if the number of absences in a course (both excused and unexcused) exceeds nine (9) per semester, the student is precluded from a passing grade for that course that semester.

Punctuality of class attendance is insisted upon. Thus three tardy attendances not satisfactorily explained to the teacher are counted as one absence.

Group Absence. Groups, such as athletic teams, glee clubs, etc., may not be absent from the University more than 12 days total in any semester, and they count in reckoning the ten individual absences which preclude a passing grade. Usually if a group is absent 12 days, the individual will miss only six or seven times from any one class. Members of these groups should studiously avoid any other absences. These absences do not excuse the members from any assigned work of class.

Reporting Absences. Each teacher has the right to excuse an absence, but if he does not know the cause he shall report promptly to the Registrar, who will find out the cause and report to the teacher. If the student does not explain satisfactorily, a zero grade will be given.

Absences from the chapel assembly will be posted on the bulletin board, and if not satisfactorily explained will cause subtraction of credit hours from the student's permanent record.

A faithful student will either arrange for an absence in advance with the teachers or explain it immediately on return.

Eligibility to Represent the School in Public. In order to represent the University in any intercollegiate event, such as athletics, oratory, debate; or in public places of honor within or without the school such as in glee club, student body officers, editors, business manager, etc., the student must have passed in at least eighteen semester hours during his last two semesters of residence before participation, and he must have passed at least nine of these in each semester. (In the case of athletes the Southwest Athletic Conference requires that he must have passd in at least twenty semester hours instead of eighteen.) He is expected to be enrolled for fifteen hours, but may be carrying only twelve if approved by the Dean or Registrar, on account of employment to cover expenses, or for some other good reason.

REGISTERING and SELECTION of COURSES

INSTRUCTIONS FOR REGISTRATION

Those who plan to enter Texas Christian University for the first time should study carefully the following instructions, and also the calendar on page 4 of this catalog. Failure to do so may cause serious delay or may even prevent admission.

First. Write to the Registrar of Texas Christian University, Fort Worth, Texas, for our application blank.

Second. See that a certificate of your credits is sent by the last school you attended (high school or college) directly to the Registrar of Texas Christian University. No student will be considered for admission until this record is in the office of the Registrar.

Third. If the home of the applicant is not in Fort Worth, a room reservation fee of six dollars ($6.00) should be sent to the Business Manager of Texas Christian University as early as possible. Rooms are assigned in order of application.

Fourth. If this is your first time in college, or if you have less than a year's credits, be present at the Main Building at 9:00 a. m. Thursday, September 15, without fail. All Freshmen are required to devote all of the days September 15, 16, 17, to a program of organization, in what is known as "Freshman Week." No entrance examinations are given. Any tests have to do only with placing students in sections and advising them about courses. See page 41. This preliminary work saves the student much time and concern. It can be carried out only with the group all present. No student may be excused from it.

Freshman will report at the hour named, 9:00 a. m., September 15. Wide publicity is given to this announcement. There is no provision for those who apply later, and the right is reserved to reject all who apply after that hour.

Absences are counted beginning with the first meeting of the class. For freshmen, this will be Thursday, September 15.

Fifth. All accounts must be arranged at the Business Office by the student personally. This must be done as early

as possible and not later than Saturday, September 24. This is part of the matriculation program. (If parents or students find it necessary to arrange for time payments, conference should be had with the Business Manager, Mr. Butler S. Smiser, during the summer.) Detailed arrangements are as follows:

For freshmen: At a specified time during "Freshman Week."

For transfer students: Beginning Monday morning, September 19.

For all others: Beginning Tuesday morning, September 20.

After Saturday, September 24, a late fee of one dollar per day for each day late will be assessed to a maximum of five dollars.

Sixth. Arrange your courses during the previous summer, by correspondence with the Registrar. Experience proves that this plan is highly successful. Course cards, with full instructions, are sent to all who have been in attendance during the previous session, to all prospective transfers, and to prospective freshmen. Preference as to sections will be given in the order of date of the course cards, so long as sections are open. In this way long lines of waiting at the Registrar's office are avoided. In a few cases adjustments are necessary after the student arrives at the University. These will be made for the different groups as follows:

For first year freshmen: During "Freshman Week."

For all others: Monday, September 19.

Transfer students will assemble in the amphitheatre, Main Building, at 9:00 a. m., Monday, September 19.

The tables I to XV that follow are printed here to assist the student in selecting courses. They are merely summaries and cannot cover all details and exceptional cases. The "Requirements for Graduation" further on in the catalogue is the final reference in any case.

The courses are referred to by number, and these may all be found in the catalogue under the respective departments, which are arranged alphabetically. In every table physical training is assumed, so it is not set down here.

Each student will normally carry five subjects, reciting fifteen hours a week, earning 30 semester hours in the session.

Courses marked 3 hours run one semester only.

TABLES OF COURSES FOR FRESHMEN AND SOPHOMORES

TABLE I. *General for the A. B. degree.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	English 24	6
A foreign language	6	Bible 127 and Bible 121	6
Govt. 12, or Hist. 12	6	Psychol. 121 and another Psychol, or Phil	6
In addition to the above elect one of the following sciences:		Elective	6
Biol. 11	6	Elective or major	6
Chemistry 11	8	Total	30
Geology 18	6		
Physics 11	6		
Then add one of the following:			
Math. 12, or 13	6		
Hist. 12, or Govt. 12	6		
(Or a second science)			
Total	30		

TABLE II. *General for B. S. degree.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	Chem. 21	6
Math. 12	6	Physics 27	8
French or German	6	Math. 125, fall	3
Two of four sciences:*		Psychol. 121, spring	3
Biol. 11	—	Bible 121, 127	6
Chem. 11 (8)	—	In major or minor field	6
Geol. 18	6		
Physics 11	6		
Total	30	Total	32

*In the freshman year the student should select, out of the four sciences listed, the two that will be in his major or minor fields. (See page 78 for the combination of major and minors.)

TABLE III. *For those who plan to teach.*

Courses in Education should begin in the sophomore year. (Those who can produce evidence of serious purpose to teach after one year in college may be permitted to take Table III-B. All others take III-A.)

III-A

Freshman	*Sem. hrs.*
English 11	6
Govt. 12, or Hist. 12	6
A foreign language	6
Biology 11	6
Add one of the following:	
Hist. 12, or Govt. 12	6
Mathematics 12, or 13	6
(Or a second science Chem. 11, Geol. 18, Physics 11)	

III-B

Freshman	*Sem. hrs.*
English 11	6
Govt. 114, and Bible 117	6
Biol. 11 or Math. 12 or 13	6
A foreign language	6
Education 11	6
Total	30

TABLE IV. *For ministerial students.*

See the section of the Brite College of the Bible for full information.

Freshman	*Sem. hrs.*
English 11	6
Biol. 11 or Physics 11	6
Bible 117, 119	6
History 12	6
Add one of the following:	
Mathematics 12 or 13	6
Govt. 12	6
A foreign language	6
Total	30

Sophomore	*Sem. hrs.*
English 24	6
Rel. Educ. 21	6
Greek 22	6
Public Speaking 24a, fall	3
Psych. 121, spring	3
Soc. 24 or Eco. 21	6
Total	30

TABLE V. *For those preparing for religious education careers.*

See the section of the Brite College of the Bible for full information.

Freshman	*Sem. hrs.*
English 11	6
Biol. 11 or Physics 11	6
Bible 117, 119	6
Govt. 12, or Hist. 12	6
Add one of the following:	
Mathematics 12 or 13	6
Hist. 12, or Govt. 12	6
A foreign language	6
Total	30

Sophomore	*Sem. hrs.*
English 24	6
Sociology 24	6
Rel. Educ. 21	6
A foreign language	6
Psych. 121, and another Psych. or Phil	6
Total	30

For the Bachelor of Music Degree.

See the section of the School of Fine Arts for full information.

TABLE VI-A. *For the major in piano or violin.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
Piano or violin 12	8	Piano or violin 22	8
Music 11	6	Music 22	4
Music 12	6	Music 21	6
Music 13 and 14	6	College elective	6
English 11	6	Music or college elective	6
	32		30

TABLE VI-B. *For the major in voice.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
Voice 12	8	Voice 22	8
Music 11	6	Music 22	4
Music 12	6	Music 21	6
Music 13 and 14	6	A foreign language	6
English 11	6	Music or college elective	6
	32		30

Courses in applied music and electives to be chosen with advice of head of department and registrar.

TABLE VI-C. *For the major in public school music.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
Music 11	6	Public School Mus. Meth 22	6
Music 12	6	Music 22, and 23 or 24	6
Music 13 and 14	6	Music 21	6
Music 23 or 24	0	Education 23	6
English 11	6	Applied music	6
Piano	6		30
	30		

Courses in applied music and electives to be chosen with advice of head of department and registrar.

TABLE VI-D. *For the A. B. degree with a major in music.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	English 24	6
Govt. 12 or Hist. 12	6	Bible 127 and Bible 121	6
Physics 11	6	Psy. 121 and another Psy. or Philosophy	6
A foreign language	6	*Music electives	12
Music 11	6		
	30		30

*Electives to be chosen with advice of head of department or registrar.

TABLE VII. *For the student majoring in public speaking.*

See fuller information under this department.

Freshman	*Sem. hrs.*
English 11	6
A foreign language	6
Govt. 12 or Hist. 12	6
Elect one of the following:	
Biol. 11	6
Chemistry 11	8
Geology 18	6
Physics 11	6
Then add one of the following:	
Mathematics 12 or 13	6
Hist. 12 or Govt. 12	6
(Or a second science)	
Total	30

Sophomore	*Sem. hrs.*
English 24	6
Public Speaking 24	6
Public Speaking, 125, fall	3
Psychol. 121, spring	3
Bible 127, 121	6
Elective	6
Total	30

TABLE VIII. *For the student majoring in home economics.*

See fuller information under this department.

Freshman	*Sem. hrs.*
English 11	6
Biol. 11	6
A foreign language	6
Home Economics 12 or 14	6
Add one of the following:	
Chemistry 11	8
History 12	6
Mathematics 12 or 13	6
Total	30

Sophomore	*Sem. hrs.*
Home Economics 14 or 22	6
Home Economics 13 or 23	6
Biology 22	6
Chemistry 11	8
Bible 127	3
Psychology 121	3
Total	30

TABLES IX-XIII, *for pre-professional students, will be found in the following section on Pre-Professional Preparation.*

Preparation for Professional Careers

Texas Christian University offers complete professional training for the minister, the educator, the business man, and for the journalist. For medicine or law, the pre-professional courses are offered, meeting the standards required by the best professional schools.

The pre-law and pre-medical courses are explained below, and also the college courses leading to full professional training in the ministry, education, business and journalism.

The Fullest Preparation. Every student with ambition for a professional career should be impressed with the importance of securing an adequate foundation in a general

college course, before taking up the technical course. Nothing is more threatening to full success than a specialized training without the broad foundation of a general cultural education. This is recognized by the fact that professional schools are constantly increasing the amount of college work required for entrance into law, medicine, etc.

Every student is therefore urged to plan his course so as to obtain his A. B. or B. S. degree first of all.

Pre-Medical

The pre-medical student has three choices:

(1) *The B. S. degree,* with a major in science. This is the best and most desired by medical colleges. Some of the best schools require this for admission. For this course the student will choose the same studies in beginning years, as in the Seven-Year Course below.

(2) *The Seven-Year Course,* three years in college and four in medical college. The subjects in this course are listed below. A student completing this three-year course in this school will be accepted by a medical college as a senior *in absentia,* and after his first year's medical course has been completed with an average grade equivalent to our C, will receive the degree of B. S. from Texas Christian University. The general requirements for the degree must be met and average of C, including failures in the calculation. Should the student fail to make the C average during his freshman year in medical college, the conferring of the Bachelor of Science degree will be deferred until graduation from medical college.

This combination is planned for students who spend three years in Texas Christian University. It may be allowed on two years of such residence on permission, but not on less.

The three years' college work must be completed before entering medical college, but special permission may be secured to complete a small amount of credit in summer terms later, provided this arrangement is agreed upon before the student enters medical college. Otherwise, the student later applying for the A. B. or B. S. must present full four years of work.

TABLE IX. *For pre-medical students, including the third year for the combination degree.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*	*Junior*	*Sem. hrs.*
Biol. 11	6	Biol. 27	6	Bible 121, 130	6
Chem. 11	8	Chem. 21	6	Physics 27	8
English 11	6	Govt. 120, 126	6	Chem. 34	8
Math. 12	6	Psychol. 121	3	Math. 125	3
French or German	6	Bible 127	3	Elective	6
Total	32	French or German	6	Total	31
		Total	30		

(3) *The Minimum Pre-Medical Course.* The minimum for any medical college is two years of college work (60 semester hours), including biology 8, general chemistry 8, organic chemistry 4, physics 8, English 6. Many schools prescribe, and all strongly urge, several other subjects. The University of Texas requires also government 120.

The Faculty advises every pre-medical student to take the full B. S. degree, or at least the combination degree course, with three years in college; and does not advise this minimum course. It is difficult to enter medical college on the minimum. Those who take the minimum course should secure the catalog of the medical college they expect to attend, and take the subjects prescribed therein.

Quality of Pre-Medical Work. By virtue of its membership in the Association of Colleges of the Southern States, the Association of American Universities, as well as the excellent records her graduates have made in medical colleges, Texas Christian University is recognized by all medical colleges, and her students are given full credit.

There is *esprit de corps* in the science departments under the general chairmanship of Prof. Winton that brings out the best of every student. To guide the career of a worthy student and secure opportunities for advanced study is one of the joys of this department.

The Bio-Geo Club gives the students opportunity for mutual helpfulness and brings to them many extra features as well as fellowship.

Pre-Law Course

Generous provision is made for the law student. The social science departments are grouped together under the chairmanship of Dr. Lord, who heads the department of government, and is adviser to pre-law students.

The students are thereby given a thoroughness in the foundation courses that enables them to make good records in law college later. The number of them is sufficient to make a group spirit that is inspirational and enjoyable.

Full Preparation. The student preparing for law should complete the A. B. degree before entering a law college. The best law schools require this. It affords that basis of general culture, trained thinking and wide information essential to the best career in law. The student should major in government or history.

Combination Course for B. A. and LL. B. Degrees. The student who completes the three years' course outlined below in this University may, on later receiving his LL. B. degree from a standard law college, receive his A. B. degree from Texas Christian University, provided he has petitioned for this combination before leaving this institution, secured written official approval of his courses from the Registrar's office, and has arranged satisfactorily for the fulfillment of all the general requirements for the degree and has an average of C, including failures in the calculation. The three years of college work must be completed before entering the law school, but special permission may be secured to complete a small amount in summer terms later, provided this arrangement is made before the student leaves the University.

This combination degree is planned for those who spend three years in Texas Christian University. It may be allowed on two years of such residence on permission, but not on less.

TABLE X. *For the pre-law students taking the combination course, A. B. and LL. B.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*	*Junior*	*Sem. hrs.*
Eng. 11	6	Eng. 24	6	Bible 121	3
Math. 12 or 13	6	Govt. 126, 128	6	Bible in 30's	3
A foreign lang.	6	Hist. 21	6	Hist. 32	6
Hist. 12, or Govt. 12	6	Eco. 21	6	Govt. 36	6
Science 11	6	Bible 127	3	Govt. 30 or 31	6
		Psychol. 121	3	Eco. 130-140	6
Total	30	Total	30	Total	30

Although this University strongly urges that the student take his A. B. degree, or at least the combination course, before going to law school, yet it is possible for the student to enter a law school on a two-year course.

Table XI below gives the requirements of the University of Texas for such a two-year course.

Note: A student who starts on our three-year course, and who, at the end of his first year, decides to change to the two-year course, will find it necessary to take a course in English history in addition to the regular sophomore course, before he can qualify for entrance into law school. Our course, Government 12, is placed in the freshman year because it is practically essential as a foundation for the student who majors in government.

TABLE XI. *For the student expecting to enter a law college on two years of college work.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
Eng. 11	6	Eng. 24	6
Math. 12	6	Eco. 21	6
Hist. 21	6	Hist. 32	6
Science 11	6	Govt. 126, 128	6
Hist. 12 or Govt. 12	6	*Govt. 36	6
Total	30	Total	30

*For the fifth subject the University of Texas accepts any course of sophomore rank and advises commerce 22.

Business Administration

The aim of the Department of Business Administration is to provide for the student who plans a business career a cultural education of equal value with that of the professional man, yet stressing those courses that fit the student definitely for leadership in the business world. The result of such training will be to lift a business career to the prestige of a profession.

It is not primarily the purpose of the department to produce students who can go immediately into executive positions. A student taking the work in Business Administration may expect to start into commercial life at the foundation, but the opportunities and possibilities for the success of that student should be much greater as a result of his university training.

The department is open to both men and women. Every effort is made to place students who receive the degree of Bachelor of Business Administration in suitable positions, upon the completion of the course in the University. The department also keeps in touch with graduates and assists them in changing to positions of advancement.

A special degree, Bachelor of Business Administration, equivalent in rank with the Bachelor of Arts degree, is conferred upon students who specialize in this field.

Students are also required to prepare a thesis in their senior year in the field of their specialty, and submit it, typewritten, in duplicate. Outlines of the thesis must be in by March 1st and the final thesis must be completed by May 1st. The thesis must be approved by the faculty of the department. The subject of the thesis must be selected not later than December 1st of the senior year, and it must be approved by the Director of the Department of business administration.

The office of the department of business administration is located in the basement of Brite College, and students are requested to consult with the faculty members at any time about the arrangement of their courses.

Sophomore standing is required of all regular students before they are allowed to take any work in the field of business administration.

TABLE XII. *For those intending to take the B. B. A. degree.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	English 24	6
Govt. 12	6	Govt. 126, 128	6
Add one of the following sciences:		Commerce 22	6
Biol. 11	6	Economics 21	6
Chemistry 11	8	Bible 127 and 121	6
Geology 18	6		
Physics 11	6	Total	30
Add two of the following:			
Mathematics 12 or 13	6		
A foreign language	6		
Bible 117 fall, Math. 117 spring	6		
Total	30		

Journalism

The professional courses in the Department of Journalism, and those prescribed in the College of Arts and Sciences, are planned with two aims in view—to offer instruction and practice in the fundamentals of newspaper work, and to provide such studies as are best adapted to give the broad training necessary for the successful pursuit of journalism as a profession.

The technique of journalism, like that of engineering, agriculture, law, etc., can be acquired in school as well as laboriously absorbed in the newspaper office. Experience the newspaper man must have, it is true, but much of the waste and misdirected energy of his early years in journalistic work may be saved by the supervised training given in a school. Such preliminary instruction results in a saving both in costs and time to the employer and the young reporter.

The laboratory method is applied to the teaching of journalism in Texas Christian University, much as it is employed in the study of sciences, and with the same advantages. Through his own experience the student is able to link practice with classroom discussion. The plan makes for interest and efficiency.

In view of the fact that proficiency on the typewriter is essential to the newspaper man, it is the practice of the department of journalism to insist that all copy be written on the typewriter. While machines are provided in the

laboratory, it is advantageous that each student have a typewriter for private use.

In the first two years of the journalism course the general cultural background is laid, stressing those lines of thought most needed by a journalist—English and the social sciences. The two upper years will be devoted largely to the special professional courses.

The beginning student, planning to major in journalism, will choose the following courses:

TABLE XIII. *For students preparing for journalism.*

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	English 24	6
A foreign language	6	Journalism 23	6
Govt. 12 or Hist. 12	6	Psychology 121	3
Elect one of the following sciences:		A Social Science	6
Biol. 11	6	Bible 121, 127	6
Chemistry 11	8	Another Psych. or Phil.	3
Geology 18	6		
Physics 11	6	Total	30
Add one of the following:			
Hist. 12 or Govt. 12	6		
Mathematics 12 or 13	6		
(Or a second science)			
Total	30		

TABLE XIV. *Citizenship group (Social Sciences).*

In order to meet the needs of those who wish to pursue work in the social sciences, majoring in economics, government, history or sociology, the following course of study is outlined. It is highly desirable that students major in the social sciences in both graduate and under-graduate work should take French or German as the required foreign language, since the most valuable foreign literature is available in these languages.

Freshman	*Sem. hrs.*	*Sophomore*	*Sem. hrs.*
English 11	6	English 24	6
Science 11	6	History 21	6
History 12	6	Government 128, 126	6
Social Science, Govt. 12	6	Economics 21	6
A foreign language	6	Sociology 24	6
Total	30	Total	30

Junior	*Sem. hrs.*
Economics or Sociology	6
Government	6
History	6
Bible	6
Psychology 121, Bible (3)	6
Total	30

Senior	*Sem. hrs.*
Economics, history, government, sociology, 12 semester hours in the major	12
Philosophy 34	6
*Electives (Chosen with the approval of the major professor)	12
Total	30

*These electives are not necessarily confined to the senior year, but may be used earlier by adjusting the schedule through the help of advisers.

TABLE XV. *For students preparing to become teachers of physical education.*

Freshman	*Sem. hrs.*
English 11	6
Govt. 12, or Hist. 12	6
A foreign language	6
Biology 11	6
Add one of the following:	
Hist. 12, or Govt. 12	6
Mathematics 12, or 13	6
(Or a second science, Chem. 11, Geol. 18, Physics 11)	
Total	30

Sophomore	*Sem. hrs.*
English 24	6
Bible 127, 121	6
Psy. 121, Phil. 123	6
Biology 22	6
Elective	6
Total	30

Junior	*Sem. hrs.*
Phys. Educ.	12
Educ. 136-134	6
First minor	6
Elective	3
Govt. 120	3
Total	30

Senior	*Sem. hrs.*
Phys. Educ.	9
Educ. 41	6
First minor	12
Bible	3
Total	30

REQUIREMENTS
for
GRADUATION

REQUIREMENTS FOR GRADUATION

In prescribing the requirements for graduation, the faculty accepts the idea of a limited elective system; requiring certain prescribed subjects, in order to give breadth; and the concentration upon some definite form of related subjects to afford a comparative mastery of some field.

(A) Requirements for Any Bachelor's Degree

The requirements for any Bachelor's degree are summarized under four heads:

1. *Required Subjects.* These will be specified below for each degree separately. See B "Detailed Requirements for Each Degree."

In all cases, the candidate's use of the English language must meet the approval of the proper committee of the faculty.

2. *Majors and Minors.* Each student is required to elect by the end of his Sophomore year a group in which he will work for his major, a minimum of 24 semester hours, first minor 18 semester hours, and second minor 12 semester hours. The courses selected under each major or minor must have the approval of the head of the department involved, in writing on the Advisor's Recommendation Slip. An additional number of credits may be exacted to meet the requirement of the department.

Each department may require a comprehensive examination as a means of encouraging a co-ordination of the courses.

Under each department in the catalog will be found a statement of the requirements for a major in that department. The groups given below are a general summary and should be interpreted, in any case, by the more specific arrangement under each department. A list of groups showing available majors and minors are shown for each separate degree below.

3. *Total of Credits.* Each student is required to make before graduation a total of 120 semester hours with an average grade of C or higher (point index 1:00), including failures in the calculation, doing resident work in this

University at least 36 weeks, earning at least thirty semester hours in addition to any number accepted from other schools; or used for another degree.

Thirty of the 120 semester hours must be advanced courses; that is, numbered in the 30's, 40's or 50's. If a second bachelors degree is taken an additional 30 hours of advanced work will be required.

Transfer students must present at least 12 semester hours of courses numbered in the 30's, and 18 in the 40's and 50's; and all work done in this institution must average the C grade or higher, including failures in the calculation.

The last 30 semester hours are to be done in Texas Christian University, except as provided for in the combination degrees with law or medicine.

By semester hour is meant one hour of recitation (or two hours of laboratory work) per week for one semester of 18 weeks. For estimation of points see page 47.

4. *General Character.* Additional credits may be required of candidates for graduation as a penalty for improper conduct. No student may be graduated who is guilty of any gross offense, or who fails to make a satisfactory adjustment of his financial account with the institution.

The applicant for any degree must file a petition for candidacy seven months previous to the date of his graduation; and his general fitness and character must be passed upon favorably by the faculty before he may be considered a candidate.

The candidate must be present in person to receive a degree, except that if the candidate is not present at the time the degree is regularly due to be conferred, it may be conferred *in absentia* at the next June Commencement occasion thereafter.

This postponement may be waived by majority vote of the Cabinet in extreme and rare cases, such as unavoidable confinement by illness, but not for mere personal convenience or financial saving.

(B) Detailed Requirements for Each Degree

Bachelor of Arts

The Required Subjects for Bachelor of Arts.

(This is the detail of No. 1 above.)

Each candidate for the Bachelor of Arts is required to take the following courses:

Science.—Biology 11 or chemistry 11 or physics 11 or geology 18—six semester hours.

Under the conditions noted a student may substitute for the above the following:

Geology 29, if one high school unit of zoology has been completed. Physics 27, if one high school unit of physics has been completed. If no laboratory science was presented in entrance units six semester hours additional must be taken in college and this must be in a laboratory course. This will make a total of twelve semester hours and all of them will be counted for college credit.

Bible.—Nine semester hours, including courses 117 or 127; and six semester hours from 121, 130, 131, 134, 143, religious education 136.

English.—Twelve semester hours; English 11 and 24.

Foreign Language.—Six semester hours of one language beyond the first year of the language and passing a test in the reading knowledge of the language.

Social Science.—Government 12, or history 12, six semester hours.

Philosophy.—Six semester hours; psychology 121 and either psychology 124, 128, 132, 135, 136 or philosophy 122 or 123.

Physical Education.—Two years required in addition to the 120 semester hours; these to be taken in the first two years. (See Physical Education Department for penalty for delay.)

Groups: Majors and Minors for B. A.

(This is the detail of No. 2 above.)

The student is reminded that not all the combinations of majors and minors that are permitted for the A. B. degree are suitable as a background for graduate work. You are advised to consult your major professor at the time you make your declaration of majors and minors.

1. The English Group:

Major, 30 semester hours of English including English 11, 24, 50.

First Minor, 18 semester hours in a foreign language or philosophy or history or sociology or public speaking.

Second Minor—None required.

Prescribed, Philosophy 34; history 21, and French 21 or German 21.

2. Modern Language Group:

***Major,* French or Spanish.**

***First Minor,* The other of these subjects, or German, or Latin.**

***Second Minor,* Education, or English, or German, or Latin.**

3. The Social Science Group: (see also Citizenship Group page 69.

***Major,* Economics, government, history, or sociology.**

***First Minor,* Another of these subjects, or (with history), English or philosophy; (with sociology),** psychology, Bible or religious education.

***Second Minor,* Another of these subjects, or French or** German or education.

4. The Mathematics Group:

***Major,* Twenty-four semester hours in mathematics.**

***First Minor,* Chemistry, physics.**

***Second Minor,* Another of the above subjects or a foreign language or education.**

5. The Bible Group:

Major, Twenty-four semester hours in religion.

First Minor, Eighteen semester hours in English, Greek, history, psychology, public speaking, religious education or sociology.

Second Minor, Twelve semester hours in another of these subjects, or any foreign language.

Prescribed, See the detailed course under the Brite College of the Bible.

6. Classic Group:

Major, Twenty-four semester hours in Greek, Latin or Semitics.

First Minor, Another of these.

Second Minor, English.

7. Public Speaking:

Major, Twenty-four semester hours in public speaking.

First Minor, Eighteen semester hours in English.

Second Minor, Twelve semester hours in economics, education, government, history, psychology or sociology.

8. Journalism Group:

Major, Thirty semester hours in journalism.

First Minor, Eighteen semester hours in English, economics, government, history, or sociology.

Second Minor, Twelve semester hours in another of these subjects.

Prescribed, Economics 21 or sociology 24.

9. Philosophy—Psychology. (For details of the requirements for majors and minors in philosophy and psychology, consult the departmental sections of the catalog.)

10. The Music Group:

Major, Music, 30 semester hours including courses 11 and 41. At least 12 hours must be in the 30's and 40's.

First Minor, Eighteen semester hours of English, a foreign language, history, philosophy or psychology.

Second Minor, Twelve semester hours in another of these or education or public school music.

Required, The student must qualify by credit or test for entrance into the freshman course in either piano, voice or violin. Not more than 12 semester hours in these subjects may credit toward the A. B. degree.

See the section of the School of fine arts for full information.

BACHELOR OF SCIENCE

The Required Subjects for Bachelor of Science.

(This is the detail of No. 1 above.)

Each candidate for the degree of Bachelor of Science is required to take the following courses:

Bible.—Nine semester hours, including courses 117 or 127; and six from 121, 130, 134, 143, religious education 136.

Social Science.—Government 12, or history 12, six semester hours if taken in freshman year; or if taken later, economics 136 and sociology 143 or sociology 143 followed by some other course in sociology will satisfy the requirement.

English.—English 11, six semester hours.

Foreign Language.—French or German, six semester hours, beyond the first year of the language, and passing a test in the reading knowledge of the language.

Mathematics.—Twelve semester hours usually, but see each major department.

Psychology.—Three semester hours, psychology 121.

Science.—Six semester hours each in biology, chemistry, geology, physics, usually, but see each major department.

Upon the recommendation of the head of the department affected, and the chairman of the science departments, the students may omit those two of the above four sciences that will not be in his major or minor field.

Physical Education.—Two years, in addition to the 120 semester hours, and these to be taken in the first two years. (See Physical Education Department in this catalogue for penalties for delay.)

Groups: Majors and Minors for B. S.

(This is the detail of No. 2 above.)

1. The Natural Science Group:

Major, Biology, chemistry, geology or physics.

First Minor, Biology, chemistry, physics, or (except with physics) geology.

Second Minor, is satisfied by the requirement of six semester hours each in four sciences.

The Mathematics Group:

Major, Mathematics.

First Minor, Physics or chemistry.

Second Minor, Same as one above.

The B. S. in Home Economics

Required subjects for B. S. in H. E.

(This is the detail of No. 1 above.)

Bible.—Nine semester hours, including courses 117 or 127; and six from 121, 130, 131, 134, 143, religious education 136.

Social Science.—Government 12, or history 12, six semester hours if taken in freshman year; or if taken later, economics 136 and sociology 143.

English.—Six semester hours, English 11.

Foreign Language.—Six semester hours, beyond the first year of the language, and passing a test in the reading knowledge of the language.

Psychology.—Three semester hours, 121.

Science.—Included in the majors and minors.

Physical Education.—Two years in addition to the 120 semester hours, and these to be taken in the first two years.

Majors and Minors for B. S. in H. E.

(This is the detail of No. 2 above.)

Major, Foods, twenty-four semester hours exclusive of 112.

First Minor, Clothing, eighteen semester hours exclusive of 111.

Second Minor, Chemistry, fifteen semester hours including courses 11, 21a and 34.

Prescribed, Biology 11, 22 and 32a.

Bachelor of Business Administration

The required studies for B. B. A.

(This is the detail of No. 1 above.)

Bible.—Nine semester hours, including courses 117 or 127; and six from 121, 130, 131, 134, 143, religious education 136.

English.—Twelve semester hours, including courses 11 and 24.

***Foreign Language.**—Six semester hours, beyond first year of the language, and passing a test in the reading knowledge of the language.

Psychology.—Six semester hours, courses 121, and either psychology 124, 128, 132, 135, 136 or philosophy 122 or 123.

Science.—Six semester hours.

Physical Education.—Two years, in addition to the 120 semester hours and these to be taken in the first two years. (See Physical Education Department in this catalogue for penalties for delay.)

Groups: Majors and Minors for the B. B. A.

(This is the detail of No. 2 above.)

Major—Business administration, twenty-four semester hours; commerce 22 required.

First Minor—Economics, eighteen semester hours. Economics 21 and 135 required.

Second Minor—Government, twelve semester hours, including government 12 and choice of 126, 128 or 36. Economics 139 and economics 147 may be counted as commerce on a business administration major if the student so desires.

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*Or the foreign language requirements may be omitted, provided the student takes nine semester hours in mathematics courses 12 and 117. (In any case he must satisfy the entrance requirements of two units in a foreign language.)

Other Bachelor Degrees

The Bachelor of Education Degree

This is explained in the section of the catalog under the "School of Education."

The Bachelor of Music Degree

This is explained in the section of the catalog under "School of Fine Arts."

The Bachelor of Divinity Degree

This and other courses are explained in the section of the catalog under "Brite College of the Bible."

MASTER OF ARTS AND MASTER OF SCIENCE

The requirement for graduate degrees are explained in the section of the catalog devoted to the Graduate School.

RATES

Rates are cash in advance.

Patrons whose finances require it may make application for exception. Such application should be made at least ten days prior to matriculation. If allowed, any deferred payments must be closed in notes bearing interest from date of matriculation at eight per cent. Such notes must be met promptly at maturity; failure to do so subjects the student to dismissal from classes, without notice.

Matriculation Information

Matriculation in the University is a declaration of acceptance of all rules and regulations in the University catalogue.

Regular matriculation for the fall semester will end September 24th. Regular matriculation for the spring semester will end February 8th.

Students matriculating after regular time allotted for matriculation will pay a late fee of $1.00 for the first day and $1.00 additional for each day thereafter to a maximum of $5.00. Those who fail to matriculate by the end of this period are subject to dismissal from classes without notice.

In no case will a student be permitted to remain in classes permanently until bills are settled or satisfactorily arranged. When bills are mailed to parents or guardians, ten days will be allowed for settlement. A student will be conditionally admitted to classes for ten days only, pending settlement of his account. If after ten days the account remains unsettled, the student will be dropped from classes.

Students making any change in courses other than at regular matriculation periods will be charged a fee of $1.00.

Charges are made by the semester, and no estimate by the month, week or day will be recognized.

A physical examination is required during matriculation of every entering student, and is conducted by the Medical Director without extra fee. If taken after regular matriculation period, a fee of $1.00 is charged.

Vaccination is required unless excused by the University physician. A fee of $1.00 is charged. It is urged that the student be vaccinated before he enters the University.

ALL BOOKS ARE CASH; no exceptions.

The TRUST FUND BANK is an integral part of the business office, and is operated by the University, free of charge. Students are urged to handle their personal accounts through this medium.

Athletic Coupon Book: Any student paying literary tuition will be issued an Athletic Coupon Book without cost, this book containing coupons covering all regular athletic events held at the University. These books are not transferable, any infringement of this rule subjecting the book to cancellation. If lost, NO DUPLICATE WILL BE ISSUED, but the matter should be reported to the business office at once, so that in case the original is recovered, it may be returned to the rightful owner. Upon withdrawal from the University, the student must immediately relinquish his Athletic Coupon Book to the business office for cancellation. Retention of the book subjects an ex-student to the maximum admission charge of each event, dating from the time of his withdrawal.

Room Deposit

A room deposit of $6.00 is required to cover possible damage. Such deposit will be held until the student withdraws permanently from the dormitory. After the amount of damage (if any) has been deducted, the balance will be refunded. Students are responsible for their own rooms, and any damage will be charged to the occupant, unless he can prove that it was done by some other individual, in which case damage will be charged to the guilty person.

No electric irons, double sockets or other electrical appliances are permitted in any dormitory room. No cooking, serving, or preparing of meals is allowed in dormitory rooms.

Library Deposit

Every student taking work in the University is required to make a deposit of $5.00 for the use of the library. This deposit is held by the University until the student withdraws permanently, at which time $4.00 is refundable. Fines are charged in accordance with regular library rules and cannot be deducted from the $5.00 deposit. Fines must

be paid in cash when they reach a minimum of $2.00. Failure to comply with these regulations is suspension of library privileges.

Chemistry Breakage Deposit

All chemistry courses require a breakage fee of $5.00 per year, except organic courses which require a deposit of $10.00 per year. This fee is refundable at the end of the year, less breakage. A student whose breakage reaches the maximum of his deposit before completion of the course will be required to pay this breakage, leaving his deposit intact.

Tuition Rates—Undergraduates and Graduates

	Per Semester
One course, 3 semester hours	$ 30.00
Two courses, 6 semester hours	55.00
Three courses, 9 semester hours	80.00
Four courses, 12 semester hours	100.00
Five courses, 15 semester hours	100.00
Six courses, 18 semester hours	120.00
Library deposit ($4.00 refundable)	5.00

Any course coming in semester hours other than the above will be charged the same as the next higher number.

The tuition includes a small amount for the cost of examination books, which are furnished by the University.

Visitors' Fee.—Privilege of visiting a class regularly without credit will be at the same rate as tuition, unless the student is already paying for four or more courses.

Board and Room

Board—($6.00 per week), per semester	$108.00
Room Rent—($2.50 per week), per semester	45.00
Medical Fee, required of dormitory students, per semester	7.50

Board is charged at a fixed rate by the semester, but meals are served on the cafeteria plan, thus affording a choice and a variety of palatable food.

All students living in dormitories are required to board regularly in the University Cafeteria. Students who are not regular boarders will be charged according to their selection of food.

Rates on board are subject to change without notice.

Medical Fee covers only such cases of illness as can be treated at the University.

Summary of Normal Expense

This table is given as a practical aid to the student in figuring his bill, and is not to be regarded as complete in

every case. Laboratory fees for science courses are additional (see below). Fine Arts tuition is additional (see page 235). Home Economics has extra fees (see page 85). For extra fees in Religious Education see page 180.

For Town Students

	Fall	*Spring*
Four or five subjects	$100.00	$100.00
Library deposit (first year)	5.00	.....
Student Publication fee	6.50	.....
Total	$111.50	$100.00

For Dormitory Students

	Fall	*Spring*
Four or five subjects	$100.00	$100.00
Student publication fee	6.50	.....
Board	108.00	108.00
Room rent	45.00	45.00
Hospital fee	7.50	7.50
Room deposit (first year)	6.00	.....
Library deposit (first year)	5.00	.....
Total	$278.00	$260.50
Total for the session		$538.50

All students entering in the spring semester are subject to the publications fee of $6.50 and the library deposit of $5.00. Dormitory students are also subject to the room deposit of $6.00.

Fees

Student publication fee ..... $ 6.50
(This fee is paid once a year by all students whose literary tuition amounts to as much as $80.00.)

Biology and Geology Laboratory Fees

	Fall	*Spring*
Biology or Geology 11, 18, 29, 32 or 34	$ 10.00	$ 6.00
Biology 12	6.00	10.00
Biology or Geology 27, 31, 35 or 36	10.00	10.00
Biology or Geology 141, 50, 151, 52, 56, 157, 158 or 159	No fee	No fee
Biology 22	2.00	2.00
Geology 30	6.00	No fee
Biology or Geology 54 or 63	6.00	6.00

Chemistry Laboratory Fees

	Fall	*Spring*
Course 11, 21 or 25	$ 12.50	$ 7.50
Course 121	No fee	10.00
Course 34	15.00	10.00
Course 45	5.00	5.00
Course 51 or 52	12.50	12.50
Course 141, 154 or 160	No fee	No fee
Course 53 or 60	$3.00 per semester hour	

Physics Laboratory Fees

	Fall	*Spring*
Course 11, 27, 31 or 326	$ 8.00	$ 8.00
Course 41	8.00	No fee
Course 140	No fee	No fee
Courses not numbered	$3.00 per semester hour	

Home Economics Laboratory Fees

	Fall	*Spring*
Any Food Course 14, 22, 34, 36, 112, 144 or 146	$ 15.00	$ 15.00
Any Clothing Course 13, 23, 111, 121 or 137	10.00	10.00
Millinery 126	5.00	5.00
Designing 133 or 135	5.00	5.00

Psychology Fee

	Fall	*Spring*
Psychology 124	Not offered	$5.00

Fine Arts

Courses in the School of Fine Arts require extra fees which will be found under the sections of the catalogue assigned to this school.

Students taking only one-half time in any Fine Arts subject will be charged 60 per cent of full rate.

No reduction is made for taking double time in any subject.

DIPLOMA FEES

Bachelor Degrees $10.00
(Except Bachelor of Divinity, $15.00.)

Master Degrees 17.50
(This fee includes $2.50 for the cost of binding two library copies of the graduate's thesis. Such extra copies as are desired must be paid for in the library at the rate of $1.25 each, at the time the order is placed.)

Fine Arts Certificates 5.00

The cost of engrossing honors on diplomas will be assumed by the University, provided the diploma is presented to the business office within 60 days from date of graduation.

DISCOUNTS

Discounts for children of ministers who are solely dependent upon the ministry for support, and for children of employees of the University, apply to tuition in the College of Arts and Sciences only, as per schedule below:

Basis	Tuition	Allowance	Due by Student
3 semester hours	$ 30.00	$ 2.50	$27.50
6 semester hours	55.00	15.00	40.00
9 semester hours	80.00	27.50	52.50
12 or 15 semester hours	100.00	37.50	62.50
18 semester hours	120.00	47.50	72.50

Ministers' and employees' children over twenty-one years of age will pay regular rates.

SCHOLARSHIP ALLOWANCES

The nature of all scholarships is fully explained on page 32. Allowances will be made according to literary tuition charges as follows:

Basis	Tuition	Allowance	Due by Student
3 semester hours	$ 30.00	$ 5.00	$25.00
6 semester hours	55.00	30.00	25.00
9 semester hours	80.00	55.00	25.00
12 or 15 semester hours	100.00	75.00	25.00
18 semester hours	120.00	75.00	45.00

REFUNDS AND REDUCTIONS

Students who have paid their accounts in advance, but who leave before the end of the semester will, upon returning their athletic book to the business office, be refunded all unused charges for board, room rent and tuition. No refunds will be made on hospital, student activity or laboratory fees.

Requests for Room, Library and Chemistry Deposits must be made within three months from date of permanent withdrawal, and no refund of such deposits will be made after this date. Requests for Locker Deposits must be made by August 31st, following their issuance, and no refunds of such deposits will be made after this date.

Students who matriculate and withdraw from school without attending classes will be refunded any items paid, less $10.00 to cover the expense of matriculation.

Students losing time in the School of Fine Arts on account of illness of the teacher will not receive a rebate,

if the work can be made up. In case the student is ill, making up the work is optional with the teacher.

No refund will be made on account of a change in course of study nor for dropping subjects during a semester unless authorized by the Dean of the Faculty.

Week-end visits are not permitted except upon approval of matron or dean, nor oftener than once a month; home visits not oftener than once a semester. No rebate on board or room rent will be made for such visits or for holidays.

Miscellaneous Information

Guests of students will be required to pay the same rates for board and room as are charged to students.

The University is not responsible for the loss of personal property belonging to students, or guests, in University buildings or on the campus, whether the loss occurs by fire, theft, or some unknown cause.

Students are not admitted to examinations and are not entitled to college credits unless all bills, such as board, room rent, tuition and fees have been paid. No student will be granted his degree, nor allowed to participate in the graduating exercises of his class, nor granted a transcript of credits unless all accounts and notes at the University are paid in full. No exception will be made to this rule.

ANNOUNCEMENT of COURSES of INSTRUCTION for the SESSION of 1932-33

COURSES OF INSTRUCTION

Explanation of Markings.—Courses numbered from 10 to 19 are for freshmen, and if taken by juniors or seniors are allowed only two-thirds their regular amount of credit. Those numbered in the 20's are sophomore courses, and when taken as required courses by seniors are allowed only two-thirds credit. Those in the 30's are junior courses, and those in the 40's are junior and senior. Those in the 50's are for graduates and seniors only. Those in the 60's for graduates only. Courses in the Brite College of the Bible beyond the 60's are for those who are taking the B. D. or M. Rel. Educ. degree after having taken the required bachelor degree.

A student may not, as a rule, enroll for a course higher than his rank.

At least 30 semester hours of the 120 for graduation must be in the 30's, 40's and 50's.

Courses numbered 100 to 200 are valued at less than the regular six semester hours (usually three), but sometimes four, or two, or one. Such a course usually runs one semester, but may run the year. Each course thus numbered is a separate unit.

A course subdivided into a and b may, for special reasons, be credited for one semester without the other; but it is expected to be taken as a year's unit.

All courses numbered below 100 and not divided into a and b, must be taken for the full session of six semester hours in order to obtain any credit.

Each course runs for the entire session of two semester unless definitely stated otherwise.

The letters following the names of the courses indicate the days of the week, and the figures the hour of recitation. Each class period is one hour in length.

DEPARTMENT OF BIBLE

Professors Billington, Hall, Lockhart, Morro and Pickerill.
Associate Professor, Cameron.
Assistant Professor, Hutton.

The courses offered in this department are designed with at least three different groups of students in view. Each student should choose his courses with these purposes in mind.

1. *For General Culture.* The Bible is so basic to the elements of our civilization, as well as the requirements for character building that a knowledge of it is deemed essential to an all 'round education. Hence any Bachelor's degree except the B. M. requires nine semester hours of Bible.

2. *Training for Lay Leadership in the Churches.* "Teacher Training Courses" of recognized merit are being used in all church communions to prepare local leaders. The College courses announced below include much of the content of these "Training Courses," and extend in scope much beyond them. Students while in college should

utilize these Bible courses to make themselves of more value to the local churches. Credit is given for them toward the Teacher Training Diploma.

Bible 136 is especially designed for leadership in the church school of the local church.

3. *For Professional Training.* Those preparing for vocational careers in religion will find some courses specially designed for them. A major may be chosen in this department. For detailed advice consult the catalog under "The Brite College of the Bible."

Required Bible

Required for any Bachelor's degree except the B. M., a total of 9 semester hours, which should include Bible 117 or 127. The other 6 semester hours may be chosen from the following: Bible courses: 121, 130, 131, 134 (same as Religious Education 134), 143, or Rel. Ed. 136. It is desired that a three semester-hour course be taken each year, of the first three college years.

Requirements for a Major in Religion:

For this, consult the Brite College of the Bible section, which explains the combination course, majoring in religion.

117. The Life of Christ **3 semester hours.**

Fall.	*Spring.*	
M. W. F. 11:00	*M. W. F. 11:00, for Ministerial Students*	*Mr. Hutton.*
T. T. S. 10:00	*T. T. S. 9:00*	*Mr. Hutton.*

A study of the main facts of the life of Jesus with the social, political and religious backgrounds that help to explain it; with an introduction to the meaning of His life to modern times. This includes the material given formerly in courses 115 and 116.

119. Survey of Old Testament History 3 semester hours.

M. W. F. 11:00 *Fall.* *Mr. Cameron.*

For ministerial students only.

This course will consist of a rapid survey of the historical contents of the Old Testament from the Creation to the return from Babylon. It will also trace the development of moral and religious ideals with reference to their bearing on the New Testament.

121. Survey of Hebrew History **3 semester hours.**

Fall.	*Spring.*	
M. W. F. 8:00.	*M. W. F. 8:00.*	
M. W. F. 9:00		*Messrs. Cameron and Billington.*
T. T. S. 10:00.		
T. T. S. 11:00.	*T. T. S. 11:00.*	

Beginning with the Creation as told in Genesis this course will trace the development of the Hebrew nation to the return from Babylon. The moral and religious ideals of the lawgivers and the prophets will be interpreted in their bearing on society and the individual.

127. Life of Christ. 3 semester hours.

Fall.	*Spring.*	
M. W. F. 8:00	*M. W. F. 9:00*	*Mr. Hutton.*
T. T. S. 8:00	*T. T. S. 10:00*	

Required of all sophomores who did not take 117 as freshmen. May not be taken by students who have had 117.

This covers the same scope as 117, but more advanced.

130. Teachings of Jesus 3 semester hours.

M. W. F. 8:00. *Fall.* *Mr. Morro.*

Open to juniors and seniors only.

The teaching of Jesus upon various religious, ethical and social questions are presented by lecture and prescribed reading and then an application of them is made to the complex life of today. The endeavor is made to give the student the Christian point of view and to show him how it can be adapted to modern life.

131. The Teachings of the Apostles 3 semester hours.

M. W. F. 8:00. *Spring.* *Mr. Morro.*

Open to juniors and seniors only.

This course acquaints the student with the way in which the early Christians applied the teachings of Jesus to the life of their day and under the guidance of His ideals and spirit built up the Christian church and created Christian ideals.

134. The Use of the Bible in Religious Education (Same as Religious Education 134.) 3 semester hours.

M. W. F. 9:00. *Fall.* *Mr. Pickerill.*

Open to juniors and seniors.

A leadership course for non-ministerial students. A study of some of the major teachings of the Bible, their application to modern life, and the methods of making these teachings effective through religious education.

136. **Leadership in Religious Education** 3 semester hours.

M. F. 9:00 *Spring.* *Mr. Pickerill.*

The course is designed for non-ministerial students who are interested in qualifying for efficient leadership in the teaching program of the church. At least four units of the Standard Leadership Training Course will be awarded to those completing the course.

143. **Literature of the Old Testament** 3 semester hours.

T. T. S. 12:00 Fall. ***T. T. S. 12:00 Spring.*** ***Mr. Lockhart.***
Open to seniors only.

Brief survey of the kinds of literature in the Old Testament compared with other ancient literature. Close study of many Psalms, certain Minor Prophets and the Book of Job.

Note: Other courses in Bible are described in the section of the catalog devoted to the Brite College of the Bible. They are designed for those who major in Bible.

DEPARTMENT OF BIOLOGY AND GEOLOGY

Professors, W. M. Winton (Head of the Department), Gayle Scott.
Assistant Professors, Alexander, Moreman.
Instructor, Mrs. Winton.

Zoology

Requirements for a Major in Biology:

Major—30 semester hours in biology.

First Minor—18 semester hours in chemistry, geology or mathematics.

Second Minor—None required.

Prescribed—French or German as the foreign language, biology 36 and 141, geology 18, physics 11 or 27, mathematics 12 and 125. A major in biology is given with the B. S. degree only.

11. **General Biology** 6 semester hours.

Tu. 8:00, F. 10:00 and Laboratory T. or Th. 1:00 to 4:00.
This course is prerequisite to any other in biology.

The class is divided into twelve or more sections, based on the ability of the students in the different groups.

This is a general course dealing with life principles and illustrated by both plant and animal material. During the last few weeks of the year supervised field work is carried out on the local flora and fauna.

12. **General Biology**
a. ***Spring.*** *8:00 W. F. and 1:00 F.*
b. ***Fall.*** *8:00 W. F. and 1:00 F.*

The equivalent of Biol. 11, above, but laboratory work is substituted for the field work, because of the arrangement of the terms. Given yearly and every summer.

22a. **Physiology** 3 semester hours.
T. Th. S. 9:00. Lab. F. *Given yearly.*
Prerequisite: Biol. 11. *Mr. Knox and Dr. Sewell.*

22b. **Hygiene and Sanitation** 3 semester hours.
T. Th. S. 9:00. ***Given yearly.***
Prerequisite: Biol. 11. *Mr. Knox and Dr. Sewell.*
Required on a major in physical education.

27. **Comparative Anatomy** **6 semester hours.**
T. 11:00 and M. W. 1:00 to 4:00. ***Given yearly.***

32a. **Bacteriology** 3 semester hours.
b. **Protozoology** 3 semester hours.
W. F. 9:00 and F. 1:00 to 4:00. *Given yearly.*

34. **Invertebrate Zoology** 6 semester hours.
T. Th. 10:00 and M. 1:00 to 4:00. *Given in '32-'33 and alternate years.*

36. **General Physiology** 6 semester hours.
T. Th. 10:00 and M. 1:00 to 4:00. *Given in '33-'34 and alternate years.*

141. The Teaching of Elementary Biology **3 semester hours.**

Members of this class serve one day each week as extra demonstrators in biology 11 and share in the department conferences. Required of all majors in zoology.

Courses in the group below are for SENIOR students only, and when given by assignment will require fifty clock hours of laboratory and field work for each semester hour of credit.

50. **Assigned Problems in Biology**

151. **Histology** 3 semester hours.

Geology

Requirements for a Major in Geology:

Major—30 semester hours in geology.

First Minor—18 semester hours in zoology or chemistry.

Second Minor—None required.

Prescribed—Biology 11, chemistry 11, physics 11 or 27, mathematics 11 and 125 and French or German for the modern language. A major in geology is given with the B. S. degree only.

18. **General Geology** 6 semester hours.

W. F. 8:00 and M. or W. 1:00 to 4:00. *Given yearly.*
This is a prerequisite to any other course in geology.

An introductory course dealing briefly with the more important aspects of physical and historical geology. A cultural rather than a professional course.

29. **Paleontology** 6 semester hours.

T. Th. 11:00 and Th. 1:00 to 4:00. *Given yearly.*

30. **Field and Structural Geology** 6 semester hours.

M. W. F. 9:00. *Given in '33-'34 and alternate years.*

31a. **Mineralogy** 3 semester hours.

Not offered in 1932-'33.

31b. **Economics, Geology and Metallic Minerals** 3 semester hours.

11:00 T. Th. S. *Fall.*
This 31b credits without 31a.

35a. **Micropaleontology** 3 semester hours.

Not offered in 1932-'33.

b. **Economic Geology of Non-metallic Minerals** 3 semester hours.

11:00 T. Th. S. *Spring.*

Courses in the group below are for SENIOR students only, and when given by assignment will require fifty clock hours of laboratory and field work for each semester hour of credit.

52. **Assigned Problems in Geology** 6 semester hours.

56. **Advanced Physical Geology** 3 semester hours.

157. **Cretaceous Geology** 3 semester hours.

158. **General Stratigraphy** 3 semester hours.

159. **Pennsylvanian Geology** 3 semester hours.

DEPARTMENT OF BUSINESS ADMINISTRATION

Professor Ballard (Head of the Department).
Assistant Professor, Ashburn.
Instructors, Miss Williamson, Cowan.
Lecturer, Major Hawley.

Requirements for a Major in Business Administration leading to the B. B. A. Degree:

Major—Business Administration, 24 semester hours. Required, commerce 22.

First Minor—Economics, 18 semester hours. Required, economics 21 and 135.

Second Minor—Government, 12 semester hours. Required, government 12 and choice of 126 and 128 or 36.

22. **Accounting Theory and Practice** 6 semester hours.
M. W. F. 9:00 *Session.* *Mr. Ballard.*
Required of all Business Administration students. Prerequisite: Sophomore standing.
This course does not require a knowledge of bookkeeping. How to keep a set of books, prepare statements of profit and loss and balance sheets; the analyses of such statements; problems of partnerships, corporations, depreciation, etc. A discussion of both single and double entry is given.

127. **Business Organization and Management** 3 semester hours.
M. W. F. 11:00. *Fall.* *Miss Williamson.*
Prerequisite: Sophomore standing.
The object of this course is to acquaint the student with the development of the general principles of business organization and management. The place of business in society, the functions of the executive, personnel problems, finance, accounting control, produc-

tion, marketing, and office management, and external forces which influence business are considered.

128. **Business Correspondence and Letter Writing** 3 semester hours.

M. W. F. 11:00. Spring. Miss Williamson.
Prerequisite: English 11 and Sophomore standing.

Practice in the use of correct and forceful English in writing business letters, reports; special attention to sales letters, adjustments, collection letters, inquiries, orders, responses, follow-ups, introductions, applications, recommendations and routine business.

130. **Methods of Teaching Bookkeeping, Commercial Law, and Business Arithmetic.** 3 semester hours.

T. Th. S. 10:00. Fall. Miss Williamson.
Prerequisite: Junior standing and major or minor in Business Administration.

A detailed course in the methods and types of instruction of high school commercial subjects other than shorthand and typewriting. Practice teaching will be part of the work.

131. **Methods of Teaching Shorthand and Typewriting** 3 semester hours.

T. Th. S. 10:00. Spring. Miss Williamson.
Prerequisite: Same as 130. Also a knowledge of shorthand and typewriting.

Special instruction in the method of teaching Gregg shorthand. Readings, discussion, and practice teaching. This course and 130 include the two semester hours of methods required by the State Department of Education for a "Special Certificate" to teach commercial subjects. Only three semester hours will count as Education. (See Special Certificates—School of Education, page 201.)

31. **Advanced Accounting** 6 semester hours.

T. Th. S. 8:00. Session. Mr. Ballard.
Prerequisite: Commerce 22 and junior standing.

Covering profits, analyses of statements, advanced work in partnerships and corporations, agencies and branches, statements of affairs, realization and liquida-

tion statements, statement of application of funds, estate accounting, actuarial science, depreciation, good will, reserves, funds, consolidations, mergers, foreign exchange and insurance.

132. Principles of Marketing **3 semester hours.**

M. W. F. 9:00. *Fall.* *Mr. Ashburn.*

Prerequisite or concurrent: Economics 21 and junior standing.

This course is a survey of the field of marketing manufactured goods and agricultural products. The marketing functions, distribution of farm products, work of middle men, assembly of raw materials, activities of the wholesale middle men in the market, direct selling and the various forms of retailing are considered. The problems of physical distribution, finance and risk, standardization, and prices are considered.

188. Credits and Collections **3 semester hours.**

T. T. S. 9:00. *Fall.* *Mr. Ballard.*

Prerequisite or concurrent: Economics 21 and junior standing.

This is a consideration of the place of credit in the marketing structure. The economic basis of credit extension, the relation of credit to selling, methods of collecting and using credit information, credit bureaus, the use of trade acceptances, commercial paper, and collection letters are investigated. Attention is also given to foreign credit problems, domestic business failures, bankruptcy and insolvency practices, the credit adjustments produced by business cycles, and the credit problems of manufacturers, wholesalers and retailers.

184. Principles of Salesmanship **3 semester hours.**

Spring.

Not offered in 1932-'33.

Prerequisite or concurrent: Psychology 121 and junior standing.

This course is a consideration of the broad field of personal selling. The steps in a sale, the psychology of the selling process, knowledge of the goods and of the market, selling to wholesalers and to retailers, and selling in the export trade are some of the problems considered. Attention is then given to sales methods,

the relation of personal selling to advertising, sales management, the house policies, the selection, training, cooperation with and supervision of salesmen, and the various methods of compensating salesmen.

135. Advertising Principles 3 semester hours.

T. T. 11:00. *Fall.* *Mr. Cowan.*
Prerequisite: Junior standing. Required for major.
One hour Laboratory. Spring.

(No credit until both semesters' work is completed. For purposes of computing the number of hours carried, this course is counted as two hours in the fall and one hour in the spring.)

Fundamental principles of newspaper and magazine advertising. Lectures and class discussions are supplemented with laboratory work in the planning, writing and selling of advertising. Formal class work two hours each week during the fall semester, together with laboratory work. The laboratory projects are continued throughout the spring semester, the course being completed at the end of the year.

136. Income Tax Procedure **3 semester hours.**

T. Th. S. 8:00. *Fall.* *Miss Williamson.*
Open to all students of junior standing.

A review of the latest revenue act, discussing the tax on individuals, corporations; deductions allowed; computation of taxes, rates, earned income, exempt income, etc. Many actual business returns are prepared. Numerous problems.

137. Theory of Investments **3 semester hours.**

Not offered in 1932-'33. *Fall.* *Mr. Ashburn.*
Prerequisite or concurrent: Economics 21 and junior standing.

This is a study of the field of modern investments. The demand and supply of investment funds, the rate of returns, the element of risk, the fluctuations in security prices, and investment policies are considered. The numerous types of stocks and bonds in the investment market are analyzed, including government, public utility, industrial and real estate securities. Factors of safety in the investment of industrial and institutional funds are emphasized.

39. Business Law **6 semester hours.**

T. Th. S. 11:00. *Session.* *Mr. Ballard.*

Prerequisite: Junior standing.

A consideration of contracts, agency, partnerships, corporations, negotiable instruments, bankruptcy, sales, personal relations, bailments; Texas statutes affecting these subjects.

140. Seminar in Commerce **3 semester hours.**

T. Th. S. 9:00. *Spring.* *Mr. Ballard.*

A means by which students may do advanced work in the line of their specialty. A student desiring to specialize in some field is thus permitted to spend considerable time doing research work, making reports, preparing a thesis, thus covering some particular subject more fully. Enrollment limited to students who expect to receive the B. B. A. degree during the year.

41. Seminar in Accounting (C. P. A. Problems) **6 semester hours.**

T. Th. S. 10:00. *Session.* *Mr. Ballard.*

Prerequisite: Commerce 31.

A seminar course for students who intend to prepare for C. P. A. examinations. The work will consist entirely of solution of advanced problems, with the personal instruction of the head of the accounting department.

142. Principles of Finance **3 semester hours.**

Fall.

Not offered in 1932-'33.

Prerequisite or concurrent: Economics 21 and junior or senior standing. Credit will not be given for both commerce 142 and economics 140.

This course is a study of the field of business and corporation finance. The various methods of financing new business enterprises, underwriting stock and bond issues, and the promotion of corporations are considered. Methods of acquiring capital, long time and short time financing, working capital, the use of bank credit, mercantile credit and commercial paper are studied.

143. Cost Accounting Principles **3 semester hours.**

M. W. F. 8:00. *Fall.* *Mr. Ballard.*

Prerequisite or concurrent: Commerce 31.

Classification of costs, process cost accounting, specific order costs, use of cost records, interest on investment, relative values, estimating cost systems, establishment of standard costs, uniform methods, questions, problems and practical exercises.

144. Auditing Theory and Practice 3 semester hours.

M. W. F. 8:00. *Spring.* *Mr. Ballard.*

Prerequisite or concurrent: Commerce 31.

Preliminary arrangements, general procedure, the original records, asset accounts, liability accounts, operating accounts, the report, types of audits. Students are given every possible opportunity to do practical work and install systems.

145. Public Utilities 3 semester hours.

M. W. F. 9:00. *Spring.* *Mr. Ashburn and Major Hawley.*

Prerequisite: Junior or senior standing and economics 21.

A course discussing the origin and development of public utilities, franchises, capitalization, accounting methods, regulation, valuation, depreciation, rate-structures, financial stability, investment possibilities, public relations and current utility problems.

146. Insurance 3 semester hours.

Fall.

Not offered in 1932-'33.

Prerequisite: Senior standing.

A general course covering various phases of insurance such as life, casualty, property, tornado, etc., mutual and stock companies, types of policies, rates, and Texas laws on insurance. This course to be offered in co-operation with local insurance underwriters associations and the insurance department of the Fort Worth chamber of commerce.

147. Bank Administration and Bank Credit 3 semester hours.

Not offered in 1932-'33. *Spring.* *Mr. Ashburn.*

Prerequisite: Economics 21 and senior standing.

A study of the internal organization of a bank, credit ratios, function and operation of trust departments, relation of bank credit to price levels, accounting methods in banks, etc.

201. Shorthand

T. T. S. 9:00. Fall and Spring. Miss Williamson.
Open to all students.

A special course is given in Gregg shorthand for students desiring it. No University credit is given for the work and the course may be taken in addition to the regular University work. Dictation and practice. Fee $22.50 per semester.

202. Typewriting

M. W. F. 9:00. Fall and Spring. Miss Williamson.
Open to all students.

Touch typewriting for University students. No University credit is allowed for the course. It may be taken in addition to the regular University course. The typewriting room is open during the regular school hours to students registered in this course. Fee $15.00 per semester. Fee for use of typewriter per semester $5.00.

203. Penmanship

M. W. F. 1:00. Fall and Spring. Miss Williamson.
Open to all students.

A non-credit course for those who wish to improve their penmanship. New course each semester. No tuition.

DEPARTMENT OF CHEMISTRY

Professors Whitman (Head of the Department) and Hogan.
Fellows, Clardy and Oliver.

Requirements for a Major in Chemistry:

Major—30 semester hours in chemistry, regularly including 11, 25, 34, 45, 141, and 3 hours in another junior or senior course. A major in chemistry is given with the B. S. degree only.

First Minor—18 semester hours in biology, or geology, or mathematics, or physics.

Second Minor—None required for the B. S. degree.

Prescribed—Mathematics 12ab and 22ab, physics 27; and French or German, preferably the latter, as the foreign language.

Note—When chemistry is offered as a first minor it will include 21 or 25 and 34. Enrollment in any course except Chem. 11 is conditioned on a grade of C or better in the preceding course.

11. General Inorganic Chemistry 8 semester hours.

Lectures M. W. F. 11:00. *Mr. Whitman.*
Laboratory M. or W. 1:30-4:30.
Prerequisite to all courses in the department.

An introduction to the study of the fundamental principles of the science of chemistry through a comparative study of a limited number of elements and their compounds. The object of this course is to afford a thorough foundation for the principles of chemistry, to develop the power and habits of accurate observation and clear scientific thinking, to stimulate and develop an appreciation of the laws of nature, and to point out some of the practical applications of chemistry to the problems of life.

Recitations, demonstrations, illustrative problems and laboratory exercises.

The laboratory work in the spring semester will be devoted to the study of qualitative analysis.

21 Quantitative Analysis and Elementary Physical Chemistry 6 semester hours.

a. Quantitative Analysis

Lecture M. 9:00.
Laboratory T. and Th. 1:30-4:30.

Training in the methods and technique of quantitative chemistry, both gravimetric and volumetric, together with the theories involved.

b. Elementary Physical Chemistry

Lectures M. and W. 9:00. *Mr. Whitman.*
Laboratory T. or Th. 1:30-5:30.

An elementary study of the more important physico-chemical laws as applied to solutions, with special reference to the requirements of pre-medical students and home economics majors.

25. Quantitative Analysis 6 semester hours.

Lecture F. 9:00. *Mr. Hogan.*
Laboratory M. and Th. 1:30-4:30.

Theory and practice of gravimetric and volumetric analysis. Some time will also be devoted to the advanced theory of qualitative analysis.
For chemistry majors, but others may enter by special permission from the instructor.

121. **Qualitative Analysis** 1 semester hour.
Lecture W. 9:00. *Spring.* ***Mr. Whitman.***
Laboratory M. or W.

Consists of the laboratory work of the second semester of Chem. 11, and is open to those students only who have not had qualitative analysis as a part of their freshman chemistry.

34. **Organic Chemistry.** 8 semester hours.
Lectures T. Th. S. 11:00. ***Mr. Hogan***
Laboratory W. 1:30-5:30.
Prerequisite: Chemistry 21a, 21b or 25.

A study of the fundamental types of the organic compounds, their nomenclature, classification, reactions and applications.

141. **Teaching of Elementary Chemistry** 3 semester hours.
Mr. Whitman.
Open to juniors and seniors only.

Members of this class must serve one day per week as extra demonstrators in chemistry 11. Under certain conditions this course may be counted for credit in the Department of Education.

45. **Physical Chemistry** 8 semester hours
T. Th. S. 8:00. ***Mr. Whitman.***
Laboratory F. 1:30-4:30.
Prerequisites: Chemistry 21 or 25, and Physics 27.

A theoretical study and explanation of a number of the more important physical phenomena as applied to the field of chemistry. Some of the newer theories and recent developments in chemistry will be discussed. A knowledge of elementary calculus is desirable.

The following courses are open only to SENIOR and GRADUATE students. See the graduate section of the catalog for other courses open only to GRADUATE students.

51ab. **Qualitative Organic Analysis and Organic Synthesis** 6 semester hours.

Hours to be arranged. *Staff.*
Prerequisite: Chemistry 34.

One conference and two laboratory periods per week. An elementary course in qualitative organic analysis, intended to introduce the student to the methods employed in the identification of organic compounds; in the second semester, organic synthesis and technique. Some of the more important syntheses will be studied.

52ab. **Quantitative Organic Analysis and Advanced Organic Synthesis** 6 semester hours.

Hours to be arranged. *Staff.*
Prerequisite: Chemistry 34.

One conference and two laboratory periods per week. Organic combustions and the determination of formulas, followed by advanced organic syntheses.

53. **Special Problems in Chemistry**

Credit and hours to be arranged. ***Staff.***

This course will consist of special work, such as the determination of the formulas of organic compounds, special analytical problems, etc. Fifty hours of actual laboratory work will be the equivalent of one semester hour's credit.

154. **Colloid Chemistry** 3 semester hours.

Hours to be arranged. *Mr. Whitman.*
Prerequisite: Chemistry 45.

An introduction to the properties of colloidal systems, with chemical, industrial and medical applications.

DEPARTMENT OF ECONOMICS

Professor Elliott (Head of the Department).
Assistant Professor, Ashburn.
Graduate Scholars, Coulter and Wright.

Requirements for a Major in Economics:

***Major*—24 semester hours in economics, including economics 21, and beyond social science 12.**

First Minor—18 semester hours in commerce, government, history, psychology or sociology.

Second Minor—12 semester hours in another of these subjects or French or German.

Prescribed—Sociology 24 or social science 12.

Recommended—Bible 134 as three of the 9 hours required Bible. French or German as the foreign language for students wishing to pursue graduate study later.

For an outline of the courses for the *Citizenship Group* in social sciences see page 69.

12. **Social Science**

This is an orientation course in the freshman year designed to lay the foundations for all the social sciences. Those who are interested in economics should choose this in the freshman year. It is described in detail under the department of government.

21. **General Economics** — 6 semester hours.

T. T. S. 9:00. — *Session.* — *Mr. Elliott and Staff.*

Not open to freshmen.

The course is a prerequisite to all other economic courses.

An introductory course to acquaint the student with the fundamental principles which underly economic relations and activities. The object will be to guide the student into clear and accurate thinking on the leading characteristics of the present economic system, and to open the field for advanced study. Lecture and discussion.

130. **Public Finance** — 3 semester hours.

T. Th. S. 10:00. — *Fall.* — *Mr. Ashburn.*

Credit will not be given for both Economics 130 and Commerce 142.

A study of public expenditure, financial administration, taxation and public debts (domestic and foreign), together with a consideration of the incidence of the various types of taxation and the critical analysis of the systems that exist in the country.

131. **European Economic History and Development** — 3 semester hours.

M. W. F. 8:00. — *Fall.* — *Mr. Elliott and Staff.*

Prerequisite: Economics 21.

Foundations of our modern economic life as they were laid through the changes in the economic organization

of Europe brought about by the crusades, the geographic discoveries, the inventions, and the rise of the money economy. Special emphasis upon the growth and development of Continental European commerce and industry.

132. **Trust Problems** 3 semester hours.
T. T. S. 9:00. *Fall.* *Mr. Ashburn.*
Prerequisite: Economics 21.

A study of the trust problems in the United States. Consideration of the early devices employed to restrain competition; the history and character of the modern trust movements; discussion of representative trusts; reasons for the formation of trusts; trust legislation.

133. **International Trade and Related Problems** 3 semester hours.
Spring. *Mr. Elliott.*
Offered in Summer 1932.
Prerequisite: Economics 21.

This course considers international trade and trade policies with special reference to the foreign markets of the United States. Special consideration is given to current trade tendencies.

134. **Money and Banking** 3 semester hours.
M. W. F. 11:00. *Fall.* *Mr. Ashburn.*
Prerequisite: Economics 21.

A general survey of the modern financial system, including the principles and history of money, monetary standards; the principle and function of banks and bank credit, commercial banks, investment banks, trust companies, the Federal Reserve System, and a brief study of the commercial banking system of other countries. Relation of business man and banker.

135. **Economic History and Development of the United States** 3 semester hours.
M. W. F. 8:00 *Spring.* *Mr. Elliott and Staff.*
Prerequisite: Economics 21.

Survey of national development from colonial times to the present in agriculture, industry, commerce, transportation, labor and finance. The economic interpretation of the major events in our history. Survey of

our resources and of the means for their conservation. Effects of world war on American economic institutions.

136. **Labor Problems** 3 semester hours.
M. W. F. 11:00. *Spring.* *Mr. Elliott.*
This course is open to juniors and seniors who have not had Economics 21. It may, by permission, be accredited as sociology.

An attempt to analyze the causes of industrial unrest and other labor problems, and to understand the reactions of various groups to these conditions. Special emphasis given to the American labor movement, its objects, tactics, and accomplishments.

137. **Modern Economic Reform** 3 semester hours.
M. W. F. 11:00. *Fall.* *Mr. Elliott.*
Prerequisite: Economics 21.

A critical analysis of the proposed major reforms of the existing economic organization of society, socialism, communism, anarchism, Guild socialism, Fabians, consumers cooperative efforts, and other radical proposals. Course begins with the rise of Capitalism and ends with an analysis of the present Russian experiment.

139. **Transportation** 3 semester hours.
T. T. S. 9:00 *Spring.* *Mr. Ashburn.*
Prerequisite: Economics 21.

The course deals with the various transportation facilities in the United States, the control of these agencies, and a comparative study of rates.

140. **Corporation Finance** 3 semester hours.
T. T. S. 10:00. *Spring.* *Mr. Ashburn.*
Prerequisite: Economics 21.

Development of corporate form of business; its advantages and disadvantages; legal position of the corporation; promotion; sources of capital; internal financial management; receivership and reorganization; stock classifications; rights of stockholders; trend in stock distribution.

141. Social Statistics (See Sociology 141) 3 semester hours.
Fall.
Not offered in 1932-'33.

142. Texas Industrial Problems 3 semester hours.
T. T. S. 8:00. *Spring.* *Mr. Ashburn.*
Open only to juniors and seniors who have had twelve hours in economics.

An intensive investigation of the natural resources, industries, and economic development of Texas; with a study of our current industrial problems, as relates to our agriculture, live stock, lumbering, petroleum, minerals, and related problems, including taxation and labor conditions.

147. The Economic Cycle 3 semester hours.
M. W. F. 9:00. *Fall.* *Mr. Elliott.*
Open to juniors and seniors only.
Prerequisite Economics 21.

Elements in modern economic organization which generate alternation of prosperity and depression; historical sketch of crises and depression; measurements and forecasting of general conditions; possibility of controlling cyclical movements; proper adjustments of business management to the cycle. Studies of current business situations and trends, with particular emphasis upon the combination movement as relates to control of cyclical changes.

The following courses are open only to SENIOR and GRADUATE students. See the graduate section of the catalog for other courses open only to GRADUATE students.

50. Agricultural Economic Principles and Problems 6 semester hours.
T. T. S. 10:00. *Session.* *Mr. Elliott.*

Economic problems of a commercialized agriculture; relation of agriculture to general welfare; problems of production, land utilization, farm management, agricultural relief and the development of cooperative marketing. Farm prices and standards of living. Relationship of industry and agriculture. Present trends and problems in Texas agriculture.

151. History of Economic Thought 3 semester hours.

Fall. *Mr. Elliott.*

Prerequisite: 12 semester hours in economics.
Not offered 1932-'33.

A study of the development of economic thinking from the time of the mercantilist, with special emphasis upon the important schools of economic thought.

152. Value and Distribution 3 semester hours.

Spring. *Mr. Elliott.*

Not offered 1932-'33.

Advanced study of the principles of demand and supply, including costs; of the functions of the different agents of production; of wages, interest, rent and profits; and of the means for promotion of welfare.

153. The Economics of Consumption 3 semester hours.

M. W. F. 9:00. *Spring.* *Mr. Elliott.*
For seniors and graduates who have had twelve hours in economics.

An explanation and interpretation of the demand side of value, cause and consequences of demand, a study of the psychology of consumption factors unconsciously affecting consumption, efforts at deliberate control of consumption and a study of the standards of living of past and present cultures, including a concrete study of the standards of living in Europe, Asia and the United States and Texas, and the efforts to improve them.

DEPARTMENT OF ENGLISH

Associate Professor Rebecca W. Smith, Chairman of the Department.
Professor Merrel D. Clubb.
Associate Professor Mabel Major.
Assistant Professors Lide Spragins, Artemisia Bryson.
Instructor Lorraine Sherley.
Fellow, Lloyd Douglas.

Requirements for Majors in English:

Major—English 11, 24, 50, and English electives to total 30 hours.

First Minor—18 semester hours in one of the following: a foreign language, history, philosophy, public speaking or sociology.

Second Minor—None required.

Prescribed—Philosophy 34, history 21, and French 21 or German 21.

Requirements for Minors in English:

Any student presenting English as a first minor will take English 11, 24, 139, and English electives to total 24 semester hours. Any student presenting English as a second minor will take 18 semester hours of English, including English 11 and 24.

Comprehensive Examination for English Majors:

All students whose major study is English must pass a general examination in composition and literature during the college year in which they graduate. Examinations will be held in February and April. Students who fail in February may repeat the examination in April; those who fail in April must defer graduation until the following year.

11. Rhetoric and Composition 6 semester hours.

Fall

a. M. W. F. 8:00, 3 sections.
M. W. F. 9:00 (invitation)
M. W. F. 11:00, 3 sections.
T. T. S. 9:00, 3 sections.
T. T. S. 12:00, 2 sections.
b. M. W. F. 9:00, 1 section.
T. T. S. 10:00, 1 section.

Spring.

a. M. W. F. 8:00, 1 section.
M. W. F. 11:00, 2 sections.
T. T. S. 9:00, 1 section.
T. T. S. 12:00, 1 section.
b. M. W. F. 8:00, 2 sections.
M. W. F. 9:00, 1 section.
M. W. F. 11:00, 2 sections.
T. T. S. 9:00, 2 sections.
T. T. S. 12:00, 1 section.

At each period at which English 11a is offered, one or more sections, known as "x" sections, will recite five times a week. Such students as need extra help will be assigned to these "x" sections.

24. English Prose and Poetry 6 semester hours.

The chief poets and prose writers of English literature. Prerequisite to all advanced courses in English.

Fall.

a. M. W. F. 8:00, 9:00, 11:00.
T. T. S. 8:00, 9:00, 10:00, 11:00.
b. T. T. S. 12:00.

Spring.

b. M. W. F. 8:00, 9:00, 11:00.
T. T. S. 8:00, 9:00, 10:00, 11.00.
a. T. T. S. 10.00.

182. Advanced Composition 3 semester hours.

Not offered 1932-'33.

The technique and practice of writing shorter forms of prose, especially the essay.

133. Recent Drama 3 semester hours.
T. T. S. 10:00. *Spring.* *Mr. Clubb.*

A brief survey of contemporary drama, Continental, English, and American.

35. Elizabethan Drama 6 semester hours.
T. T. S. 9:00. ***Session.*** ***Miss Major.***

A study of Elizabethan drama, with emphasis upon Shakespeare.

36. American Literature 6 semester hours.
M. W. F. 9:00. ***Session.*** ***Miss Smith.***

A survey course in tendencies and chief writers of American literature.

37. The Art of Poetry 6 semester hours.
Not offered 1932-'33.

An introduction to the theory of poetic beauty. Poetry will be studied in relation to the other fine arts. The theories discussed will be illustrated by readings in the masterpieces of world literature. One of the three weekly class meetings will be held in the evening and will be devoted to the reading of poetry and to the examination of reproductions of great pieces of music, painting, and sculpture.

a. Poetry and the Other Fine Arts

A study of general aesthetics. In poetry, the drama and the epic will be emphasized.

b. Lyric Poetry; the Aesthetics of Humor.

Versification will be studied with special reference to lyric forms. The composition of verse will be encouraged but not required. About a fourth of the semester will be given to the psychology and aesthetics of humorous literature.

138. Contemporary Poetry 3 semester hours.
M. W. F. 12:00. *Fall.* *Miss Smith.*

A study of English and American poetry since 1890.

139. English Grammar 3 semester hours.
T. T. S. 10:00. *Fall.* *Mr. Clubb.*

An intensive study of modern English inflection and syntax in their relation to punctuation and style.

Required of undergraduate first minors in English, and recommended for all who plan to enter professions in which the correct use of English is indispensable.

45. The Novel in English 6 semester hours.
Not offered in 1932-'33.

A study of the development of the English and American novel to 1900, with the reading of representative novels.

146. The Teaching of English in the Secondary Schools 3 semester hours.
T. T. S. 12:00. *Spring.* *Miss Major.*
Open to seniors only.

After a survey of the methods now used in presenting the different types of literature and composition in the high school class, lesson plans will be developed by the students. Under certain conditions this course may be counted in the Department of Education.

47a. Victorian Poetry 3 semester hours.
Not offered in 1932-'33.

An intensive study of Tennyson with an extensive reading of the minor Victorian poets.

47b. Browning 3 semester hours.
Not offered in 1932-'33.

An intensive study of Browning.

49. The English Romantic Movement 6 semester hours.
Not offered in 1932-'33.

This course traces the origin and development of the Romantic Movement in England. The emphasis of the course is upon Wordsworth, Coleridge, Byron, Shelley and Keats. Under certain conditions the student may, upon the advice of the instructor, take one-half of the course without the other.

The following courses are open only to SENIOR and GRADUATE students. See the graduate section of the catalog for other courses open only to GRADUATE students.

50. **The English Language** 6 semester hours.
(Formerly 41)
M. W. F. 8:00. *Session.* *Mr. Clubb.*

Required of undergraduate majors in English; and of graduate majors in English who have not had such a course.

A historical and linguistic study of the English language. A brief survey is made of the language of some of the older periods of English as a basis for a thorough understanding of the present language and grammar.

51. **English Drama** 6 semester hours.
Not offered in 1932-'33.

A survey of English drama, exclusive of Shakespeare, from the beginning to the close of the nineteenth century.

53a. **Milton** 3 semester hours.
Not offered in 1932-'33.

An intensive study of Milton's poetry, with some reading in his prose and in the poetry of other seventeenth century writers.

53b. **English Literature of the Eighteenth Century** 3 semester hours.
Not offered in 1932-'33.

Swift, Pope, and Johnson are the writers chiefly emphasized.

54a. **Chaucer** 3 semester hours.
T. T. S. 11:00. *Fall.* *Mr. Clubb.*

The works of Chaucer are studied as examples of medieval romantic and realistic narrative. The aim of the course is primarily humanistic appreciation of Chaucer, not linguistic training.

54b. **Spenser** 3 semester hours.
T. T. S. 11:00. *Spring.*

A study of Spenser's narrative, lyrical, and philosophical poems.

FRENCH

French is organized as a part of the Department of Modern Languages, but listed separately for convenience.

A student entering from high school with credits in a modern language will be placed in a college class on the basis of preliminary testing in class.

Professor Combs, Head of the Department of Modern Languages.
Associate Professor, Ascher.
Assistant Professor, Brockette.
Instructor, Bales.

Requirements for the Major and Minors in French:

Major—24 semester hours, exclusive of French 11.

First Minor—18 semester hours of Spanish, German or Latin.

Second Minor—12 semester hours of German, Latin, English or education, preferably English.

11. First Year 6 semester hours.

M. W. F. 8:00.
M. W. F. 11:00.
T. T. S. 12:00, 2 sections.

At each period one of the sections will recite five times a week at the same clock hour. Those students who need the extra class help will be assigned to the five-hour section.

The elements of grammar, with special emphasis on pronunciation, phonetics and simple conversation. Reading of a simple text.

21. Second Year 6 semester hours.

T. T. S. 10:00.
T. T. S. 12:00, 2 sections.

Review of grammar, composition; reading of a number of stories and plays in class and outside, and conversation.

31. The Nineteenth Century Novel 6 semester hours.

T. T. S. 9:00. *Session.* *Miss Bales.*
Prerequisite: 11 and 21, or their equivalents.

An introduction to the origins of the novel in France; a study of the movements in fiction from Romanticism to the twentieth century, including Hugo, Balzac, Du-

mas pere, Flaubert, Zola, Anatole France, and others.

132. **Advanced Composition and Conversation** 3 semester hours.
T. T. S. 10:00. *Fall.* *Mr. Combs.*
Prerequisite: 11 and 21, or their equivalents.

Recommended for students who expect to teach French.

133. **The Drama Since Romanticism** 3 semester hours.
Fall. *Mr. Combs.*
Offered in 1933-'34 and alternate years.
Prerequisite: 11 and 21, or their equivalents.

The various types of the drama through the nineteenth century since Romanticism, and origins of contemporary French drama.

136. **The Eighteenth Century** 3 semester hours.
T. T. S. 10:00. *Spring.* *Mr. Combs.*
Offered in 1932-'33 and alternate years.
Prerequisite: Two and one-half years of French.

A study of the various *genres* of this century, with special emphasis on Montesquieu, Voltaire, Rousseau and the Encyclopedists.

41. **Survey of French Literature** 6 semester hours.
M. W. F. 11:00. *Mr. Combs.*
Open to seniors.

A general survey of the history of French literature. The Middle Age, the Renaissance, Classicism, the eighteenth and nineteenth centuries, and contemporary literature. Required of all students majoring in French.

The following courses are open only to SENIORS and GRADUATE students.

150. **The Renaissance** 3 semester hours.
Offered in 1933-'34 and alternate years.
Prerequisite: Two years of French (11 excepted).

The origins of the Renaissance; Rabelais and Montaigne; the *Pleiade* and its theories.

151. **The Classic School** 3 semester hours.
Spring. ***Mr. Combs.***
Offered in 1933-'34 and alternate years.
Prerequisite: Two years of French (11 excepted).

(a) Formation of the classic tragedy: Corneille, and the influence of Descartes and Pascal.
(b) Racine, Moliere and the criticism of Boileau.

51. The Romantic Movement 6 semester hours.
Offered in 1933-'34 and alternate years. *Mr. Combs.*

The origins of the movement in France, and foreign influences; its immediate precursors, and subsequent triumph. Growth of the novel, drama and lyric poetry during this period. Rousseau, Saint-Pierre, Chateaubriand, de Stael, Lamartine, Hugo, Vigny, Musset, Dumas pere, and others.

53. The Chanson de Roland 6 semester hours.
Hours to be arranged. *Mr. Combs.*

A critical study of this early French epic, its structure, etc.

GERMAN

German is organized as a part of the Department of Modern Languages, but listed separately for convenience.

Professor Combs, Head of the Department of Modern Languages.
Associate Professor, Ascher.

Requirements for the Major and Minors in German:

Major—24 semester hours, exclusive of German 11.
First Minor—18 semester hours of French, Latin or Spanish.
Second Minor—12 semester hours of education, French or Latin.

11. First Year 6 semester hours.
T. T. S. 9:00. *Miss Ascher.*

The elements of grammar, with special stress on pronunciation, and easy conversation. Reading of a simple text or two.

21. Second Year 6 semester hours.
M. W. F. 9:00 *Miss Ascher.*

Review of grammar, composition. Reading of a number of stories and plays. A text or two in scientific German.

31. Survey of German Literature **6 semester hours.**
M. W. F. 12:00 *Miss Ascher*
Offered in 1932-'33 and alternate years, upon request.
Prerequisite: German 21, or its equivalent.
A survey of the history of German literature from the earliest times to the present. Reading of extracts required.

131. The Age of Goethe and Schiller **3 semester hours.**
Fall. *Miss Ascher.*
Offered in 1933-'34 and alternate years, upon request.
Prerequisite: 21 or its equivalent.

132. The Poetry of the Romantic Movement **3 semester hours.**
Spring. *Miss Ascher.*
Offered in 1933-'34 and alternate years, upon request.
Prerequisite: 21 or its equivalent.
German poetry between 1800 and 1850, including Tieck, Novalis, Arndt, Koerner, Uhland, Eichendorff, Heine and others.

DEPARTMENT OF GOVERNMENT

Professor Lord (Head of the Department).
Instructors, Mrs. Sherer, Mr. McDiarmid.
Graduate Scholars, Beal and Bullington.

Requirements for a Major in Government:

Major—24 semester hours in government beyond social science 12.

First Minor—18 semester hours in economics, or history, or sociology.

***Second Minor*—12 semester hours in another of these subjects.**

Required—6 semester hours of history.

***Urged*—French or German as the foreign language for students wishing to pursue graduate courses later.**

For an outline of the courses for the *Citizenship Group* in social sciences see page 69.

12. Introduction to Social Science (Orientation) 6 semester hours.

ab.—
M. W. F. 11:00 (2 sections). *Staff.*
T. T. S. 9:00. *Staff.*
T. T. S. 10:00 (3 sections).
T. T. S. 12:00. *Staff.*

12a.—
T. T. S. 11:00. *Spring.* *Staff.*

Required of all B. B. A. students. All other freshmen, except pre-medical and B. S. students, will take social science 12 or history 12.

a. **Foundations of Civilization** *Fall.*

The purpose of this course is to give the student a comprehensive organized view of the fundamental elements entering into the development of civilization. Primarily, the course will serve as an introduction to such specialized courses as the student may later pursue, especially in the field of social sciences.

b. **Principles and Problems of Government** *Spring.*

An introduction course dealing with the fundamental political, social and economic problems of government.

114. **Introduction to Constitutional Principles** 3 semester hours.

T. T. S. 9:00. *Fall.* *Mr. McDiarmid.*

This course will deal with the constitution of the United States and the constitution of Texas. It is designed to meet the need of those who wish to fulfill the state requirement for teachers' certificate at the close of the freshman year.

This course, with an additional half-year in government or history, will meet the social science requirement but is primarily for those who take education 11 concurrently.

120. **American Constitutional Government** 3 semester hours.

Fall.	*Spring.*	
T. T. S. 8:00.	*T. T. S. 8:00.*	*Mr. McDiarmid.*
T. T. S. 10:00	*T. T. S. 10:00.*	*Mr. McDiarmid.*

Prerequisite: Sophomore standing.

Students beyond the freshman year who wish to fulfill the state requirement for teachers' certificate will take this course.

A study of the constitution of the United States and the constitution of Texas. The foundation principles of constitutional government will be emphasized.

128. **Modern Government** 3 semester hours.
M. W. F. 11:00 (2 sections). Fall. Mr. Lord and Staff.
Open to sophomores and juniors.
Required of all pre-law students and government majors.

A study of American national, state, and local government.

126. **Modern Government** 3 semester hours.
M. W. F. 11:00 (2 sections). Spring. Mr. Lord and Staff.
Open to sophomores and juniors.
Required of all pre-law students and government majors.

A study of the organization and processes of government in England, France, Germany, Italy, Russia and Switzerland.

30. **American National Government and Administration** 6 semester hours.
Not offered in 1932-'33. Session.
Prerequisite: Government 126 and 128.

Formation of the national constitution, principles of the American system of government; constitutional developments since 1787; operation of the executive, legislative, and judicial branches of the government; organization and work of political parties; influence of economic and social groups on the national government.

31. **American State and Local Government** 6 semester hours.
Session.
Not offered in 1932-'33.
Prerequisite: Government 126 and 128.
Open to juniors and seniors only.

Relation of state and national governments; the state constitution; organization and work of the executive, legislative and judicial branches of state government; the electorate; state politics; movement for reorganization of state government; county government; forms of city government.

36. **Introduction to Law**
M. W. F. 9:00. Session. Mr. Lord.
Open to juniors and seniors only.
Required of all pre-law students.

The course considers the origin and development of law, kinds of law, and the means of its development. The latter part of the course is devoted to a study of Texas constitutional law.

133. **American Political Parties** 3 semester hours.
T. T. S. 9:00. *Fall.* *Mr. Lord.*
Prerequisite: Government 128 and 126 or the equivalent.
Open to juniors and seniors only.

The course covers the origin, function, organization, and methods of political parties, legal control of parties, party leadership, party problems, and the relation of the political party to public opinion.

134. **American Citizenship Problems** 3 semester hours.
T. T. S. 9:00. *Spring.* *Mr. Lord.*
Prerequisite: 12 semester hours of government or the equivalent.
Open to juniors and seniors only.

The study of selected political problems in American citizenship. In addition to other topics, the course considers federal aid to the states, relation of the government to public utilities, phases of social legislation, and the basic principles of American international relations.

The following courses are open only to SENIORS and GRADUATE students. See graduate section of the catalog for other courses open only to GRADUATE students.

50. **American Constitutional Law** 6 semester hours.
T. T. S. 11:00 *Session.* *Mr. Lord.*
Prerequisite: 12 semester hours of government.
An intensive study of American constitutional law. Legal cases are assigned and reports required.

151. **International Law** 3 semester hours.
M. W. F. 8:00. *Fall.* *Mr. Lord.*
Prerequisite: 12 semester hours of government or the equivalent.

The foundation principles and problems of international law. Extensive study of legal cases.

152. **International Government** 3 semester hours.
M. W. F. 8:00. *Spring.* *Mr. Lord.*
Prerequisite: 12 semester hours of government or the equivalent.

A study of international organization and administration. Special attention is given to The League of Nations, the Permanent Court of International Justice, and special problems of international administration.

153. **European Political Theory** 3 semester hours.
Not offered in 1932-'33. *Fall.* *Mr. Lord.*

The leading aspects of European political theory from Plato to the end of the Middle Ages.

154. **Modern European Political Theory** 3 semester hours.
Not offered in 1932-'33. *Spring.* *Mr. Lord.*

Political theory in Europe from the 15th century to the present. The development of certain doctrines in the 16th and 17th centuries will receive special attention.

155. **American Political Thought** 3 semester hours.
Offered Summer of 1933.

A survey course in American political thought from the colonial period to the present.

DEPARTMENT OF GREEK

Professor Morro (Head of the Department).

22. **Elementary New Testament Greek** 6 semester hours.
T. T. S. 9:00. *Session.*
Offered in 1932-'33 and alternate years.

Three ends are sought: (1) a working vocabulary of the language; (2) a knowledge of its grammatical principles; (3) an ability to use this vocabulary and apply these principles, whether for a literary or an exegetical purpose.

36. **New Testament Greek** 6 semester hours.
T. Th. S. 8:00. *Session.* *Mr. Morro.*

For full description see Brite College of the Bible section of this catalog.

51. **Greek Exegesis** 6 semester hours.
Session. *Mr. Morro.*
Offered in 1933-'34 and alternate years.
Open to seniors and graduates only.

For full description see Brite College of the Bible section of this catalog.

52. **Classical Greek** 6 semester hours.

Session.

Offered as required.
Open to seniors and graduates only.

Readings in selected authors, including Xenophon, Homer, Plato, etc.

DEPARTMENT OF HISTORY

Professor Roberts (Head of the Department).
Associate Professors, Hammond and Welty.
*Instructor, True.**

Requirements for a Major in History:

Major—24 semester hours beyond history 12. The major must include six semester hours in any American history course (25, or 32, or 46, or 47, or 53), and six semester hours in English or other European history (exclusive of history 12).

First Minor—18 semester hours in government, or economics, or sociology, or philosophy, or English.

Second Minor—12 semester hours in another of the above subjects, or a modern language, or education.

Prescribed—Government, six semester hours.

Note 1: Minor—A student presenting history as a first minor must include six semester hours of any American history and six semester hours of English or other European history.

Comprehensive Examination—Students who major in history will be required to pass a comprehensive examination in history. All such students should take history 150 and history 140 that they may become familiar with the important matters of world history. A special class will be organized for those who can not take history 150 and history 140.

*On leave of absence.

12. **History of Civilization** 6 semester hours.
(Orientation Course) For Freshmen

12ab.—
M. W. F., 9:00 (2 sections). *Mr. Welty and Mr. Hammond.*
T. T. S., 10:00 (2 sections). *Mr. Welty and Mr. Hammond.*
12a.—
T. T. S. 9:00. *Spring.* *Staff.*

a. Development of civilization in the Old World. *Fall.*
Origin, growth, and spread of the elements of civilization by the peoples of Asia, Africa, and Europe.

b. Development of Civilization in the Americas *Spring.*
Civilization of the native races; geographical influences; European heritage; struggle for colonial supremacy; independence; political, social, economic, and religious expansion; slavery; division; reunion; American contributions to civilization; American ideals.

21. **England and Greater Britain** 6 semester hours.
M. W. F. 8:00. *Mr. Hammond.*
M. W. F. 11:00. *Mr. Welty.*
Open to sophomores.

a. From the Beginning of English History to 1715 A. D. *Fall.*
Pre-Roman Britain; Roman, Saxon, Danish and Norman conquests and their results; Magna Charta; House of Commons, Tudor Absolutism; Reformation; Puritan Revolution; and Bill of Rights.

b. Great Britain from 1715 to the Present *Spring.*
Struggles for mastery of the seas; colonial expansion; loss of American Colonies; struggles against Napoleon; political and social reforms; growth of democracy; World War and reconstruction; disarmament; problems of peace and commerce.

25. **History of the Americas** 6 semester hours.
M. W. F. 11:00. *Mr. Hammond.*
For sophomores.

a. Colonial America. *Fall.*
Emphasis is placed on European inheritance; colonization; influence of native civilizations and geographical environments; colonial policies, commerce, industry, and culture; and international rivalry.

b. The American Nations. *Spring.*

Wars of independence, development of the independent American nations, and their relations with each other and with the rest of the world.

129. Survey of the History of the United States 3 semester hours.

Not offered in summer 1932. *Mr. Welty.*
Open to sophomores and juniors only.

The causes, progress, and results of the leading movements in the history of the United States. Rapid survey of the institutions and policies of the country; immigration and the forming of an American race and American ideals.

32. History of the United States 6 semester hours.

T. T. S. 11:00. *Fall.* *Mr. Welty.*
For juniors. Sophomores by special permission.

a. Colonial Period and Formation of the Union, 1492 to 1850.

Old world background; colonization; independence; organization of the government; political controversy; growth in territory and population; social and industrial development; slavery controversies and compromises.

Spring.

b. Division, Reunion, World Power, 1850 to present.

Revival of slavery dispute; secession and war; foreign relations during the war; reconstruction; development of the West; big business and trusts; war with Spain; Panama Canal; World War and new problems.

139. Development of the British Empire 3 semester hours.

Summer 1932, 8:30 daily. *Mr. Hammond.*
For sophomores and juniors.

Colonial expansion; government of the Colonies; relation of England with the Colonies; establishing dominions and their relation with England; effect of the World War on the status of the dominions; forming the British Commonwealth of Nations.

42. **History of the Middle Ages, 395 to 1500 A. D.** 6 semester hours.

M. W. F. 9:00 *Mr. Roberts.*

Offered in 1932-'33, alternating with church history.

Open to juniors and seniors only.

a. Period of Conquest and Fusion, 395 to 1272. *Fall.*

Germanic invasions of the Roman Empire in the West; fusion of the peoples; the Church during this period; the Byzantine Empire; Saracen civilization; feudalism; Norman conquest; The crusades.

b. Period of Intellectual Awakening, 1272 to 1500. *Spring.*

Intellectual movements; revival of learning; universities; towns and trade; the Papacy, expansion of Christian Europe; the rise of modern nations.

46. **History of Our Southern Borderlands** 6 semester hours.

T. T. S. 9:00. *Mr. Hammond.*

For juniors and seniors. Should be preceded by one year of United States History.

a. History of Mexico. *Fall.*

Survey of political and economic development of Mexico. A study of Mexican national problems, and relations with the states of North and South America.

b. History of Texas and the Southwest. *Spring.*

Exploration and settlement of that part of the United States formerly claimed by Spain; contacts of Spanish and Anglo-American civilizations; special emphasis on the settlement, growth and development of Texas.

47. **History of Our Northern Borderlands** 6 semester hours.

Not offered in 1932-'33.

For juniors and seniors. Should be preceded by one year of United States History.

a. History of Canada. *Fall.*

Old World background; exploration, settlement, and growth; conflict for ownership between Great Britain and France; change in colonial system; organization of the Dominion Government; growth of the West; material progress; part in the World War; reconstruction; National status.

b. Relations of the United States and Canada *Spring.*

Anglo-French colonial relations; Canada and the American Revolution; United Empire Loyalists; the War of 1812; Critical incidents; Boundary disputes; the Fisheries Controversy; Commercial intercourse; Immigration and emigration; World War relations; Present-day problems.

140. **Teaching of History in Secondary Schools** 3 semester hours.

M. W. F. 8:00. *Spring.* *Mr. Roberts.*

May count as Education 40b.

Should be preceded by two years of college history and one year of education.

Methods of teaching history in secondary schools; making courses of study; comparison of texts; uses of sources and readings; placing emphasis; needed equipment; characteristics and qualifications of a history teacher; value of the study of history; observation and reports.

The following courses are open to SENIOR and GRADUATE students only See graduate section for courses open only to GRADUATE students.

150. **The Organization and Writing of History** 3 semester hours.

M. W. F. 8:00. *Fall.* *Mr. Roberts.*

For seniors and graduates majoring in history.

This course is to enable students who major in history to make up deficiencies and to organize their historical information; to give training in methods of writing history, in testing source material, and in bibliography; to become acquainted with important historical works and their authors.

51. **History of the Far East** 6 semester hours.

T. T. S. 9:00 *Mr. Roberts.*

a. Period of Little Contact with the West. *Fall.*

A study of the peoples of the Far East from their earliest times to the middle of the nineteenth century; the development of the civilizations of China, India,

and Japan, and their contributions to the civilization of the West.

b. Period of Greater Contact with the West. *Spring.*
History of the nations of the Far East from the middle of the nineteenth century to the present, the effect of their contact with the West, and emphasis upon their international relations.

151. **Brief History of the Far East** 3 semester hours.
Not offered in summer 1932. *Mr. Roberts.*
Brief history; characteristics of the civilizations of the East; European aggression and rivalry for trade and territory; modernizing the peoples; world problems that have arisen; and present situation.

52. **World History Seminar**
M. W. 10:00. *Mr. Roberts.*
For seniors and graduates who major in history.
The purpose of this course is to enable students to supplement and organize their knowledge of history and to prepare for the comprehensive examination in history.

53. **Latin American History** 6 semester hours.
T. T. S. 8:00. *Mr. Roberts.*

a. Colonial and National Periods. *Fall.*
Origin and characteristics of the Spanish and Portuguese people; native races of Latin America; exploration, conquest, settlement, and development of the Hispanic-American Colonies; wars for independence; forming the Latin American nations.

Spring.

b. Relations of the United States and Latin America.
Diplomatic, economic, and cultural relations; Monroe Doctrine; Panama Canal; Pan-Americanism; intervention; relations of the Latin American countries with each other, and with European countries.

55. **Modern European History** 6 semester hours.

a. Revolutionary Period in Europe.
Not offered in summer 1932.
Critical study of the conditions, events and results of the French Revolution and the Napoleanic period.

b. Europe Since 1870.
Summer 1932, 9:30 daily. *Mr. Welty.*

A study of the political, economic, and social development of Europe, 1870 to present, with special attention to the background of the World War and its aftermath.

156. **History of the Foreign Relations of the United States** 3 semester hours.
Not offered summer 1932. *Mr. Welty.*

A critical study of the foreign relations of the United States from 1776 to the present. Reports and papers on special topics.

57. **History of the Near East** 6 semester hours.
T. T. S. 9:00. *Mr. Roberts.*
Offered in 1933-'34, alternating with history 51.
Fall.

a. Early History of the Near East, 5000 B. C. to 1250 A. D.
A study of the history of southwestern Asia, northeastern Africa, and southeastern Europe from the beginning to the coming of the Ottoman Turks, 1250 A. D., with special emphasis upon the beginning and growth of civilization.
Spring.

b. Rise and Decline of the Ottoman Turks, 1250 A. D. to the Present.
History of the growth and power of the Ottoman Empire for more than four centuries, and of its decline during the next two, with special attention to the causes.

157. **Brief History of the Near East.** 3 semester hours.
Not offered summer 1932. *Mr. Roberts.*

History of the Ancient Orient and the Saracen Empire; the rise and decline of the Ottoman Empire; the present conditions in the Near East.

DEPARTMENT OF HOME ECONOMICS

Instructor, Miss Bonnie M. Enlow.
Student Assistant, ————————

Requirements for a B. S. in Home Economics:

Major—Foods, 24 semester hours not including 112.
Minor—Clothing, 18 semester hours not including 111.
Second Minor—Chemistry, 15 semester hours, including 11, 21a and 34.
Prescribed—Biology 11, 22 and 32a and see the list of required subjects under Requirements for graduation for B. S. in home economics.
A Special Certificate to Teach Home Economics will be issued by the State Department of Education to the student who has completed 60 semester hours of college work, which shall include semester hours specified as follows: English 6; Education 6; Government 120; Home Economics 138, 3; Foods 6; Clothing 6.

112 **Foods—Introductory Course in Foods.** 3 semester hours.

M. W. F. 11:00 to 1:00. Fall.
Lecture one hour. Laboratory four hours a week.
Laboratory fee $15.00.

Required by all home economic students who do not present entrance credit in foods.

This course is planned for students beginning the study of foods. It is based on the fundamental principles of cookery, food composition and classification.

14. **Foods: Food Composition and Principles of Cookery**

T. Th. S. 8:00 to 10:00. Session.
1 hour lecture, 4 hours laboratory per week.
Laboratory fee $15.00 per semester.

This course includes a study of food combinations in relation to the different meals with consideration for the care, cost and intelligent use. An application is made of the principles of cookery to the more complicated processes of food preparation. An advanced study is made of protein carbohydrates, fats, and minerals.

120. **Foods** (Formerly 136) 3 semester hours.
Hours to be arranged. Fall or Spring.
Lecture one hour, laboratory 4 hours a week.
Prerequisites: Foods 112 or one unit in high school.
Laboratory fee $15.00.

A course in table service, designed to meet the need of those who do not study foods as a science, but wish to learn to prepare esthetic meals.

22. **Foods: Meal Preparation and Table Service** 6 semester hours.
T. T. S. 10:00 to 12:00. Session.
Lecture one hour, laboratory 4 hours a week.
Prerequisite: Foods 14.
Laboratory fee $15.00 per semester.

Meal service is used as a basis for this course. Emphasis is placed on the planning and serving for home service. Service for special occasions are also considered. Meals are planned to meet the body needs as well as proper food combinations. The students' duties alternate so that each one gets the practice of cooking, serving as maid, and presiding as hostess, affording ample opportunity for developing a working knowledge of table service.

34. **Foods: Dietetics.** 6 semester hours.
T. T. S. 1:30 to 3:30. Session.
Lecture one hour, laboratory 4 hours a week.
Prerequisite: Foods 22, Chemistry 11, Biology 23.
Laboratory fee $15.00 per semester.

A study of fuel value of foods, together with the fat, carbohydrates, and protein content and their digestion and absorption in the body. Nutritive requirements of normal individuals and families are worked out with a special study of infant feeding and proper food for the growing child. The second semester deals with detailed study of dietaries for normal and pathological conditions, with an advanced study of food values and the chemistry of human nutrition, hygiene and physiology.

144. **Foods: Experimental Cookery** 3 semester hours.
Hours to be arranged. Fall.
Laboratory 6 hours a week.
Prerequisites: Foods 22, Chemistry 34 or parallel.
Laboratory fee $15.00 per semester.

The aim of this course is to develop independence of thought and procedure in cookery by experimental method.

146. **Foods: Nutrition** 3 semester hours.

Hours to be arranged. Spring.
Lecture two hours, laboratory two hours a week.
Prerequisite: Foods 34, Chemistry 34, or parallel.
Laboratory fee $15.00.

This is an advanced course designed especially for food majors that intend to be dietitians or teach foods. An application is made to human nutrition from the students' acquired knowledge of bacteriology, chemistry, physiology, and dietetics.

111. **Clothing: Introductory Study of Clothing** 3 semester hours.

T. T. S. 11:00 to 1:00. Spring.
Lecture one hour per week, laboratory 4 hours per week.
Laboratory fee $10.00.

Required by all home economics students who do not present entrance credit in clothing. Planned for students beginning the study of clothing.

This course includes a study of the fundamental principles of clothing study and construction. The use, alteration and adaption of commercial patterns with applications made to undergarments and simple wash dresses.

The principles of design, line, color and mass as applied to woman's dress. Includes the designing of costumes for various types and occasions.

13. **Clothing—Pattern Drafting and Garment Construction** 6 semester hours.

M. W. F. 8:00 to 10:00. Session.
Lecture one hour, laboratory five hours a week.
Prerequisites: Clothing 111 or one high school unit in clothing.
Laboratory fee, $10.00 per semester.

This course includes the preparation of a dress form, drafting patterns, making various patterns from a master pattern, and developing skill in construction by making cotton and linen garments. Practice in draping and fitting is obtained by the use of the dress form.

121. Textiles 3 semester hours

Hours to be arranged. Fall or Spring.
Lecture 1 hour, laboratory 4 hours a week.
Prerequisite: Chemistry 11.
Laboratory fee $10.00.

A study of the textile fibers and the manufacture of textile materials; cloth structure; coloring and finishing; testing materials for adulteration; identification of a large number of textile fabrics with their use. Cost and characteristics are some of the work included in this course.

23. Clothing—Advanced Clothing Construction and Pattern Making 6 semester hours.

M. W. F. 11:00 to 1:00. Session.
Lecture one hour, laboratory five hours a week.
Prerequisite: Clothing 13.
Laboratory fee, $10.00 per semester.

The purpose of this course is to give a knowledge of the economic phase of clothing and to develop technique through the construction of woolen and silk garments. Making of patterns by draping, study of budgets, selection and buying of clothing, and field trips are included in this course.

126. Millinery 3 semester hours.

Hours to be arranged. Fall or Spring.
Laboratory 4 hours, lecture 1 hour a week.
Prerequisites: Design 133, Clothing 13.
Laboratory fee $5.00.

Practical and artistic principles of millinery are studied, also designing, pattern making, and renovation of old hats. Bows, flowers and other trimmings suitable for the seasons are considered. One child's hat, cap or bonnet is made.

133. Design 3 semester hours.

Hours to be arranged. Fall.
Prerequisite: Clothing 11.
Laboratory fee $5.00.

This is a brief course in the study of art elements and their principles.

Art 34. Interior Decoration 6 semester hours.

T. T. S. 8:00. *Session.*
Prerequisite: Design 133 for students counting this toward a B. S. degree in Home Economics.
See Art Department for description.

135 Costume Design 3 semester hours.

Hours to be arranged. *Spring.*
Prerequisite: Design 133.
Laboratory fee $5.00.

137. Advanced Clothing Design and Construction 3 semester hours.

Hours to be arranged. *Fall or Spring.*
Prerequisites: Clothing 23, Costume Design 135.
Laboratory fee $10.00.

The principles of design are applied to garment construction. This course aims to develop the creative power in designing costumes and to carry out the plan by actual construction. Problems will be determined after consultation with students. Suits, coats, afternoon and evening gowns, and evening wraps will be considered.

138. Education: Special Methods — Teaching Home Economics in Secondary Schools. 3 semester hours.

Hours to be arranged. *Spring.*
Lecture 3 hours a week.
Prerequisites: Junior standing and six semester hours each in foods, clothing and education.

Required for a teacher's certificate in Home Economics. The course includes a study of equipment and arrangement of laboratories for foods and clothing; the making of lesson plans and courses of study; different methods of presentation and observation work done in classes of public schools.

DEPARTMENT OF JOURNALISM

Professor Ridings (Head of the Department).
Assistant Professor, Cowan.

Requirements for a Major in Journalism:

Major—30 semester hours in Journalism.

First Minor—18 semester hours in English, economics, government, history, or sociology.

Second Minor—12 semester hours in another of these subjects.

Prescribed—Economics 21 or sociology 24.

Note.—A knowledge of the use of the typewriter is essential in all journalistic work, and is required. The student need not be an expert, but sufficient skill is necessary for the typing of all written work.

23. News Writing and Editing 6 semester hours.

M. W. F. 8:00. Session. Mr. Cowan.
Prerequisite: English 11. Required for major.

The fundamentals of news writing and editing. Practical exercises in writing and editing copy. Particular attention is given to news values.

130. Writing for Print 3 semester hours.

M. W. F. 9:00 Spring. Mr. Cowan.
Prerequisite: Junior standing.

A course for non-majors in journalism who wish to gain a knowledge of the fundamentals of news presentation. Prospective teachers, preachers, social service workers and others will find this course suited to their needs. Journalism majors not admitted to the course; may be elected by juniors and seniors in all other departments.

131. Newspaper Management 3 semester hours.

T. T. S. 8:00. Fall. Mr. Ridings.
Prerequisite: Junior standing.

A study of the business side of the newspaper.

33. Reporting and Copy Reading 6 semester hours.

12:00 T. Session. Mr. Ridings, Mr. Cowan.
***Other** Hours Arranged.*
Prerequisite: Journalism 23. Required for Major.

Practical work in reporting and copy reading. The class is organized as a newspaper reportorial staff, with the instructor as the editor in charge. One hour daily is devoted to reporting work, two hours each week to copy reading, and one hour each week to a class conference. Reporting and copy reading hours must be arranged by consultation with the instructor. The class conference is held each Tuesday at 12 o'clock.

135. **Advertising Principles** 3 semester hours.

T. T. 11:00. *Fall.* *Mr. Cowan.*

Prerequisite: Junior standing. Required for major.

One Hour Laboratory. *Spring.*

(No credit until both semesters' work is completed. For purposes of computing the number of hours carried, this course is counted as two hours in the Fall and one hour in the Spring.)

Fundamental principles of newspaper and magazine advertising.

Lectures and class discussions are supplemented with laboratory work in the planning, writing and selling of advertising. Formal class work two hours each week during the fall semester, together with laboratory work. The laboratory projects are continued throughout the spring semester, the course being completed at the end of the year.

136. **History and Principles of Journalism** 3 semester hours.

T. T. S. 11:00. *Spring.* *Mr. Cowan.*

Prerequisite: Junior standing. Required for major.

A study of the development of the American newspaper since 1850. A consideration of the history of journalism with reference to existing conditions and the light it throws upon the theory and practice of journalism. The course is open as an elective to juniors and seniors in all departments.

138. **Comparative Journalism** 3 semester hours.

T. T. S. 8:00. *Spring.* *Mr. Ridings.*

Prerequisite: Junior standing.

A comparative study of the journalism of the world.

40. **The Editorial and Law of the Press** 6 semester hours.

T. T. S. 9:00. *Session.* *Mr. Ridings.*

Prerequisite: Senior standing.

The writing of editorials and discussion of editorial problems. Readings in current opinion. Study of libel, privacy, copyright and privilege.

142. **Feature Writing** 3 semester hours.

M. W. 11:00. *Fall.* *Mr. Ridings.*

Prerequisite: Journalism 33.

One Hour Laboratory. *Spring.*

(No credit until both semesters' work is completed. For purposes of computing the number of hours carried, this course is counted as two hours in the Fall and one hour in the Spring.)

Principles and practice in the field of newspaper feature articles. Some attention to the preparation of feature articles for sale. The writing assignments are carried over into the spring term.

143. **Review Writing** 3 semester hours.
M. W. F. 11:00. *Spring.* *Mr. Ridings.*
Prerequisite: Senior standing.

A study of the requirements of the present-day newspaper in respect to literary and dramatic review. Includes a study of the best literary and dramatic departments in United States newspapers and magazines, together with practical work in writing reviews for publication. Considerable range of reading is required.

144. **Newspaper Problems** 3 semester hours.
Research Course. *Spring or Fall.* *Staff.*
Prerequisite: Senior standing and consent of the head of the department.

An intensive study of some problem in the journalistic field in which the student is most interested. An extensive written report on the study is required.

LATIN.

Professor Combs, Head of the Department.
Instructor, Mrs. Ellis.

10. **Early Reading Course** 6 semester hours.
M. W. F. 12:00. *Mrs. Ellis.*
Prerequisite: Two units of high school Latin.

A reading course, with selections from Cicero's Orations and Ovid's Metamorphoses twice a week. Grammar and composition once a week. This is followed in the spring by Vergil's *Aeneid*, Books I-VI, Latin versification, Greek and Latin mythology and some practice in composition.

20. **A Survey of Latin Prose Literature** 6 semester hours.
T. T. S. 10:00. *Mrs. Ellis.*
Prerequisite: 10 or its equivalent.

A survey of Latin prose literature, including extracts from the greatest prose writers.

30. Pliny and the Roman Poets **6 semester hours.**

Mrs. Ellis.

Offered 1933-'34 and alternate years.
Prerequisite: 20 or its equivalent.

Fall: Pliny's Letters; a survey of the history of Latin literature.
Spring: The poems of Catullus, Horace, and other poets.

131. Terence and Apuleius. **3 semester hours.**

Fall. *Mrs. Ellis.*

Offered in 1933-'34 and alternate years.
Prerequisite: 20 or its equivalent.

One of the comedies of Terence, and some of the stories of Apuleius.

132. Advanced Composition **3 semester hours.**

Spring. *Mrs. Ellis.*

Offered in 1933-'34 and alternate years.
Prerequisite: 20 or its equivalent.

Recommended for students who expect to teach Latin.

LIBRARY SCIENCE

Library 120. **Elementary Library Science** 3 semester hours.

T. T. S. 8:00. *Fall.* *Mr. Curry.*

Open to sophomores; freshmen admitted only by special permission.

Covers briefly the various methods involved in library work. Based on *Guide to the Use of Libraries*, by Hutchins, Johnson and Williams, supplemented by lectures, additional assigned reading, and practice work in University library.

DEPARTMENT OF MODERN LANGUAGES

Professor Combs (Head of the Department).

(See French, German, Spanish.)

DEPARTMENT OF MATHEMATICS

Professor Sherer (Head of the Department).
Associate Professor, Tucker.
Instructors, Miss Shelburne and————

Requirements for a Major in Mathematics:

Major—A. B. degree 24 semester hours. B. S. degree 30 semester hours. Courses 125, 127, 117, 129, 130 are not included. At least 12 semester hours must be of junior or higher rank.

First Minor—18 semester hours in chemistry or physics.

The department may recommend others.

Second Minor—For the A. B. degree 12 semester hours in physics or chemistry, or philosophy, or a modern language (preferably French or German), or education. For B. S. degree no second minor is required.

Prescribed—With mathematics as a major with the A. B. degree, physics 27, and for students preparing to teach, mathematics 130. Any substitutes must be approved by the department. For the B. S. degree see requirements.

The amount of mathematics required for any degree will be found stated under the "Requirements for Graduation."

Those who wish college mathematics should register for mathematics 12ab or 13ab in their freshman year. This is especially true of those who choose mathematics or a science for a major, or mathematics for a first minor, since either is a prerequisite for all other mathematic courses. Those students who need extra class help will be assigned to a five-hour section, meeting at the same clock hour.

12ab. **Freshman Mathematics** 6 semester hours.

M. W. F. 8:00—Two sections.

T. T. S. 10:00.

M. W. F. 12:00—12b Fall.

T. T. S. 12:00—12a Spring.

Prerequisite: Plane geometry 1 unit, algebra 2 units. No high school trigonometry.

The standard college algebra and trigonometry, followed by a brief presentation of the elementary concepts of analytical geometry and calculus.

13ab. Freshman Mathematics 6 semester hours.

M. W. F. 11:00—Two sections.

Prerequisite: Plane geometry 1 unit, algebra 2 units, high school trigonometry ½ unit. All presenting high school trigonometry, who wish to take mathematics, must take this course instead of mathematics 12ab, unless given consent by the head of the department.

The content of the course is similar to mathematics 12ab except that less time is given to the elementary principles of algebra and trigonometry.

117. Theory of Investments 3 semester hours.

M. W. F. 12:00. *Spring.* *Miss Shelburne.*

Prerequisite: Mathematics 12a and taking 12b.

Mathematical treatment of interest, annuities, amortization, valuation of bonds, etc. This course is adapted to the needs of the students majoring in business administration and is required of those who present 9 hours of mathematics in lieu of a foreign language.

22ab. Calculus. 6 semester hours.

T. T. S. 8:00. *Mr. Sherer.*

Prerequisite: Mathematics 12ab.

Required of all those majoring in mathematics, physics or chemistry.

The course includes the fundamental theory of the differential and integral calculus and its application to the natural sciences. Sufficient analytical geometry is given to enable the student to understand the calculus.

125. Graphics 3 semester hours.

T. T. S. 9:00. *Fall.* *Mr. Tucker.*

Prerequisite: Mathematics 12ab.

Required of all pre-medical students.

This course deals with the making and interpretation of charts and graphs, the discovery of scientific laws, both from observed data and by the plotting of graphs on Cartesian, semi-logarithmic and logarithmic paper, use of slide rule, and use of certain tables. It is adapted for B. S. students.

129. Descriptive Astronomy 3 semester hours.

Hours to be arranged. Spring.

Prerequisite: 6 semester hours of Mathematics with B average or by permission.

A descriptive course dealing in particular with the planets, comets, nebulae, and the place of the earth in the universe.

130. The Teaching of Secondary Mathematics. 3 semester hours.

M. W. F. 9:00. Spring. Miss Shelburne.

Given in 1932-'33 and alternate years.

Prerequisite: 12 semester hours of mathematics.

This course is intended for those who expect to teach in the high school. Observations will be made in the schools of Fort Worth. A paper on some phase of the subject will be required.

131. Analytical Geometry 3 semester hours.

M. W. F. 9:00. Fall. Miss Shelburne.

Prerequisite: Mathematics 22ab or by permission.

A detailed study of the conic sections, the general equation of second degree, locus problems, etc. Also an introduction to solid analytical geometry.

132. Advanced Algebra and Determinants 3 semester hours.

M. W. F. 9:00. Spring. Mr. Sherer.

Prerequisite: Mathematics 22ab or by permission.

Advanced theory of ordinary algebra and the general theory of determinants. This will be very useful to those who wish to teach mathematics.

140. Advanced Calculus 3 semester hours.

Hours to be arranged. Fall. Mr. Sherer.

Prerequisite: Mathematics 22ab and senior rank.

A detailed study of integral calculus and its application in the physical sciences.

141. Advanced Calculus. 3 semester hours.

Hours to be arranged. Spring. Mr. Sherer.

Prerequisite: Mathematics 140.

A continuation of mathematics 140 including a study of elementary differential equations.

144. **Infinite Series** 3 semester hours.
Offered if sufficient demand. Spring.

146. **Theory of Equations** 3 semester hours.
Spring.
Offered if sufficient demand.
Open to seniors only.

151. **Elliptic Integrals** 3 semester hours.
Hours to be arranged. Fall.
Not offered in 1932-'33.

152. **Differential Equations** 3 semester hours.
Not offered in 1932-"33. Fall.

153. **Differential Equations** 3 semester hours.
Not offered in 1932-'33. Spring.

157. **Higher Algebra** 3 semester hours.
Not offered in 1932-'33.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

Professor E. W. McDiarmid, Head of the Department.
Dean L. L. Leftwich.
Instructors, Mrs. Tucker, Margaret Trippet.

Prescribed for the B. S. degree, psychology 121; for all other Bachelor degrees, except B. M.; psychology 121 and three hours additional to be chosen from 124, 128, 132, 135, 136 or from philosophy 122 or 123.

Requirements for a Major in Philosophy:

Major—24 semester hours in philosophy, including 6 in psychology.

First Minor—18 semester hours in psychology, English or history.

Second Minor—12 semester hours in a modern language, education, history, or sociology.

Requirements for a Major in Psychology:

Major—24 semester hours in psychology, including 6 in philosophy.

First Minor—18 semester hours in biology, philosophy, religious education, or sociology.

Second Minor—12 semester hours in another of these subjects or education, English, modern languages or sociology.

PHILOSOPHY

122. Logic 3 semester hours.

T. T. S. 10:00. *Fall.* *Mr. McDiarmid.*

An elementary study of deductive and inductive reasoning.

123. Ethics 3 semester hours.

Fall.	*Spring.*	
M. W. F. 11:00.		*Mrs. Tucker.*
	T. T. S. 8:00.	*Mrs. Tucker.*
T. T. S. 9:00.	*T. T. S. 9:00.*	*Mr. McDiarmid.*
T. T. S. 10:00.	*T. T. S. 11:00.*	*Mrs. Tucker.*

A study of the development of morality in the life of the race by means of essays, discussions, lectures and readings. Three main problems are reviewed: (1) the history of ideals of conduct; (2) the criteria and forms of morality according to the classic systems; (3) the application of acceptable standards to present day problems.

125. Introduction to Philosophy 3 semester hours.

T. T. S. 11:00. *Fall.* *Mr. McDiarmid.*

A study of the problems of philosophy, with the various solutions proposed. The aim is to train the student in philosophical investigation and to encourage vigorous thinking.

139. Philosophy of Religion 3 semester hours.

T. T. S. 11:00. *Spring.* *Mr. McDiarmid.*

Prerequisite: Junior standing.

A survey of the fundamental ideas and concepts of religion in the light of modern philosophical and scientific thought. The course attempts to weigh the claims of religion and to measure the values thereof.

34. History of Philosophy 6 semester hours.

M. W. F. 11:00. *Session.* *Mr. McDiarmid.*

This course presents the fundamental aspects of philosophical thought from Thales down to the present. Representative selection from its chief philosophers are read and discussed. These readings are supplemented by lectures and class assignments for more general reading. A survey course in the history of thought.

50. Advanced Philosophical Studies 6 semester hours.
M. W. F. 2:00. *Session.* *Mr. McDiarmid.*
Prerequisite: Philosophy 3 semester hours.
Open to seniors and graduates only.

Extended selections from the writings of Plato and Aristotle (first semester). Kant and German philosophy (second semester).

51. Seminar in Contemporary Philosophy
Not offered in 1932-'33.

A study of American philosophy from its earliest appearances to be followed by a more detailed study of Royce, James, and Dewey. The philosophy of Bergson will also be reviewed.

PSYCHOLOGY.

121. General Psychology 3 semester hours.

Fall.	*Spring.*
M. W. F. 8:00, 2 sections.	*M. W. F. 8:00.*
M. W. F. 9:00.	*M. W. F. 9:00.*
T. T. S. 8:00.	*M. W. F. 11:00.*
T. T. S. 11:00.	

124. Experimental Psychology 3 semester hours.
T. T. 1:00 to 4:00. *Spring.* *Miss Trippet.*
Prerequisite: Psychology 121.
Laboratory fee $5.00.

This is designed for those who have completed 121 and have found an interest in the experimental phase of the subject. It is recommended to students who plan to major or minor in psychology, or to major in biology.

128. Applied Psychology. 3 semester hours.
M. W. F. 8:00. *Spring.* *Dean Leftwich.*
Prerequisite: Psychology 121.

Deals with the applications of psychology to education, medicine, industry, advertising and salesmanship, and their mental laws. A further orientation course following 121.

132. Advanced Psychology 3 semester hours.
T. T. S. 10:00. *Spring.* *Miss Trippet.*
Prerequisite: Psychology 121.

A more detailed study of the senses and the intellectual activities. Recommended for majors and minors in psychology.

135. Social Psychology 3 semester hours.

M. W. F. 9:00. *Fall.* *Mrs. Tucker.*
***Prerequisite:** Psychology 121.*

A study of social groups and the psychological principles underlying their maintenance.

136. Psychology of the Abnormal 3 semester hours.

M. W. F. 9:00. *Spring.* *Miss Trippet.*
***Prerequisite:** Psychology 121.*
No credit for this course to students who have had sociology 132.

A critical survey of the more important facts of mental derangement. Of practical value to students intending to enter any of the many types of social work.

137. Mental Hygiene 3 semester hours.

T. T. S. 11:00. *Fall.* *Miss Trippet.*
Prerequisite: Psychology 121, and junior standing, and consent of instructor.

A study of the causes, methods of treatment and cure of mental disturbances of children and adults. Intense study of mental disturbances common among college students.

139. Personnel Psychology 3 semester hours.

T. T. S. 10:00. *Fall.* *Mr. Leftwich.*
Prerequisite: Psychology 121, junior standing and consent of instructor.
Offered in 1932-'33 and alternate years.

A study of the psychological principles involved in college personnel work. Research into techniques of social control as applied to higher education.

140. Practice Teaching in Psychology 3 semester hours.

Session.
Not offered in 1932-'33.

Seniors or juniors with excellent records may elect to assist in teaching the elementary course, especially the experimental. Regular meetings with the head of the department one hour a week, approximately two hours of instruction and supplementary readings.

141. History of Psychology 3 semester hours.

T. T. S. 10:00. *Spring.* *Mrs. Tucker.*

Open to juniors and seniors.

A brief survey of psychology from Plato to the present time. Special attention given to the antecedents of modern schools.

143. Technique of Mental Testing 3 semester hours.

Hours to be arranged. *Spring.* *Mr. R. A. Smith.*

Practice in giving, scoring and statistically treating mental tests of several types. About half the semester is laboratory work. Especially recommended for majors in psychology.

152. Psychology of Religion 3 semester hours.

T. T. S. 9:00. *Fall.* *Mr. Pickerell.*

Open to seniors and graduates only.

See department of Religious Education in the Brite College of the Bible section.

DEPARTMENT OF PHYSICAL EDUCATION

Director, L. C. Wright.

Instructors, Knox, Meyer, Schmidt, Wolf and Mrs. Murphy.

The care and training of the physical life of the students is organized along four distinct lines:

1. *Physical Education Theory Courses* which credit toward teachers certificates and degrees, designed to prepare professional teachers and directors of physical education. These courses are described under the head of the School of Education, where full information may be found.

2. *Intercollegiate Athletics* is maintained under the direction of the faculty committee and as a member of the Southwest Athletic Conference as described on page 37. The educational value of the training received through the coaching is emphasized. Students who are members of athletic squads are credited with physical education for the semester.

3. *Intramural Athletics* gives expression to the co-ordination learned in the classes and to the spirit of play. A relatively small number possess the skill which places them on varsity teams, but the class teams furnish the

athletic competition according to the ability of the players and in the sports of their choice. Participation is entirely voluntary.

4. *Required Physical Education* is designed to keep the students in good health, teach them permanent habits of health and exercise and develop self control and team work through play. The proper control and coordination of the body and the ability to work and play with others are here developed as an essential feature of character education. Competent directors, one for men and one for women, are provided in addition to the coaching staff for athletics, so that the physical welfare of every student may receive the fullest attention and not be subordinated to the intensive coaching of the few who are on athletic teams. It is this fourth division with which this section of the catalogue deals.

Requirements in Physical Education:

Physical education is required of every freshman and sophomore; it is optional with juniors and seniors; but two years' credit in physical education will be required for graduation, in any case.

Each freshman and sophomore student is enrolled for a regular class in physical education, reporting three hours a week, as for any other class. Membership on an athletic squad serves as a regular course for the semester.

For each semester in which the physical education requirement is failed or omitted, one semester hour of college credit will be subtracted from the permanent record of the student, as a penalty, but in any case two years will be required for graduation. (In practice, each 15 semester hours, as earned, will be considered a semester.) In effect, this will add to the 120 s. h. required for graduation, and these added hours will be considered in calculating the grade points.

Day students carrying only one or two subjects are not required to enroll for physical education.

Exemption from taking physical education may be granted in rare cases by the Dean or Registrar on grounds of age, or ill health; in the latter case the Medical Director must approve. Usually, however, the student who wishes to be excused on account of health is especially in need of the

corrective exercises. Such students will be assigned first to the corrective class.

A physical examination, required for every entering student during matriculation, is conducted by the Medical Director without extra fee.

All these regulations apply to men as well as women.

REQUIRED PHYSICAL EDUCATION FOR MEN

Walter S. Knox, (Head of the Department).
Assistants, Raymond Wolf, Leo Meyers.
Student Assistant, Roland Balch.

A. First Year Physical Education.

All Freshmen unable to show proficiency in swimming are required to take swimming for one semester and should register for one of the swimming classes below.

Team Sports: Tag football, speedball, basket ball, track, baseball and swimming will constitute the activity program for first year classes.

M. W. F. 11:00, Team Sports Gym Team Sports.
M. W. F. 2:00, Elementary Swimming, Fall.
T. T. S. 9:00, Elementary Swimming, Fall; Team Sports, Spring.
T. T. S. 10:00, Team Sports, Session.

B. Second Year Physical Education.

All sophomores may select the activity in which they are most interested from the courses listed below.

M. W. F. 9:00, Tumbling, Apparatus, Fall; Volleyball, Tennis, Spring.
M. W. F. 12:00, Tennis, Volleyball, Fall; Volleyball, Golf, Spring.
M. W. F. 2:00, Advanced Swimming and Life Saving, Spring.
T. T. S. 9:00, Boxing, Handball, Session.
T. T. S. 11:00, Team Sports, Session.

Instruction and training will be given in all activities used in the class program.

Grades in physical education will be based upon attitude, knowledge and skill tests in the sports taught.

C. A modified program of activities will be provided for all who are not able to take the regular class work. Hours will be arranged.

D. Physical Education.

T. Th. S. 2:00. *Session.*

Special section for physical education majors, gymnastics, swimming, life saving, etc.

E. Intramural Athletics.

The purpose of this branch of the physical education department is to encourage the men of the student body to participate in organized athletic sports and in wholesome, active recreation. A wide variety of sports is offered.

One semester's credit is given in physical education for 160 "participation points" in intramural athletics. Full information in regard to the intramural program is given in the Handbook of Intramural Activities.

REQUIRED PHYSICAL EDUCATION FOR WOMEN

Mrs. Helen Murphy (Head of the Department).
Student Assistants, Philo Mae Murphree and ————

At least one year of the required two years must be taken in sports. They include Fall, Winter and Spring sports and may be taken either the first year or in the second. The other year may be chosen from the following list of courses.

Sports

Beginners.....*M. W. F. 11:00.*
Advanced.....*M. W. F. 2:00.*
Beginners.....*T. T. S. 11:00.*

Swimming

Beginners.....*M. W. F. 9:00.*
Advanced.....*M. W. F. 11:00.*
Beginners.....*T. T. S. 10:00.*

Natural Physical Ed.

Beginners.....*T. T. S. 9:00.*

DEPARTMENT OF PHYSICS

Associate Professor, Gaines (Head of the Department).
Student Assistants, Wm. Fellows, Reeder Shugart, Theron Raines, O. B. Jackson.

Requirements for a Major in Physics:

Major—30 semester hours in physics.

First Minor—18 semester hours in mathematics or chemistry.

Second Minor—None required for a B. S. degree.

Prescribed—Mathematics twelve hours, chemistry 11, and German or French as the foreign language, German preferred. A major in physics is given with B. S. degree only.

11. General Elementary Physics — **6 semester hours.**

Lectures T. Th. 9:00. — *Laboratory T. or Th. 1:00-4:00.*

This course is designed for students who wish to understand the "amazing range of physical phenomena inter-

woven in their everyday life and the strikingly simple and orderly set of principles underlying it all, that thereby they may gain, to a certain extent, the scientific habit of thought." A large number of interesting and practical experiments will be performed.

27. **General Physics** 8 semester hours.
Lectures T. T. S. 10:00. Laboratory T, W. or Th. 1:00-4:00.
Prerequisite: Plane Trigonometry or Mathematics 12.
Mechanics, sound, heat, electricity, light, and modern physics. Freshmen who have credit for high school physics or for three and one-half or four years of high school mathematics may be admitted to this course upon individual approval by instructor.

31. **Electricity** 6 semester hours.
Not offered in 1932-'33.
Prerequisite: Physics 11 or 27.
This course is designed to give the student interested in scientific work a general knowledge of electrical measurements, storage batteries, electrical appliances, electromagnetic machinery, X-rays, and radio.

32. **Light, Photography and Sound** 6 semester hours.
Not offered in 1932-'33.
Prerequisite: Physics 11 or 27.
The theory of waves, the geometry of lenses, lens imperfections and their correction, dispersion, interference, diffraction, polarization of light, photography, free and forced vibrations, resonance, and the physical theory of music.

33. **Electrical Measurements** 6 semester hours.
Two laboratory periods each week, times to be arranged to suit the individual student.
Not offered in 1932-'33.
Prerequisites: Physics 27 and calculus, or physics 31 and calculus.
Advanced magnetic and electric measurements, using direct current and alternating current at both low and radio frequencies.

140. **The Teaching of Elementary Physics** 3 semester hours.
Throughout the session.
Prerequisite: Three physics courses, one of which may be taken concurrently.

Members of this class serve one day each week as extra demonstrators in physics 11 and share in departmental conferences and seminars.

41. **Mechanics, Heat and Kinetic Theory** 6 semester hours.
M. W. F. 11:00. *Mr. Gaines.*

DEPARTMENT OF PUBLIC SPEAKING

Professor Lewis D. Fallis (Head of the Department.)
Instructor, Miss Moore.

Requirements for a Major in Public Speaking:

Major—24 semester hours in public speaking, including courses 24, 34, 44, but not 11.

First Minor—24 semester hours in English.

Second Minor—12 semester hours in economics, education, government, history, psychology, or sociology.

Recommended: The following courses from the English department: 35, Elizabethan Drama; 37, The Art of Poetry. From the School of Fine Arts: 25, Art Appreciation.

As Elective—Those who wish only one course for practical public speaking may choose course 11. Those who wish a fuller foundation take 24.

The Teacher's Certificate Course

The state law provides that a student who has met the college entrance requirements and has completed 60 semester hours of college work shall be entitled to receive a special year's certificate to teach his special subject ("Expression" in this case), in any public school in Texas, provided the 60 semester hours shall include: In English, 6; in government 120, 3; in education, 6; in the special subject, 6, and in methods of teaching the special subject, 2; public speaking, 3 (public speaking 130). A fuller statement will be found under the School of Education in this catalog.

Private Lessons. Private lessons may be had by any one wishing them, and will be found to be necessary for advanced students, those preparing to teach, or wishing to make special time. They are introduced regularly as a part of the more advanced classes also.

COURSES

11. Practical Speaking **6 semester hours.**

T. Th. S. 11:00. *Session.* *Miss Moore.*

This is a course for beginners, who wish to master the practical elements of public speech for practical use in professional careers, or ordinary use in business. It is for those who can take only one course in the subject. Each student will attend class two hours a week, and will practice four hours a week, besides preparing some textbook work.

24. Fundamentals of Expression. **6 semester hours.**

Same as public speaking 23.

T. Th. S. 12:00. *Session.*

Prerequisite: Sophomore standing.

24a starts in Spring also.

Two class hours and one hour in small groups each week.

This course is a prerequisite to all listed below.

Those who have had some training in expression, or are making a specialty of it, may begin with this course. It is designed to lay broadly and deeply the foundations to the most thorough training in the art and science of public speech for those who expect to become artists or teachers.

Those who desire to make the best use of the time may take *private lessons in addition.*

125. Vocal and Pantomimic Training **3 semester hours.**

Prerequisite: Sophomore standing.

T. T. S. 10:00. *Fall.* *Miss Moore.*

The study of the principles of training as applied to tone and action. Exercises to establish the fundamental coordination of the mind, body and voice. The fundamental conditions for tone and action. Diction, the elemental sounds of the English language. The nature of vowels and consonants. Drill in pronunciation.

127. Dramatic Production: Principles of Play Production. **3 semester hours.**

T. T. S. 8:00. *Class and Laboratory.* *Fall.* *Miss Moore.*

128. Dramatic Production 3 semester hours.
Continuation of 127. Spring. Miss Moore.
T. T. S. 8:00.

This course gives the student an opportunity to cast and direct plays.

130. The Teaching of Public Speech 3 semester hours.
Offered in 1933-'34 and alternate years. Spring.
Prerequisite: Six semester hours credit in public speaking.

This course is required for a state certificate to teach public speech in the public schools.

131. The Literary and Vocal Interpretation of the Bible. 3 semester hours.
M. W. F. 11:00. Fall. Mr. Fallis.

132. Advanced Vocal Expression 3 semester hours.
M. W. F. 11:00 Spring. Mr. Fallis.
For ministerial students.
Offered in 1932-'33 and alternate years.

Bible reading, hymn reading and sermon delivery will be included.

One hour in class and another in groups.

34. Advanced Vocal Expression 6 semester hours.
M. W. F. 8:00. Miss Moore.
Two class hours and one hour in small groups each week.
Prerequisite: Public Speaking 24 with B grade.

Study of imagination and the principles of interpretation as applied to vocal expression.

This follows public speaking 24 for those who are specializing in expression.

135 Advanced Voice and Pantomime 3 semester hours.
T. T. S. 10:00. Spring. Miss Moore.
Prerequisite: Public Speaking 125.

44. Public Reading, Platform Art 6 semester hours.
T. T. S. 8:00. Mr. Fallis.
Two class hours and one-half hour private lesson each week.
Offered in 1933-'34 and alternate years.

This course is designed to give the most advanced type of work to those who wish to master thoroughly the art of expression.

Extra tuition: Those paying full literary tuition will pay $50.00 per semester extra for this course; those not carrying full literary will pay $62.50 per semester extra for this course.

47. **Dramatic Thinking and Interpretation: Shakespeare.** 6 semester hours.

T. T. S. 8:00. *Session.*
Offered in 1932-'33 and alternate years.

A number of Shakespeare's plays are studied as *dramatic* literature. The imagination and creative instincts of the student are stimulated to find their natural expression in the co-ordination of words, tones, and action in their relation of situation, dialogue and character.

150. **Private Lessons**

While the bulk of the work for beginners is best done in class and small groups, there is need for private lessons for those who have advanced, and especially those who are planning to teach, and those who wish special training for public reading or dramatic recital. Those who desire it, on permission of the teacher, may receive private lessons, two one-half hour lessons per week.

Tuition: Under the head professor, $100.00 per semester, or $6.00 per hour; under the assistant professor, $65.00 per semester, or $4.00 per hour. These prices are for those who are enrolled in some class in the University. Special students not enrolled for other classes will be charged at the rate of $8.00 per hour.

DEPARTMENT OF SOCIOLOGY AND SOCIAL SERVICE.

Professor, W. C. Smith (Head of the Department).

Requirements for a Major in Sociology:

Major—24 semester hours in sociology, beyond social science 12 (Orientation).

First Minor—18 semester hours in Bible, economics, government, history, psychology or religious education.

Second Minor—12 semester hours in another of these subjects, or education.

Recommended—6 semester hours in economics.

Urged—Majors in sociology should take French or German for the required foreign language. They should also take general biology for their required science.

Bible 134 is recommended as three of the required hours in Bible.

Attention is called to economics 136 and 137, philosophy 34, psychology 135 and 136. By permission of the head of the department credit to the amount of three semester hours toward a major may be allowed for any course selected from this group.

Students whose main interest lies in the field of social service may be permitted to select certain allied courses in other departments as part of their major work.

For an outline of the courses for the *Citizenship Group* in social sciences see page 69.

12. Social Science 6 semester hours.

This is an orientation course in the freshman year designed to lay the foundations for all the social sciences. Those who are interested in sociology should choose this in the freshman year. It is described in detail under the department of government.

24. General Sociology **6 semester hours.**

T. T. S. 11:00. *Session.* *Mr. Smith.*

Not open to freshmen.

This course is prerequisite to all other sociology and social service courses. The attention of seniors is called to course 143.

An introduction to the study of human behavior as expressed in social groups and institutions. This course is designed to give an introduction to the processes and problems of society and to systematize the reading, observation and thinking of the student.

131. Criminology and Penology **3 semester hours.**

Fall.

Prerequisite: Sociology 24 and junior or senior standing.
Not offered in 1932-'33.

A study of the extent, cost and cause of crime, theory and history of punishment, past and present treatment

of criminals, parole, the suspended and indeterminate sentence, juvenile delinquency, and juvenile court and probation, and prevention of crime.

132. **Social Problems** 3 semester hours.

Spring.

Not offered in 1932-'33.
Prerequisite: Sociology 24 or 143 and junior standing.
No credit granted for this course to students who have had psychology 136.

The course covers the principal forms and causes of social pathology. Some of the problems considered are dependency, physical and mental deficiency, degeneration, mental and social variation, social unrest, disorganization, demoralization and crime.

137. **The Family** 3 semester hours.

M. W. F. 11:00. *Fall* *Mr. Smith.*
Prerequisite: Sociology 24 or 143 and junior standing.

The study of the family as a fundamental social group; the natural history of the family; the relation of the family to industry, the school, the church, and the state; the effect of modern economic and social conditions on family life; family disorganization and programs of reconstruction; the function of the family in the personal development of its members; the future of the family.

141. **Social Statistics** 3 semester hours.

Open to juniors and seniors only.
Not offered in 1932-'33.

A course intended to acquaint the student with the statistical principles, and methods necessary for a scientific study of society. Special attention is given to the statistics of population, morbidity, morality and marriage. Problems are assigned for research and field work. By special arrangement, economic majors may work on problems in economics instead of sociology.

This course may count as economics on consent of that department.

143. **Principles of Sociology** 3 semester hours.
M. W. F. 9:00. *Fall.* *Mr. Smith.*
Open to juniors and seniors only.
Accepted as a prerequisite to all other courses in the department.
Credit will not be given for both sociology 24 and 143.
An evening section also may be arranged. See note below.

An introductory course for mature students and those who have not taken sociology 24. Deals with fundamental concepts of sociology; the local social world and social institutions; the processes and products of social interaction; the social conditioning of personality; social disorganization and reorganization; social movements and social control.

144. **Social Factors Conditioning Personality** 3 semester hours.
M. W. F. 9:00. *Spring.* *Mr. Smith.*
An evening section also may be arranged. See note below.
Prerequisite: Sociology 24 or 143 and junior standing.

An analysis of the social factors which condition personality; the process by which social attitudes develop out of social situations; group influences which determine vocational interests; the person's conception of his role in the group; personal disorganization and reorganization; problems of social adjustment and the factors which facilitate or hamper the person in his adjustments to group life. The emphasis is not upon biological factors or mental mechanisms, but upon the ways in which behavior is influenced by participation in group life.

145. **Introduction to Social Work.** 3 semester hours.
M. W. F. 11:00. *Spring.* *Mr. Smith.*
Open to juniors and seniors only.
Prerequisite: Sociology 24 and social problems (132) or the family (137). The course may be taken concurrently with either 132 or 137.

An historical survey of philanthropy and the rise of scientific social work. The principles, problems and technique of social work will be studied. Special lecturers, visits to clinics and social agencies and field work will be features of the course. Prospective religious workers, teachers, and social workers will find in it material and training calculated to meet their needs.

146. **Social Case Work** 3 semester hours.
Not offered in 1932-'33. Spring.
Open to juniors and seniors only.
Prerequisite: Same as Sociology 145.

A practical course describing case work as one of the principal techniques of social investigation. Students will engage in voluntary social case work.

148. **The Sociology of the Child** 3 semester hours.
Not offered in 1932-'33. Spring.
Open to juniors and seniors only.

This course is a study of various child problems, such as the "conduct" child, the truant, the homeless child, and the juvenile delinquent. It considers the effect on him of inter-action in such groups and institutions as the family, the foster home, the orphanage, the play group, the gang, the neighborhood, and the community. A study is made of the child's reaction to various agencies and institutions such as the nursery, the school, the clinic, organized recreation, commercialized recreation and amusement, and the court. It is intended to investigate the effect on his life-organization of the experiences through which the child passes.

The courses listed below are open only to SENIOR and GRADUATE students.

153. **The Community** 3 semester hours.
Spring. *Mr. Smith.*
An evening section may be arranged. See note below.

A study of the evolution, organization and problems of the community, both urban and rural. An analysis of the basic factors that condition the social life and social institutions of a community. The trend of urbanization and its effects on human behavior. The relation of the community to personality.

154. **Races and Nationalities in America** 3 semester hours.
M. W. F. 8:00. *Fall.* *Mr. Smith.*
An evening section also may be arranged. See note below.

Immigration to the United States, its sources and character; immigrant heritages; the processes of ad-

justment and assimilation; the problems of the children of immigrants; problems connected with the Negro and the Mexican.

155. **Anthropology** 3 semester hours.
M. W. F. 8:00. *Spring.* *Mr. Smith.*
An evening section also may be arranged. See note below.

Human origins and development; the classification of races; racial differences as seen in mental capacity, language, religion and social organization; problems involved in the study of race; the development of culture in relation to race and environment; the spread of culture and the processes of conflict, accommodation and assimilation of cultures; the problems arising out of missions and commercial contacts with peoples of different cultures.

157. **Educational Sociology** 3 semester hours.
Mr. W. C. Smith.
May be offered either semester. See note below.

A consideration of educational processes and problems from the standpoint of sociological theory.

Note: Evening sections of senior and graduate courses will be arranged according to demand. Courses 137, 143, or 154, fall; 144, 145, 153, or 155, spring; preferably Wednesday at 7:00 P. M. Course 157 may be offered either semester if there is sufficient demand.

SPANISH

Spanish is organized as a part of the Department of Modern Languages, but listed separately for convenience. A student entering from high school with credits in a modern language will be placed in a college class on the basis of testing in class.

Miss Carter will serve as chairman of the sections of Spanish 11 and 21.

Professor Combs, Head of the Department of Modern Languages.
Associate Professors, Ascher, and Carter.
Assistant Professor, Brockette.
Instructors, Clark, Ellis.

Requirements for the Major and Minors in Spanish:
Major—24 semester hours, exclusive of Spanish 11.
First Minor—18 semester hours of French, German, or Latin.

Second Minor—12 semester hours of French, Latin, *English or education.*

11. First Year 6 semester hours.

M. W. F. 8:00, 2 sections.
T. T. S. 9:00, 2 sections.
An evening section also may be arranged.
At each period one of the sections will recite five times a week at the same clock hour. Those students who need the extra class help will be assigned to the five-hour section.

The elements of grammar, with special emphasis on pronunciation and simple conversation. Reading of a simple text.

21. Second Year 6 semester hours.

M. W. F. 8:00.
M. W. F. 11:00, 2 sections.
T. T. S. 9:00.
T. T. S. 10:00.
T. T. S. 12:00.

Review of grammar, composition; reading of a number of stories and plays in class and outside, and conversation.

32. The Nineteenth Century Novel 6 semester hours.

M. W. F. 11:00. *Session.* *Miss Clark.*
Prerequisite: 21, or its equivalent.

The novel of the nineteenth century, including such novelists as Galdos, Valdes, Valera, Ibanez, Alarcon, Pereda, Bazan and others.

133. Advanced Conversation and Composition. 3 semester hours.

T. T. S. 10:00. *Fall.* ***Miss Carter.***
Prerequisite: Two years of Spanish.

134. The Teaching of Modern Languages (Formerly 142) 3 semester hours.

T. T. S. 10:00. *Spring.* *Miss Carter.*
Prerequisite: Two years of Spanish.

A pre-education course in methods of teaching Spanish. Observation and practice teaching required.

41. Survey of Spanish Literature 6 semester hours.
(Formerly 31)

T. T. S. 9:00. *Mrs. Brockette.*
Prerequisite: Two years of Spanish (11 excepted).
Required of all students majoring in Spanish.

A survey of the history of Spanish literature from the earliest times to the present. Reading of extracts. Recommended for students majoring in Spanish.

141. The Drama of the Golden Age. 3 semester hours.
Fall. *Mrs. Brockette.*
Offered in 1933-'34 and alternate years.
Prerequisite: Two years of Spanish (11 excepted).

A study of some of the dramas of De Vega, Zorilla, De Molina, De Castro, Ruiz de Alarcon and Calderon de la Barca.

143. The Romantic Movement. 3 semester hours.
Spring. *Mrs. Brockette.*
Offered in 1933-'34 and alternate years.
Prerequisite: Two years of Spanish (11 excepted).

Origins and development of the movement in prose, poetry, and the drama. A study of some of the works of De la Rosa, De Rivas, Larra, Gutierrez, Hartzenbusch, Espronceda and Zorrilla.

144. Spanish Civilization. 3 semester hours.
M. W. F. 9:00. *Fall.* *Miss Carter.*
Offered in 1932-'33 and alternate years.
Prerequisite: Two years of Spanish.

The course is offered to acquaint the student with the contributions of Spain to literature, art, thought, and culture in general. Most of the reading will be from Spanish texts.

145. The Picaresque Novel 3 semester hours.
M. W. F. 9:00 *Spring.* *Miss Carter.*
Offered in 1932-'33 and alternate years.
Prerequisite: Two years of Spanish (11 excepted).

A study of the origins (the *Celestina*, etc.), Pedro de Urdemalas, Lazarillo de Tormes, and others with extracts from these works.

The following courses are open only to SENIOR and GRADUATE students.

51. Modern Drama Since Romanticism — 6 semester hours.

Miss Ascher.

Offered in 1933-'34 and alternate years.

The nineteenth century, and some contemporary drama, Tamayo, Echegaray, De Ayala, Dicenta, Benavente, Marquina, Sierra, the Quinteros and others.

52. Modern Non-Dramatic Literature — 6 semester hours.

Miss Ascher.

Not offered in 1932-33.

Poetry, the essay, and contemporary fiction.

152. The Cid — 3 semester hours.

Fall. *Miss Ascher.*

Not offered in 1932-'33.

A study of the literature clustering around the Cid, including *el Poema del Mio Cid*, the Cid ballads, and de Castro's *Mocedades del Cid.*

153. Don Quixote — 3 semester hours.

Spring. *Miss Ascher.*

Not offered in 1932-'33.

A critical study of Cervantes and his masterpiece, *Don Quijote de la Mancha.*

BRITE COLLEGE
of the
BIBLE

BOARD OF TRUSTEES

(Term expires July 1 of year named.)

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FACULTY

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Dean and Professor of History of Religions and Missions.

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SAMUEL WARD HUTTON, A. B., B. D.
Assistant Professor in New Testament and Worship Ministries.

CLINTON LOCKHART, Ph. D., LL. D.
Professor of Old Testament.

WILLIAM C. MORRO, B. D., Ph. D.
Professor of New Testament.

H. LYNN PICKERILL, A. B., B. D.
Professor of Religious Education.

EMORY C. CAMERON, A. B., A. M.
Associate Professor of Old Testament.

LEWIS D. FALLIS, A. B., Graduate Curry School of Expression (Boston)
Professor of Public Speaking in the College of Arts and Sciences.

History of the Brite College of the Bible

Although the corporation was established in 1914, this College of the Bible was in process of life long before. The training of the ministry was one of the chief aims of the founders of Add-Ran University (the earlier name of Texas Christian University). A Bible chair was one of the most prominent in the college, but its work was undergraduate only.

This department was magnified in 1896 by the calling of J. B. Sweeney to the double task of teaching in the chair and raising funds to endow it. His classes, too, were undergraduate, but the plan looked toward a later, larger Bible College. The funds were not raised, however, and the attempt, after two years, was postponed.

With the coming of President E. V. Zollars in 1902, the training of the ministry was again magnified with a new influx of students, but the work was still a part of the Arts College.

In 1906 with the coming of Dr. Clinton Lockhart graduate classes began. The next year saw the addition of Professor Walter Stairs, and in 1909 also Dr. G. A. Lewellyn, each doing some graduate teaching. The degree of B. D. was conferred in 1907 on two students, and in 1909 on one.

Pursuing the early aims, and utilizing the excellent foundation laid by these good men, G. A. Lewellyn stirred the heart of Luke C. Brite, of Marfa, to donate a building and start an endowment for a college devoted to ministerial training. The plans for this were wrought out by President Frederick D. Kershner, and the college began operation in 1914. Besides the President, the faculty was Dr. Clinton Lockhart, Chalmers McPherson, and Colby D. Hall. The attendance has grown steadily. The M. A., majoring in Bible, was conferred on several, and B. D. on a few.

Since 1925 the number continuing for the B. D. and the M. R. E. courses has increased, and the work of a graduate or rather a "professional" school of theology is distinctly functioning with success. In 1931 the work was rearranged to make the distinction between the undergraduate course and the three years theological course more distinct.

Relation to the University

The Brite College of the Bible, the founding of which was made possible by the generosity of L. C. Brite in 1914, having charter, trustees and property separate from Texas Christian University, is a corporation legally distinct from the University corporation. It is located, however, on the campus of the University, provides for interchange of class work, and is one of the constituent colleges of the University.

The buildings and equipment of this College, as well as other items of general information, are described in the first part of this catalog, along with those of the University as a whole.

The Scope of this College

The definite task of the Brite College of the Bible is the training of men and women for full-time leadership in Christian service, as ministers, missionaries, directors of religious education and other special workers. Preparation for such leadership requires a thorough cultural education as represented by the Bachelor's degree, with the specialized professional training added.

Consequently, the principal work of the College consists of those courses beyond the B. A. degree, leading to the B. D. and M. R. E. degrees, usually thought of as "graduate" work, but more strictly professional.

It is these professional courses that are presented in this portion of the catalog.

But the administration and faculty of the Brite College of the Bible, bear the responsibility, also, of providing the classes and the guidance for these ministerial students during their undergraduate years in the University. All students in the University who are planning careers of religious leadership are classed as Brite College students and are under the supervision of this faculty, regardless of what particular classes they are taking.

The courses they take are listed, as undergraduate courses in the College of Arts and Sciences. A major in Bible is provided toward the B. A. degree, and a major in Religious Education toward the B. Ed. degree in the School of Education.

The same Brite College faculty members teach the undergraduate courses in the University, but these classes are listed as a part of the Add-Ran College of Arts and Sciences.

General Regulations

All regulations as to conduct, classification, grade, etc., of the University are in force in this college.

Standards Required of Students

Students in this college are expected to have such a voluntary interest, not only in Christian living, but in church activity, as is harmonious with the purposes of the institution. Failure to show such an interest, and disregard of admonition from the Faculty, will be sufficient ground for withdrawing the privileges of the college from any student at any time. Likewise, failure to show earnest application to work as evidenced by the class attendance, grades, chapel attendance, work in B. C. B. Association and such general duties, will also be sufficient grounds for withdrawing the privileges of the college, even though it may not involve suspension from the University.

The Undergraduate Preparation

The ministerial student must first take the Bachelor of Arts course. Its cultural foundation, with introduction to history, literature, psychology, and the basic courses in English Bible are essential to the successful mastery of the later graduate courses. The full preparation requires four years of undergraduate, leading to the A. B. or B. Ed., then the three years of professional work leading to the Bachelor of Divinity, or the Master of Religious Education. By the usual arrangement of allowing a year of overlapping, however, it is possible to complete both in six years.

The ministerial student may spend his full four years in the Liberal Arts College, majoring in any chosen department, then either the Bible College for the three year course, or he may take the standard pre-ministerial course described below, for three years, then enter upon the first year of the graduate Bible College curriculum, which is commonly known as the "Junior Year," in a Seminary course. By

following the standard course as outlined, the student will be a "Junior Seminary" and a "Senior Arts College" at the same time. The student preparing for religious education rather than preaching may choose some other language than Greek, include more religious education and vary in other items under the guidance of the teachers.

The Standard Pre-Ministerial Curriculum

Freshman	*Sem. Hrs.*	*Sophomore*	*Sem. Hrs.*
English 11	6	English 24	6
Biology 11	6	Religious education 21	6
History 12	6	Psychology 121	3
Bible 117, 119	6	Public speaking 24a	3
Social Science 12, or Math. 12, or 13, or Physics 11, or a foreign language	6	Sociology 24 or Eco. 21	6
		Greek 22 (or another foreign language)	6
	30		30

Junior.	*Sem. Hrs.*
Greek 36 (Rel. Ed. students, some other language)	6
Phil. 123 (or another Psych. to satisfy A. B. requirements)	3
Christian Ministry 133 (for Public Speaking)	3
Philosophy 34	6
Electives to be chosen from history, sociology, English, economics, Bible, or Religious Education	12
	30

Electives should be chosen in 30's and 40's and so as to conform to some major and minor grouping.

Ministerial students who do not major in Bible or follow this curriculum are required to take 12 s. h. in religious education.

Senior (or "Junior Seminary" Year)	*Sem. Hrs.*
New Testament 151, 153, or 152, 154	6
Old Testament 151, 152, 143	6
History 42	6
Electives from: Sociology 143, Rel. Ed. 51, 142; Phil. 139; Church History 155, 57	12
	30

The Graduate or Professional Curricula

After a student has completed the third year outlined above, or after receiving a Bachelor degree, he will be ranked as a "Junior Seminary" in the Brite College of the Bible. The courses numbered in the 50's are primarily for this year.

The next year he is known as a "Middler" and the courses numbered in the 60's are primarily for him. The last year he is known as a "Senior" and the courses numbered in the 70's are for him. Courses may be taken one year out of the time indicated by the numbers.

I. The Bachelor of Divinity Curriculum

The Requirements for the B. D. Degree Are as Follows:

1. *The Degree of Bachelor of Arts* or some Bachelor's degree of the same rank, including the proper subjects for a foundation. If some subject other than Bible is chosen as a major in the Bachelor's course, enough Bible should be elected to make a proper foundation.

2. *Ninety semester hours* of work in the Brite College of the Bible having an average grade of B, and including *not less than the minimum number* of semester hours in each department as follows:

Old Testament	6
New Testament	12
Religious Education	6
Christian Ministry	9
History of Religion	6
Christian Doctrine	6

Thirty semester hours of the ninety may be recounted from the credits used toward the Bachelor's degree, limited to junior and senior courses, taken while the student is a junior or senior. Eighteen of the thirty must be in the departments of Bible or Religious Education; the other twelve may be selected from the following:

English 47, 49, 53;
History 42a, 42b, 57a;
Philosophy 34, 139;
Sociology 148, and any in the 50's.

3. *A thesis* to be written under the direction of the professor of the department of the student's major subject. The subject of the thesis must be approved by the major professor eight months prior to graduation, the preliminary draft must be submitted two months and the final draft one month prior to commencement day. Instructions for the form of the thesis will be furnished by the Dean or major professor. In general they are the same as the re-

quirements for the Master's Thesis in the Graduate School. If the thesis is of a research nature it may be approved by vote of the faculty for six semester hours of credit.

4. *General Tests.* Each candidate will be subject to two general tests, the preliminary and the comprehensive. The preliminary will test the students' general knowledge of the English Bible; use of written and spoken English, ability in public speaking; general promise of success in the ministry. This preliminary may come during the student's undergraduate senior year, or early in his first graduate year.

The comprehensive test will be given two or three months prior to date of graduation and will test the students general comprehension and mastery of the course he has taken, with their correlation, and the ground of his thesis.

The degree will be withheld from any person whose personal life and character, in the judgment of the faculty, is out of harmony with the ethics of the ministerial profession.

II. The Master of Religious Education Course

This course is designed to train directors of Religious Education to serve in the local congregation or in the general field. It is on a par with the B. D. curriculum, requiring the same amount of time, at least two years beyond the Bachelor's. The task of educating the Nation in religion is of such statesmanlike proportions that it requires a preparation of equal extent and difficulty with that of the pastor. The students who are willing to invest the time in such preparation will lead in bringing the new work up to this dignity.

Women who have such a career in mind should be aware that employment will scarcely be found in it without mental ability and personality rating far above the average.

All students working for the M. R. E. degree should consult with the head of the Department of Religious Education before matriculating for courses.

Requirements for the Degree of M. R. E.:

1. *The Degree of Bachelor of Arts or of Bachelor of Education.* In the Bachelor of Arts course, the major should be in sociology, psychology or Bible. In any case,

twelve hours of Bible must be included. The three-year preministerial course may be followed, with a few variations.

2. *Ninety semester hours of credit* in the Brite College of the Bible, having an average grade of B, including those required below under number 4. Thirty hours may be recounted under conditions as described under the B. D. requirements above and including subjects described under 4 below.

3. A *thesis* under the same conditions as for the Bachelor of Divinity degree.

4. *The Course of Study.* The ninety semester hours must include the minimum number of hours from each department in the University specified below, chosen from courses numbered in the thirties and above, selected under advice of head of department of religious education.

(1) Philosophy, 6.
(2) Psychology, 6.
(3) Sociology, 6.
(4) Education, 6.
(5) Economics, 3.
(6) Church History, 6.
(7) Christian Ministry, 3.
(8) Bible, 12.
(9) Religious Education, 24.
(10) Electives, 18.

Note—Students working for this degree must qualify in public speaking.

5. *General Tests* will be given similar to those described under the Bachelor of Divinity degree.

III. Special Courses for Mature Students

1. *The English Bible Course.*

For the mature man, who has not completed high school training, and whose family responsibility and age make it unwise for him to spend seven or more years in college, this English Bible course is devised. It is a three years' course, requiring a minimum of literary study with much work in the Bible as experience has shown such a student will need in the practical ministry.

Younger students with time for the full course may not take this course.

In this day the churches are demanding of ministers a thorough education, and are finding them in such ample numbers, that a man who cannot secure the full training should question very seriously before going into the ministry. For these reasons it is only in exceptional cases that this special course is advised. The courses will be assigned for each individual in consultation with the Dean.

Courses of Instruction

The rank and value of courses are indicated by the numbers.

Courses numbered in the 50's are primarily for the first year or "Junior Seminary" year, and are not open to juniors of the College of Arts and Sciences. Those numbered in the 60's are for "Middlers", but may be taken by a "Junior Seminary" or "Seniors". Those numbered in the 70's are primarily for Seniors but open to Middlers. This applies regardless of the 100's.

Courses numbered over 100 are of 3 semester hours value; under 100 are of 6 semester hours. A course divided into a and b may for special reasons be credited for one semester without the other, but is expected to be taken as a year unit.

COURSES OF INSTRUCTION

DEPARTMENT OF THE CHRISTIAN MINISTRY

Prof. F. E. Billington (Head)
Assistant Professor, S. W. Hutton.

133. Platform Preparation 3 semester hours.

Hours to be arranged. *Fall.* *Mr. Billington.*
Prerequisite: Public Speaking 24a.
Open to students of junior standing, on A. B. curriculum.

A course dealing, in a practical way, with those forms and methods of platform procedure that have proven themselves essential to ministerial effectiveness. The laboratory method will be used.

151. Christian Worship 3 semester hours.
(Same as 171)

T. Th. 1:00-2:30. *Fall.* *Mr. Hutton.*

A study of the principles and methods of public worship together with their application in building the various types of worship programs required in the mod-

ern church. The course is built on the assumption that worship is fundamental in the program of the living church.

162. **Church Organization and Administration** (Formerly 152 or 172) 2 semester hours.
T. Th. 1:00. *Spring.* *Mr. Billington.*
A study of the organization and administration of the local church in the light of its present-day responsibilities and opportunities. The course will deal with church ideals, organization, supervision, finance, etc., in their relation to the pastoral office.

63a. **The Christian Ministry** 2 semester hours.
W. F. 1:00. *Fall.* *Mr. Billington.*
A study of the Christian Ministry in its varied phases and functions as they have developed within the church. Special emphasis will be given to the ministry of preaching, its opportunities, and requirements.

63b. **The Sermon** 2 semester hours.
W. F. 1:00. *Spring.* *Mr. Billington.*
A study of the nature and functions of the sermon; the principles and methods of sermon building; the collection and use of homiletic materials. Practice in sermon making, criticism and delivery will be required.

164. **The Leadership of Sacred Music** (Formerly 144) 2 semester hours.
T. Th. 1:00-2:30. *Spring.* *Mr. Hutton.*
This course will have for its aim the preparation of men and women as directors and supervisors of music within the several departments of the church; thus making it possible to build up a correlated program of worship for the whole congregation.

165. **The Rural Church** 2 semester hours.
T. Th. 1:00. *Fall.* *Mr. Billington.*
Prerequisite: A course in Rural Sociology.
The course will deal with the present status and problems of the rural church. Careful consideration will

be given to those methods of work that have proven effective in rural communities.

173. **Evangelism** 2 semester hours.
Hours to be arranged. *Fall.* *Mr. Billington.*

A study of the varied types and the most effective methods of modern evangelism. This will be an agendum course. Work done by the group will be enriched by means of lectures by men of large experience in each of the several fields of evangelistic effort.

174. **The History of Christian Preaching** 2 semester hours.
Hours to be arranged. *Mr. Billington.*

An outline study of the development of Christian preaching from the apostolic period to the present time. Special attention will be given to the personality, the message, and the method of the great preachers belonging to each period of the church's history.

75. **Research Seminar in the Problems of the Christian Ministry** 6 semester hours.
(Formerly 60)

This course may be taken as a thesis or a practicum project, and will deal with such problems as may be decided upon by the group and the professor in charge.

Note: See also the Department of Public Speaking for other courses closely related to the work of this department.

DEPARTMENT OF DOCTRINE

Professors W. C. Morro, Clinton Lockhart.

170. **The Religion of the New Testament** 3 semester hours.
Covers the material formerly included in New Testament 170 and 171.
Offered in the summer of 1932. *Mr. Morro.*

171. **The Religion of the Old Testament** 3 semester hours.
Hour to be arranged. *Mr. Lockhart.*
Offered in 1932-'33 and alternate years.

173. **Outlines of Christian Doctrine** 3 semester hours.
(Formerly New Testament 173).
Hours to be arranged. *Spring.* *Mr. Morro.*
Offered 1932-'33.

160. History of Christian Doctrine 3 semester hours.
Offered 1933-'34. Fall. *Mr. Morro.*
Prerequisite: Church History 57.

DEPARTMENT OF HISTORY OF RELIGIONS AND MISSIONS

Professor Colby D. Hall.

42a. The Renaissance Period 3 semester hours.
M. W. F. 9:00. *Mr. Roberts.*
Offered in 1932-'33 alternating with Church History 57.

42b. The Protestant Reformation 3 semester hours.
M. W. F. 9:00. *Mr. Roberts.*
Offered in 1932-'33 alternating with Church History 57.

This course 42ab is given by the Department of History in the College of Arts and Sciences. It is urged as a preliminary to Church History courses.

151. Church History: Later Period 3 semester hours.
Not offered in 1932-'33.

152. The Reformation of the Nineteenth Century 3 semester hours.
W. F. 1:00-2:30. *Spring.* *Mr. Hall.*
Offered in 1932-33 and alternate years.

57. Church History: Early and Middle Periods 6 semester hours.
Mr. Hall.
Offered in 1933-'34 and alternate years.

Connecting with the Apostolic period, a thorough study is made of the church fathers from their works, the influence of Grecian and Roman thought, the growth of the Roman hierarchy, the forces and personalities that made the Middle Age Church.

The spring term is given to the study of the movements preparatory to the Reformation, and a thorough study of the Reformation itself. The standard authors on church history are all consulted in reference.

158. Social Christianity 3 semester hours.
(Formerly 145, or 45a)
W. F. 1:00-2:30. *Fall.* *Mr. Hall.*
Offered in 1932-'33 and alternate years.

This course is a study of the social aspects of religion throughout the Old and New Testaments and the history of the church, for the purpose of securing a scriptural and historical background for the study of social problems of today. It is not needed by those who have had Bible 130.

DEPARTMENT OF NEW TESTAMENT

Professor W. C. Morro (Head).
Assistant Professor, Mr. Hutton.

Undergraduate courses in New Testament are listed in the department of Bible and Greek in the College of Arts and Sciences. Twelve semester hours of these may be included in the 30 semester hours recounted from the B. A. to the B. D. degree. These are to be selected from 130, the Teachings of Jesus, 131, the Teachings of the Apostles, and Greek 36, New Testament Greek.

Courses listed below are primarily for graduate students, but those numbered 50's are also open to seniors in the College of Arts and Sciences.

51. Exegesis of the New Testament in Greek 6 semester hours.

T. T. S. 9:00. *Mr. Morro.*
Prerequisite: A reading knowledge of New Testament Greek.
Offered in 1933-'34 and alternate years.

Exposition of Matthew, Acts, Romans, Ephesians, II Peter and Revelation.

This course offers careful analysis and interpretation of important passages in most of the books of the New Testament and of the more important books as a whole. The critical text of the Greek New Testament is used. In the beginning easier passages and books are studied from which the class advances to more difficult ones.

151. The New Testament World 3 semester hours.

Fall. *Mr. Morro.*
Offered in 1933-'34 and alternate years.

This course is designed to acquaint the student with the religious, political and social conditions of the peoples among whom the New Testament originated.

152. New Testament Introduction 3 semester hours.
Spring. *Mr. Morro.*
Offered in 1933-'34 and alternate years.

A brief course, including a history of the Greek text and canon of the New Testament, and the history of the writing of the New Testament books.

153. Exegesis of the Gospels in English 2 semester hours.
Hour to be arranged. *Spring.* *Mr. Morro.*
Offered in 1932-'33 and alternate years.

A critical and careful analysis and interpretation of the gospels of the New Testament, based upon the English text. The American Standard Revised Version will be used. Some attention will be given to the principles of interpretation.

154. The Life and Times of Jesus 3 semester hours.
Fall. *Mr. Morro.*
Offered in 1933-'34 and alternate years.

160. The Life and Thought of the Apostolic Age. 3 semester hours.
Hour to be arranged. *Fall.* *Mr. Morro.*
Offered in 1932-'33 and alternate years.

162. Exegesis of Epistles in English 2 semester hours.
Hour to be arranged. *Fall.* *Mr. Morro.*
Offered in 1932-'33 and alternate years.

Exposition of I Corinthians, Colossians, James and I John.

163. Exegesis of Epistles in English 2 semester hours.
Spring. *Mr. Morro.*
Offered in 1933-'34 and alternate years.

Exposition of Galatians, II Corinthians, Hebrews, and I Peter.

DEPARTMENT OF OLD TESTAMENT

Professor Clinton Lockhart, (Head).
Associate Professor, E. C. Cameron.

Undergraduate courses in Old Testament are listed under the Department of Bible in the College of Arts and Sciences. They are 119, Survey of Old Testament History; 121, Survey of Hebrew History; 143, Old Testament Literature.

Candidates for the degree Bachelor of Divinity are required to take six semester hours in the Department of Old Testament, exclusive of undergraduate requirements. Courses No. 140, or 151, and 152, are recommended.

140. Monuments and the Bible 3 semester hours.
Hour to be arranged. *Fall.* *Mr. Lockhart.*
Offered in 1932-'33 and alternate years.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments recently discovered and translated with their bearing on the Bible.

151. The Semitic World 3 semester hours.
T. T. S. 9:00 *Fall.* *Mr. Cameron.*

A study of the nations making up the historical background of the Hebrew political, social and religious life. The purpose will be to give the student a historical viewpoint from which to evaluate the development of the Old Testament institutions and doctrines.

152. The Prophets 3 semester hours.
Spring. *Mr. Cameron.*
Not offered in 1932-'33.

A survey course covering the development, nature and purpose of prophecy, together with a study of individual prophets to ascertain the contribution of each to Old Testament religion and Christianity.

163. Old Testament Introduction 3 semester hours.
Hour to be arranged. *Spring.* *Mr. Lockhart.*
Offered in 1932-'33 and alternate years.

A brief course, including a history of the text and canon of the Old Testament, including the integrity and genuineness of the books.

Semitics

50. Hebrew I. Beginning Hebrew 6 semester hours.
Mr. Cameron.

Offered in 1933-'34 and alternate years.

This course will present the Hebrew language by a method combining the good features of both deductive and inductive methods. It will begin with orthography and proceed through the noun, the verb, and practice in reading. Ruth and parts of Genesis will be read.

60. Hebrew II. Reading and Syntax 6 semester hours.
M. W. F. 9:00. *Session.* *Mr. Lockhart.*
Offered in 1932-'33.

Extensive readings in the historic and poetic books of Old Testament, with Hebrew syntax. One term of careful exegetical study of the Hebrew text.

71. Arabic, Beginning 6 semester hours.
Offered as needed.
Prerequisite: Three courses in Hebrew.

72. Assyrian 6 semester hours.
Offered as needed. *Mr. Lockhart.*

Open to those with three courses in Hebrew. This course is for those who expect to do special work in archaeology.

Exegesis, in English

One or more of these courses will be offered each year, on demand. They are intended to give the minister or worker in Religious Education not only the content of important books of the Old Testament, but also to familiarize him with correct methods of interpreting Hebrew literature.

161. Isaiah and Jeremiah 2 semester hours.

An inquiry into the political, social and religious teachings of these prophets.

162. Amos, Hosea and Micah 2 semester hours.

These prophets, because of their position in the prophetic movement, are important. But because of the clarity of their teaching on God, man, religion and

society, they ought to be studied by all religious workers.

163. **Exegesis in English in the Psalms** 2 semester hours.
Offered as needed.

DEPARTMENT OF PUBLIC SPEAKING

Professor Fallis.

During the undergraduate course each ministerial student should take as a minimum, Public Speaking 23a and Christian Ministries 133.

Those who have the time may choose additional work from the courses below, which are described in the Department of Public Speaking of the Arts College.

24. **Public Speaking.** 6 semester hours.
T. T. S. 12:00. *Session.* *Mr. Fallis.*

131 **The Literary and Vocal Interpretation of the Bible** 3 semester hours.
M. W. F. 11:00. *Fall.* *Mr. Fallis.*
Prerequisite: Public Speaking 24.

132. **Advanced Vocal Expression** 3 semester hours.
M. W. F. 11:00 *Spring.* *Mr. Fallis.*
Offered in 1932-'33 and alternate years.

DEPARTMENT OF RELIGIOUS EDUCATION

Professor, H. L. Pickerill.
Assistant Professor, S. W. Hutton.

Undergraduate courses in Religious Education are listed under the School of Education and relisted here, because they are given by this department for credit toward the Bachelor's degrees.

Toward a Permanent Teachers Certificate (not to a lesser one) as much as 6 semester hours may count; from Religious Education 21 or 51.

Students who are majoring in Bible, psychology, or sociology for the Bachelor of Arts degree may elect a first or second minor in religious education. Students majoring in English, history or biology may elect religious education as a second minor. Those wishing to take their major in religious education may do so in the pursuit of the degree of Bachelor of Education. In making either of the above elections, students must conform to the general requirements for the above degrees as set forth in this catalog.

Students completing courses in religious education will receive credit toward the standard teachers diploma of the International Council of Religious Education, in addition to the credits earned in the pursuit of a regular college degree.

All these courses, except 21, are eligible to count toward the B. D. or M. R. E. degrees. Students desiring preparation for service in the field of religious education should consult the requirements for the degree of Master of Religious Education.

Psychology 121 is a prerequisite to all Religious Education courses.

Textbook fee. In this department no textbooks are used, but extensive use is made of laboratory work instead. Each student will pay a fee of $2.00 for each semester course in lieu of buying a textbook and this sum will be used for laboratory material.

GENERAL COURSES

21a. The Psychology of Religious Development — 3 semester hours.

M. W. F. 8:00. *Fall.* *Mr. Pickerill.*
Prerequisite or concurrent: Psychology 121.

A study of the laws and principles underlying the religious education of children, young people and adults.

21b. Method in Teaching Religion — 3 semester hours.

M. W. F. 8:00 *Spring.* *Mr. Pickerill.*
Prerequisite or concurrent: Psychology 121, and Rel. Ed. 21a.

Application of the laws of teaching to the work of religious education.

132. Administration of Religious Education — 3 semester hours.

T. T. 10:00, 3rd hr. to be arranged. *Fall.* *Mr. Pickerill.*
Prerequisite: 21ab.

A study of the responsibility of the church for religious education; the educational committee; its functions, personnel, and methods of creation; the minister as

director of religious education; the director of religious education, his qualifications and functions; school organization; the teaching body; the course of study; statistics; pupil accounting; measurements; week-day and vacation schools of religion; community religious education; relation of church school to communal and national bodies.

133. **The Story, the Drama and Art in Religious Education.** 3 semester hours.

Not offered in 1932-'33.
Prerequisite Rel. Ed. 21a and 21b or their equivalent.

A practical study of the story, the drama, and art in the work of religious education.

134. **Use of the Bible in Religious Education.** 3 semester hours.

M. W. F. 9:00. *Fall.* *Mr. Pickerill.*
Open to juniors and seniors.

This course is the same as Bible 134 and may count toward the nine hours of required Bible for the Bachelor's degree.

135. **Supervision of Religious Education** 3 semester hours.

T. T. 10:00, 3rd hr. to be arranged. *Spring.* *Mr. Pickerill.*
Prerequisite: 21ab.

A study of the processes of developing the leadership and program of religious education through the skillful guidance of the workers. Practice and observation will be required.

136. **Leadership in Religious Education.** 3 semester hours.

M. W. F. 9:00. *Spring.* *Mr. Pickerill.*
Open to juniors and seniors.

The course is designed for non-ministerial students who are interested in qualifying for efficient leadership in the teaching program of the church. At least four units of the Standard Leadership Training Course will be awarded to those completing the course.

This course is the same as Bible 136 and may count toward the nine hours of required Bible for the Bachelor's degree.

ADVANCED AND GRADUATE COURSES

51a. Philosophy of Religious Education 3 semester hours.

T. T. 2:30-4:00. *Fall.* *Mr. Pickerill.*

A study of the place of religion in human experience; the function of religious education; the native equipment of human nature; the possibility of changing human nature; the nature of experience and the technique of its enrichment and control; various types of religious experience and their evaluation; the objectives of religious education; the institutional aspects of religious education.

51b. The Curriculum of Religious Eduation 3 semester hours.

T. T. 2:30-4:00. *Spring.* *Mr. Pickerill.*

A study of the historical theories of the curriculum; the conception of the curriculum as enriched and controlled experience; the basic principles involved in this conception of the curriculum; the effect of this conception upon subject-matter, method and organization; analysis and evaluation of existing curricula of religious education in the light of this conception.

152. The Psychology of Religion 3 semester hours.

Fall. *Mr. Pickerill.*

T. T. 9:00, 3rd hour to be arranged.

The origin and nature of the religious consciousness; the genesis of the religious attitude; ways in which the religious attitude differs from other mental attitudes; origin and development of religious practices; origin and development of religious concepts; relation of religion to morality; relation of religion to progress; various types of religious leaders; types of religious behavior.

159. Practicum for Directors of Religious Education and Pastors 2 or 6 semester hours.
(Formerly 71 or 171)

Spring. *Mr. Pickerill.*

T. T. 9:00, 3rd hour to be arranged.

Prerequisite: 12 semester hours of religious education.

Practical work in religious education will be required.

63b. **Young People's Work in the Local Church** (Formerly 43b) 2 semester hours.
Offered as needed. *Mr. Pickerill.*

A study of the principles underlying a unified and comprehensive program for all the adolescents in the church. Careful study of existing organizations, lesson materials, activities, administration, training of leadership and supervision.

164. **The Leadership of Sacred Music** 3 semester hours.
T. Th. 1:00-2:30. *Spring.* *Mr. Hutton.*
See Christian Ministry 164.
Prerequisite: 12 hours of religious education.

Either 164 or 171 may count as religious education only when as much as a first minor in religious education is being taken.

170. **Surveys and Measurements in Religious Education** (Formerly 160) 2 semester hours
Offered as needed.

The object of this course will be to give the student practical working knowledge of the fundamentals of statistical and survey methodology and of the application of those fundamentals to the religious educational task.

171. **Christian Worship** 3 semester hours.
T. Th. 1:00-2:30 *Fall.* *Mr. Hutton.*
See Christian Ministry 171.
Prerequisite: 12 hours of religious education.

Either 164 or 171 may count as religious education only when as much as a first minor in religious education is being taken.

72. **Thesis Seminar** 6 semester hours.
Hours to be arranged. ***Session.*** ***Mr. Pickerill.***

GENERAL INFORMATION

Lectures and Conferences

The Library

A special section of the University Library is provided for the Brite College of the Bible. This contains several collections of books donated from the libraries of some of our deceased ministers. But in addition to these it contains a large number of new books purchased for the use of the classes definitely in their work. It is continually supplied with new books as they come out. Two special features are a rather full collection of books on the history of the Disciples of Christ; and many old rare Bibles.

Preaching Employment

Students are encouraged to preach for the near-by churches as soon as they are advanced far enough to render full value to the churches for the income received. In order to be fair to the churches and avoid abuse of the student-preacher work, all appointments are required to be made through F. E. Billington, Professor of Christian Ministries.

Before engaging for a regular preaching appointment, a student must receive the approval of the Faculty. Except in cases of maturity and experience a student is not permitted to make regular appointments until he is a junior. Each student is required to preach several sermons acceptably before the Timothy Club, or some place arranged through it, before he is eligible to approval by the Faculty.

Student Aid

Every effort is made to enable the student to finance his way through college. The costs have been reduced to a minimum, aid is given in securing employment, and many jobs are provided on the campus. Yet it is expected that the student will assume the burden of responsibility. This is the only way for independence and character growth.

A student is advised to work and save as much as $100.00 before trying to start, and if married the saving should be more.

The McFadin Ministerial Loan Fund

Through the generous efforts of Mr. D. G. McFadin of Austin, donations have been made by himself and others, to establish a loan fund for the aid of regular students in the Brite College of the Bible. This fund is handled by Mr. E. H. Yeiser, Littlefield Building, Austin, Texas.

Its purpose is not to deprive a youth of his independence by giving him unearned money; but to afford means of securing a loan at low rate of interest, to be paid back after he has finished school. Application blanks, setting forth fully the conditions on which loans will be granted, may be had by anyone making request at the office of the college. Loans are not made to first-year students.

Mr. and Mrs. E. F. Gates Loan Fund

In February, 1927, Mrs. E. F. Gates of Amarillo, Texas, with the advice of her pastor, F. W. O'Mally, gave a sum of One Thousand Dollars to be used as a loan fund for ministerial men students, under the direction of the Board of Trustees of the Brite College of the Bible. This is named in honor of her deceased husband and herself.

Mr. and Mrs. S. N. Strange Loan Fund

No friends of ministerial education in T. C. U. were more interested during their lifetime than Mr. S. N. Strange, long time an elder in the First Christian Church at Temple, Texas, and his good wife, who aided him in every good word and work. They arranged their estate so that at her death a sum of Five Thousand Dollars should come to the Brite College of the Bible as a Loan Fund. This was received as operative in October, 1930.

THE POLICY AS TO FREE TUITION

It is the purpose of Texas Christian University to provide tuition practically free for every boy or girl who will use the training in a life of full-time Christian service as a vocation. It is not intended to give this free tuition to those who engage primarily in some other profession, such as teaching, or music, with Christian service only as an avocation.

This aid is not given as a matter of favor to select students, but is rather an investment, which is expected to

yield worthy returns in service to the church in the future. Hence it is an obligation of the school to see that only those receive the benefit who are genuine candidates for the ministry, and who have the capacity and the industry to prove worthy investments.

In order to be true to its supporters, and to the *bona fide* ministerial student, it is necessary to throw about this free tuition proper restrictions. To be classified as a ministerial student, one must fulfill the following conditions:

1. He must present a letter of recommendation from his home congregation, signed by his pastor, or elders, endorsing him as a Christian and as a candidate for the ministry.

2. He will sign a declaration of his purpose to devote his life to the ministry of the Gospel in some form, as a vocation, and to repay the amount in cash if his life is not devoted to this work.

3. He must pursue such a course as will under the approval of the faculty prepare for the Christian service in view, with the sincere purpose of completing not only the Bachelor's degree but also either the B. D. or M. R. E. The college is under obligation to send out preachers thoroughly prepared, and declines to encourage half way preparation. No reduction is given to a student seeking the M. A. or M. S. degrees.

4. In order to receive a tuition credit at the beginning of a new semester the student's previous record must show creditable grades, faithful application, faithful reporting in the "Practical Work" assignments, and worthy attendance upon the exercises to which he is due, as well as a voluntary Christian activity.

5. Students who use tobacco, or other extravagances, will be ineligible to receive any financial aid from the University.

The student who is thus classified as a ministerial student, on signing the "Tuition Credit Slip," will be granted free tuition ($150.00 of the $200.00 is considered "tuition"); a reduction in room and board rates amounting to about $90.00 per session. No reduction is given for the summer term or Christmas Holidays.

FEES

The fees in the University as a whole are given on page 83. These below show the net cost to the ministerial student after deducting the rebates:

For the Dormitory Student

	Fall.	Spring.
General Fee	$ 25.00	$ 25.00
Medical Fee	7.50	7.50
Room rent ($1.00 per week)	18.00	18.00
Board ($5.00 per week)	90.00	90.00
Student activity fee	6.50	.....
Library deposit, ($4.00 returnable)	5.00	.....
Room deposit, returnable	6.00	.....
Usual cost to dormitory student	$158.00	$140.50
Annual total, net		$298.50

For Student Not in Dormitory

	Fall.	Spring.
General Fee	$ 25.00	$ 25.00
Student activity fee	6.50	.....
Library deposit, ($4.00 returnable)	5.00	.....
	$ 36.50	$ 25.00

For an adult visiting a Bible class regularly without credit:

	Fall.	Spring.
Visitor's fee, one class	$ 6.00	$ 6.00
Visitor's fee, more than one class	10.00	10.00

General fee is paid by every student, and entitles him to the use of the Library, membership in the Oratorical Association, and other general facilities.

Medical fee is payable by every dormitory student, and entitles him to the regular care of the University physician, the trained nurse, and all common medicines, but does not include hospital bills, operations, or any such extra treatment as becomes necessary outside the dormitory. This fee is a great safety and economy.

Board was provided for years through a boarding club, managed by the students, until it was found that the University Cafeteria could furnish it better at the same cost. So a reduction of $1.00 per week is given to ministerial students in lieu of the club.

Room rent is given to the ministerial student, boy or girl at $1.00 a week, instead of the standard rate of $2.50; because the funds for erecting Goode Hall were donated for the purpose of affording room rent at current cost.

MINISTERIAL STUDENTS, 1931-'32

The "Undergraduate" students are those who are enrolled in the College of Arts and Sciences as Freshmen, Sophomores, or Juniors.

UNDERGRADUATES

Men

Francis E. Barnes
Merle William Bergeson
Arle Brooks
Ralph A. Brown
John G. Clark
Glenn Clark
Macias Compirano
Eugene Cox
Wesley Davis
James T. Duval
William Gonder
George Graham, Jr.
Maurice Grove
Dean Harrison
Patrick Henry, Jr.
Albert Jones
Wallace Jones
Arthur King
Dallas Lee
Glen LaDue
Gordon McIntyre
Cleo McGehee
Ed Mace
Robert Mitchell
Fred Miller
Otto Nielson
Roy O'Brien
Daniel Packard
Ben Parker
James Parrott
Herman Pittman
Jack Roe
Harvey Scott
Edward Cabot Stein
Edwin T. Summers
M. L. Trammell
Frank Valencia
Antonio Vargas
Fred Vasquez
Fritz Vasquez
Paul Wassenich

Women

Earnestine Awtrey
Mrs. Alma Bailey
Bess Crawford
Mrs. Houston Crump
Miss Emma Gantt
Louise Glass
Evelyn Green
Elizabeth Henry
Eva Keeling
Hazel McWilliams
Mrs. Al B. Nelson
Marian Porter
Gladys Simonson
M. Tyrrell
Irene VanKeuren
Frances Watson
Mrs. Travis White

THE GRADUATE STUDENTS

The graduate curriculum consists of three years known as Junior, Middler, and Senior. Certain courses on the A. B. may be recounted on the graduate degree, up to 30 semester hours. Hence a student who is a "Junior" on this curriculum may still be a Senior in the College of Liberal Arts. Such are these below who are without the A. B. degree.

Mary Lillian Anderson.....Junior
Mrs. Mary F. Barrett.....Junior
Sterling Brown, A. B. 1930.....Senior
T. W. Carpenter.....Junior
Houston Crump.....Junior
Myrtle Davis.....Junior
Perry Gresham, A. B. 1931.....Middler
Charles Hanna.....Junior
Wilfred P. Harman (A. B. Ouachita College 1931).....Junior
Oliver Harrison.....Junior
Jessie Hawkins.....Junior
Elmer Henson, A. B. 1927.....
L. O. Leet, B. S. L. (Butler U.) 1930.....Middler
Elizabeth Male.....Junior
Kenneth Martin, A. B. 1931.....Junior
Thurman Morgan, A. B. 1924.....Senior
Al B. Nelson.....Junior
Robert Preston.....Junior
Harvey Redford, A. B. (on thesis work only 1931-32).....Senior
Hubert Robison, A. B. 1922.....Junior
Sylvia Smith.....Junior
Pat Sullivan.....Junior
Pansy Teagarden.....Junior
William Viverett.....Junior
Gordon Voight, A. B. 1931.....Middler
Travis White.....Junior
Clyde Yarbrough.....Junior
Mrs. Mayme K. Yarbrough, A. B. 1930.....Middler

THE SCHOOL of EDUCATION

FACULTY, SCHOOL OF EDUCATION

EDWARD MCSHANE WAITS, A. B., LL. D.
President of the University.

COLBY D. HALL, A. M.
Dean of the University.

RAYMOND A. SMITH, A. M., B. D.
Director, and Professor of School Administration.

BURL A. CROUCH, A. B., M. A.
Assistant Professor of Elementary Education.

FRANKLIN G. JONES, A. M.
Professor of Secondary Education.

WALTER KNOX, B. A.
Instructor in Physical Education.

HELEN WALKER MURPHY, B. Ed.
Instructor in Physical Education.

H. L. PICKERILL, A. B., B. D.
Professor of Religious Education.

FRANCIS SCHMIDT, LL. B.
Instructor in Physical Education.

The following named professors offer courses in the methods of teaching their subject in the secondary schools:

JOHN W. BALLARD, B. C. S., C. P. A.
Professor of Business Administration.

EULA LEE CARTER, A. M.
Assistant Professor in Spanish.

MISS BONNIE M. ENLOW, B. S.
Instructor in Home Economics.

LEWIS D. FALLIS, A. B.
Professor of Public Speaking.

NEWTON GAINES, B. S., M. S.
Associate Professor of Physics.

MISS MABEL MAJOR, A. B., B. S., A. M.
Associate Professor of English.

CHARLES H. ROBERTS, A. B., A. M.
Professor of History.

CLAUDE SAMMIS, B. M.
Instructor in Public School Music.

CHARLES R. SHERER, A. B., A. M.
Professor of Mathematics.

WILL MCLAIN WINTON, B. S., M. S.
Professor of Biology and Geology.

J. LAURENCE WHITMAN, A. B., M. S., PH. D.
Professor of Chemistry.

S. P. ZIEGLER, A. B.
Assistant Professor in Public School Art.

History and Development

From its founding the genius of Texas Christian University has been to develop personalities of character who will serve mankind for good. The founders recognized that among the most influential factors for the betterment of society are its school teachers. The training of teachers, therefore, was a prominent service in the early days, even before special departments or even courses in education were generally offered by colleges.

In 1893 the State Department of Education recognized the work of Add-Ran University for teachers' certificates.

In 1897 a professor was provided to devote his full time to education courses. In 1909 a Department of Education was formed, and in 1925 the larger faculty, enrollment and variety of offerings justified the organization as a School of Education.

The further request of the many who are preparing to teach, or to do directive and administrative work in the public schools of the State to do their major work in the department, has led the faculty to the organization of a School of Education, granting the degree of Bachelor of Education.

The larger enrollment, the variety of courses afforded, the number of teachers giving full time to education courses, with the contributions of other departments in addition, fully justify the expansion of a Department into a School of Education.

THE BACHELOR OF EDUCATION DEGREE (B. Ed.)

It is customary at the present time to give a Bachelor's degree for a four-year curriculum in preparation for the teaching profession. Such a curriculum is semi-professional and therefore, should not be awarded the B. A. degree. From the viewpoint of this institution, the B. S. degree should not be used, because the B. S. degree represents a study in the natural sciences—quite a distinct field from the profession of education.

It is believed that the dignity of the profession of teaching deserves its own title, and that the great improvement in the content and thoroughness of the college courses in this department in recent years fully justifies the use of a distinctive degree. The degree of *Bachelor of Education* is clear, distinctive, dignified; it is growing in general favor. It should come to take its place along with other professional degrees, and will in time, no doubt, require a longer preparation than four years.

For graduate courses and the degree in education, the section of the catalog devoted to The Graduate School should be consulted.

Admission

The requirements for admission are identical with the requirements for entering the regular academic work in the College of Arts and Sciences.

Requirements for Graduation
For the Degree of Bachelor of Education

First, Required of All—

Biology 11, six semester hours.

Bible, nine semester hours, including 117 or 127; and six chosen from among the following: 121, 130, 131, 134, 143, or religious education 136.

***English*, twelve semester hours, courses 11 and 24.**

A *foreign language*, six semester hours, one year, not the first year of a language, and a satisfactory test in a "reading knowledge" of the language.

A Social Science, government 120 (or 114) and 126. Social science 12 or history 12 will satisfy, but government 120 is required for a certificate.

Mathematics, six semester hours, course 12 or 13.
(If the student is majoring in physical education, mathematics is not required.

***Psychology,* 121, and either 124, 132, 135, 136, or philosophy 122 or 123.**

Physical Education, two years, the first two years.

Second, Majors and Minors

1. Elementary Education Group

***Major*—Elementary Education, 24 semester hours;** courses 26, 132, 133, 44 and 43.

First Minor—English, 24 semester hours.

***Second Minor*—Social science, 12 semester hours.**

2. Secondary Education Group

***Major*—Secondary education, 24 semester hours. The following numbered courses in education should be selected: 23, 134, 136, 41; and 50 or 51.**

***First Minor*—24 semester hours in the subject which the student expects to teach in high school.**

***Second Minor*—18 semester hours in the second choice** of subjects to be taught. *If English is chosen 18 semester hours.*

3. Educational Administration Group

Major— Educational administration, 24 semester hours; the following numbered courses should be chosen: 33b, 44, 23a, 51 and, 26 or 41.

***First Minor*—Psychology, 18 semester hours.**
***Second Minor*—Sociology and government, 12 semester hours.**

4. Religious Education Group

***Major*—Religious education, 24 semester hours.**

First Minor—Psychology or sociology.

***Second Minor*—Another of these subjects.**

5. Physical Education Group

Major—Physical education 27 semester hours.

First Minor—18 hours of English, commerce, foreign language, history, or mathematics.

If English is chosen, 24 semester hours.

Second Minor—12 hours in education other than physical education.

Employment Service. The Director of the School of Education is chairman of the Committee on Recommendation of Teachers. In this capacity he aids the students to secure teaching positions. Merely to cover clerical cost in correspondence, a fee of $2.00 will be charged each one who registers to secure a teaching position. This service is open to all former students of Texas Christian University.

Teachers' Certificates. The courses of this department are accepted by the State Department of Education to apply on teachers' certificates, under the provision of the State law. Full information concerning the requirements for securing a certificate will be furnished by the Director or the Registrar. The following are the chief provisions applying to college students:

The course government 120 (or 114) is required for *any* certificate.

For One Year of College Work (30 semester hours) including the following courses: English 11, education 11, government 114, and not more than 12 in any one subject there will be issued: (1) A first class elementary certificate valid for four years; or (2) a first class high school certificate valid for two years; but not good in affiliated high schools. Only those who definitely purpose to teach the following year may take this group.

For Two Years of College Work (60 semester hours) including 12 semester hours in education, six in English, government 114, there will be issued: (1) a first class elementary certificate valid for six years, or (2) a first class high school certificate valid for four years, provided one course bears on high school teaching.

For Three Years of College Work (90 semester hours) including 18 semester hours in education, six of which

must be education 41, there will be issued a first class high school certificate valid for six years.

For Four Years of College Work, *i. e.*, graduation, including 24 semester hours in education (selected on advice of department) may be issued a *permanent* high school certificate. For the degree, with twelve semester hours in education, six of which must be in the secondary field, and three years of successful teaching a *permanent* certificate may be had. A permanent elementary certificate may be had by adding five years' experience to the six-year elementary certificate; and each additional year of college work will substitute for a year's experience. Further details may be had on application.

Special Certificates to teach the special subjects of domestic art, domestic science, commercial subjects, public school art, public speaking (expression), physical training, public school music, or foreign languages, will be granted by the State Department of Education to the student who has met the college entrance requirements, and has completed the subjects required by law. A three years' *special* certificate, good to teach in any public school in Texas, requires 60 semester hours, which must include 6 in English, 6 in education, 6 in the special subject, and 2 in methods of teaching the special subject, and government 120.

A four-year certificate requires 90 semester hours, including 18 in the special subject, 6 in English and 6 in education, and government 120.

Courses are provided for fulfilling these conditions in all the special subjects mentioned above. These may be found by consulting the portion of this catalog devoted to the subject desired.

Courses in Elementary Education

11a. Educational Psychology 3 semester hours.

T. T. S. 10:00 *Fall.* *Mr. Crouch.*

Neither this course nor 11b will apply on a major in education.

Psychology applied to the elementary school pupil. This is followed by 11b to make a full course.

11b. Elementary Management 3 semester hours.

T. T. S. 10:00 *Spring.* *Mr. Crouch.*

Prerequisite: 11a.

This is a study of management and methods in the elementary schools. The course, consisting of 11a and 11b, is designed for those freshmen who will be required by circumstances to teach after one year in college. It is required for the first elementary certificate. Only those who can show good evidence of such expectation will be admitted to the course. Freshmen who take this course will choose for their social science course, government 114.

26a. Special Methods, Elementary 3 semester hours.

M. W. F. 11:00. *Fall.* *Mr. Crouch.*

Prerequisite or concurrent: Education 11ab, Psychology 121.

The teaching of reading, language, and spelling in the intermediate grades.

26b. Special Methods, Elementary 3 semester hours.

M. W. F. 11:00. *Spring.* *Mr. Crouch.*

Prerequisite or concurrent: Education 11ab, Psychology 121.

The teaching of arithmetic, geography, and history in the elementary grades.

This course consisting of 26a and 26b aims to acquaint the student with the literature, modern methods of teaching, and the organization of subject matter for teaching purposes in the subjects listed above.

The adopted textbooks in these subjects will be given an intensive study. The use of standardized educational tests in the interpretation of teaching results will be discussed and applied to actual teaching situations. The State course of study for the elementary grades will be used as a guide as to the State requirements in these subjects.

132. Psychology of Childhood 3 semster hours
(Formerly 33a)

T. T. S. 8:00. *Fall.* *Mr. Crouch.*

Prerequisite: College work in either biology, genetics or psychology, and junior standing.

The purpose of this course is to furnish the teacher, principal, superintendent, and social worker with the

principles and laws of the growth and development of the child. The emphasis is placed on the study of the child as prerequisite to a study of the methods of training him.

133. **Elementary School Principles and Problems** (Formerly 33b) 3 semester hours.

T. T. S. 8:00. *Spring.*
Prerequisite: Ed. 11ab or 23ab, and junior standing.

This course will consider the entire field of elementary education and the most outstanding problems that we are concerned with at the present time.

44a. **History of Elementary Education** 3 semester hours.
Not offered in 1932-'33. *Fall.*
Prerequisite: Senior or graduate standing.

This course intends to give a brief historical study of the field of elementary education in Texas, the South and the United States, with the European background of each.

44b. **The Elementary School Curriculum** 3 semester hours.
Not offered in 1932-'33.
Prerequisite: Senior or graduate standing.

This course is open only to seniors, experienced teachers, and supervisors. The aim of this course will be to determine a positive, rational basis for the organization of the common school course of study.

Courses in Secondary Education

23a. **Introduction to the Study of High School Education** 3 semester hours. *Fall.*

23b. **The Junior High School** 3 semester hours.
M. W. F. 9:00 and *Spring.* *Mr. Crouch.*
T. T. S. 9:00 *Mr. Jones.*

This course is introductory to the study of high school education through the discussion of the problems that will first meet the new teacher. This course is recommended for students who will seek their first certificate to teach in unaffiliated high schools. **For sophomores.**

134. Principles of Secondary Education 3 semester hours.
M. W. F. 9:00, T. Th. S. 8:00. Spring. *Mr. Jones.*
Prerequisite: Junior standing.

A study of the aims, functions and social significance of the high school with a critical evaluation of its curriculum.

136. The Psychology of the High School Pupil 3 semester hours.
M. W. F. 11:00, T. T. S. 8:00. Fall. *Mr. Jones.*
Prerequisite: Junior standing.

A consideration of the physical and mental life of pupils of the high school age.

41. Methods of Teaching in the High School 6 semester hours.
T. T. S. 10:00. *Mr. Jones.*
T. Th. S. 11:00 (3 sections). *Mr. Smith.*
Prerequisite: Senior standing and the student must have had one year in high school education, or take another course aside from this one concurrently.

This course covers principles of method, organization of subject matter, making of lesson plans, observation and practice teaching. Required for any high school certificate beyond the four-year certificate.

GENERAL COURSES IN EDUCATION

50. Advanced Educational Psychology 6 semester hours.
Monday 7:00-10:00 p. m. Session. *Mr. Smith.*
Prerequisite: Biology 11, psychology 121 and two years of education. For seniors and graduates.

A study of the native equipment of the individual, the psychology of learning, and the nature and use of intelligence tests.

51. Educational Administration 6 semester hours.
Not offered in 1932-'33.

This course includes public school administration, city, county and State school surveys and their interpretation.

65. **The Junior College** 6 semester hours.
(Formerly 55)
Th. 7:00-10:00 p. m. *Mr. Smith.*
For graduates only.

A study of the movement, the institution and its purposes and curriculum. The second semester will be devoted to the study of college teaching, especially how methods may be adapted to the needs of Junior College classes, or to the freshman and sophomore classes of the prevailing college organization.

Special Courses

The following courses are offered in various departments of the University and are especially designed for teachers and for those who desire to teach the subject in the secondary schools. These courses are open only to advanced students in education. For further description of courses consult the section of the catalog devoted to the department of education. See the different departments for the class hours.

Education 122 or Biology 22b, Hygiene and Sanitation 3 semester hours.
Spring.

Education 130, Mathematics 130, Teaching of Secondary Mathematics 3 semester hours.
Offered 1932-'33 and alternate years. *Mr. Sherer.*

Education 138, Home Economics 138, Special Methods—Teaching Home Economics in the Secondary Schools 3 semester hours.

Education 140, History 140, Teaching History in Secondary Schools 3 semester hours.
Spring. *Mr. Roberts.*

Education 141, Biology 141, Teaching Biology in Secondary Schools. 3 semester hours.

Education 134, Modern Languages 134, Teaching Modern Languages 3 semester hours.
Spring. *Miss Carter.*

Education 130, Commerce 130, Methods of Teaching Commercial Subjects in the Secondary Schools. 3 semester hours.

Fall. *Miss Williamson.*

Education 131, Methods of Teaching Shorthand and Typewriting. 3 semester hours.

Spring. *Miss Williamson*

Education 146, English 146, Teaching English in Secondary Schools 3 semester hours.

Spring. *Miss Major.*

Public School Music 22 6 semester hours.

Public School Music 42 6 semester hours.

Session.

Public School Art 121, 122 6 semester hours.

Education 141. The Teaching of Chemistry 3 semester hours.

Public Speaking 130. The Teaching of Public Speech 3 semester hours.

Offered 1933-'34 and alternate years.

Physical Education 140, 141, or 149 Methods in Physical Education 3 semester hours.

Physics 140. The Teaching of Elementary Physics 3 semester hours.

Summer School Courses, 1932, in Secondary Education

134 Principles of Secondary Education 3 semester hours.

9:30 daily.

136. The Psychology of the High School Pupil 3 semester hours.

7:30 daily.

151. Curriculum Construction in Junior and Senior High Schools, and Junior Colleges 3 semester hours.

8:30 daily *Mr. Smith.*

Prerequisite: Senior or graduate standing.

156. **Extra Curricular Activities for High Schools and Junior Colleges** 3 semester hours.
9:30 daily. *Mr. Jones.*
Prerequisite: Senior or graduate standing.

159. **Educational and Vocational Guidance** 3 semester hours.
11:30 daily. *Mr. Smith.*

COURSES IN PHYSICAL EDUCATION FOR MEN

The courses in physical education required of all freshmen and sophomores will be found in the department of physical education in the section of College of Arts and Sciences.

The courses announced here, except 22, are for credit toward the degree of Bachelor of Education only.

22a. **Anatomy and Physiology** 3 semester hours.
T. T. S. 9:00. *Fall.* *Dr. Alexander.*
(Biology 22a)

22b. **Personal Hygiene** 3 semester hours.
T. T. S. 9:00. *Spring.* *Dr. Alexander and Dr. Sewell.*
(Biology 22b)

35. **Methods in Athletic Team Coaching** 6 semester hours.
M. W. 10:00. *Session* *Mr. Schmidt and Staff.*
Other hour to be arranged.
Prerequisite: Physical education D and junior standing.
Methods of coaching competitive teams in major sports, covering detail of individual fundamentals, offensive and defensive team play, strategy and conditioning of athletes. Basket ball, football and track. Three hours a week will be laboratory.

136. **Supervision of Play—Games** 3 semester hours.
M. W. F. 11:00. *Fall.* *Mr. Knox.*
Prerequisite: Physical education D and junior standing.
Psychology of play. Organization, construction, equipment, and supervision of playgrounds. Organizing the play program. Games and mass athletics.

137. **Gymnastics—Theory and Practice** 3 semester hours.
M. W. F. 11:00 *Spring.* *Mr. Knox.*
Prerequisite: Physical education D and junior standing.

Elementary marching tactics, calisthenics, apparatus, tumbling. Gymnastic nomenclature. Arranging the high school program.

142. **Organization and Administration of Physical Education** 3 semester hours.
T. T. S. 11:00. Fall. Mr. Knox
Prerequisite: Six semester hours of physical education.

Administrative problems in the high school, department personnel, classification and organization of activities, management of meets and contests, interscholastic and intramural athletics and construction and care of the physical education plant.

144. **Principles of Health Education** 3 semester hours.
T. T. S. 11:00 Spring. Mr. Knox.
Prerequisite: Six semester hours of physical education.

The field of health education, principles governing health, methods and materials for teaching health and administration of the health program.

146. **History and Principles of Physical Education** 3 semester hours.
T. T. S. 9:00. Spring. Mr. Knox.
Prerequisite: Six semester hours of physical education.

Historical survey. A study of the aims, objectives, and general scope of physical education, its relation to general education. Evaluation of various activities. Selection and adaptation of activities to the different ages and conditions.

149. **Practice Teaching** 3 semester hours.
T. T. S. 9:00. Fall. Mr. Knox.
Prerequisites: Physical education 134, 35, 136.

Supervised teaching, coaching intramural teams and officiating intramural games.

Special Teacher's Certificate

A special certificate in physical education may be secured by taking 60 semester hours, including, in English, 6; in education, 6; government 120, 3; physical education, 6; and physical education 149, 3.

Courses in Physical Education for Women

The courses in physical education required of all freshmen and sophomores will be found in the Department of Physical Education in the section of College of Arts and Sciences.

The courses in physical education will apply only on a Bachelor of Education degree.

22a. **Anatomy and Physiology** 3 semester hours.
T. T. S. 9:00. *Fall.* *Dr. Alexander.*

22b. **Personal Hygiene** 3 semester hours.
T. T. S. 9:00. *Spring.* *Dr Alexander and Dr. Sewell.*

(Biology 22b)

130. **Physical Education—Recreational Leadership, Administration** 3 semester hours.
M. W. F. 8:00. *Fall.* *Mrs. Murphy.*
Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.

A study of the play movement in connection with the community, school, church, and home. Games, athletics and special activities for both indoors and out-of-doors. Attention being paid to the physiological age and seasonal needs.

131. **Physical Education—Recreational Leadership, Supervision** 3 semester hours.
M. W. F. 8:00. *Spring.* *Mrs. Murphy.*
Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.

This course will consider financing, advertising, equipment, and general management of playgrounds. Special activities as Girl Scouts, Boy Scouts, Camp Fire and Camp Counselors. Directing festivals, pageants, school programs, May Fetes, picnics, etc.

140. **Methods in Elementary Physical Education** 3 semester hours.
T. T. S. 8:00. *Spring.* *Mrs. Murphy.*
Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.

This course will cover the field of such problems as programs, supervision and general organization of

elementary grades. Special attention to be given the five phases: games, calisthenics, rhythm, hygiene, and athletics.

This counts as a methods course to teach physical education in the public elementary schools.

141. **Methods in Secondary Physical Education** 3 semester hours.

T. T. S. 8:00. *Fall.* *Mrs. Murphy.*

Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.

This course will consider junior and senior high school methods, as well as college organization.

This counts as a methods course towards a certificate to teach physical education in the public schools.

143. **Coaching of Sports and Practice Teaching** 3 semester hours.

Fall. Repeated in Spring. Mrs. Murphy.

Hours to be arranged.

Prerequisites: Physical education 140, 141 and either 130 or 131.

Supervised teaching, coaching women's sports teams, and officiating intramural games.

146. **History and Principles of Physical Education** 3 semester hours.

T. T. S. 9:00. *Spring.* *Mrs. Murphy.*

Prerequisite: Six semester hours of physical education.

Historical survey. A study of the aims, objectives, and general scope of physical education, its relation to general education. Evaluation of various activities. Selection and adaptation of activities to the different ages and conditions.

Special Teacher's Certificate in Physical Education, for Women

This may be secured from the State Department of Education by taking 60 semester hours of college work, including in English, 6; in education, 6; in government 120, 3; and in physical education 130, 131, and 140 or 141.

COURSES IN RELIGIOUS EDUCATION

All courses in Religious Education count in the School of Education toward degrees.

Toward a teacher's certificate, as much as 6 semester hours, taken from either 21 or 51 may count; but only when this 6 hours is presented with 18 hours of general education toward a permanent certificate.

Detailed description of courses is given in the section of the catalog under Brite College of the Bible. See that section for hours of recitation.

21a. The Psychology of Religious Development — 3 semester hours.
M. W. F. 8:00. *Fall.* *Mr. Pickerill.*

21b. Methods in Teaching Religion — 3 semester hours.
M. W. F. 8:00. *Spring.* *Mr. Pickerill.*

132. Administration of Religious Education — 3 semester hours.
T. T. 10:00 3rd hour to be arranged *Fall.* *Mr. Pickerill.*

133. The Story and the Drama in Religious Education — 3 semester hours.
Not offered in 1932-'33. *Spring.* *Mr. Pickerill.*

135. Supervision of Religious Education — 3 semester hours.
T. T. S. 10:00. *Spring.* *Mr. Pickerill.*

51a. Philosophy of Religious Education — 3 semester hours.
T. T. 2:30-4:00. *Fall.* *Mr. Pickerill.*

51b. The Curriculum of Religious Education — 3 semester hours.
T. T. 2:30-4:00 *Spring.* *Mr. Pickerill.*

63b. Young People's Work in the Local Church — 3 semester hours.
Offered as needed. *Mr. Pickerill.*

The SCHOOL of FINE ARTS

FACULTY IN FINE ARTS

EDWARD MCSHANE WAITS, A. B., LL. D.
President of the University.

HENRY D. GUELICK, A. B., B. M., MUS. DR.
Professor of Piano and Theory.
Director of Music Department.

HELEN FOUTS CAHOON
Professor of Voice and Head of the Department.

KATHERINE MCKEE BAILEY, B. M.
Associate Professor of Piano.

CLAUDE SAMMIS, B. M.
Head of Department of Violin and Public School Music.

SAMUEL P. ZIEGLER, A. B.
Head of Department of Art.

ADELINE BOYD, B. M.
Instructor of Piano and Theory.

GRACE BUCHER, B. M., A. B.
Instructor in Piano.

Undergraduate Assistants

MOZELLE BRYANT
Assistant in the Piano Department.

.....

Assistant in the Voice Department.

ALBERT LUPER
Assistant in the Violin Department.

.....

Assistant in the Piano Department.

Relation to the University

Very distinct advantages are gained by the fact that the School of Fine Arts is an integral part of the University. It contributes a spirit of culture to the academic life, and receives in return a spirit of thoroughness and breadth which is often lacking in musical education.

The student who takes music, art or expression thus in connection with a university, gains more than the joys of college life in all its attractive phases. Here is the opportunity to carry along one's literary education at the same time, which cannot be done in a conservatory or by private teachers.

It is possible also in the University atmosphere for the student to require of himself a more regular and systematic schedule of study; more thoroughness in the study of the theory of the arts, and a better facility for public recital and concert playing. The student is given the full benefit of these advantages. A system of checking the hours of practice, as well as the periods of recitation, supervised by monitors assures both pupils and parents of thorough application.

Much is made of the classes in theoretical music, the point wherein the average music teacher fails. Credit for these courses is recognized toward the B. A. degree. The courses require a considerable amount of literary work, for this helps to counteract the one-sidedness of the musical training so commonly noted.

The city of Fort Worth is a great musical center of the Southwest, and many unusual advantages are offered the students to hear the recitals and concerts of world-renowned artists.

The aim, therefore, is to send out graduates who are not only trained in art matters, but who possess a cultural education as well.

Organization

The School of Fine Arts has two departments:

1. The Department of Music.
2. The Department of Art.

General Information

Special Students. Any person may enroll in any class in the School of Fine Arts for which he can show preparation and ability to carry the work assigned; or may enroll for private lessons in any subject offered. Students completing the shorter courses are also classified as special students.

Regular Students. Students who intend to follow a course leading to a degree or certificate are classified as regular students. Music without credit may be taken by regular college students who have already a full schedule.

Registering. Each student should report to the head of the department which he wishes to enter, and be assigned to the proper grade of work and instructor; then to the Registrar's office.

Attendance. Each pupil is due to enter the class for which he enrolls beginning the first day of the term. Absences may not be made up, and will count against the grade. Class meetings missed by the teacher will be made up.

Amount of Work. Students are under the same regulations in this matter as in other departments of the University. According to regulations explained in the general catalog of the College of Liberal Arts, the maximum of eighteen hours may be permitted to students who make an average grade of approximately B.

Practice Room Rules. No student will be allowed to change an hour of practice with any other student without the consent of the director of music. Only by special permission from the teacher will two pupils be allowed in one room during practice period, and then only for accompanying. Only pupils engaged in the study of music for the semester may use the practice rooms.

Scholarships. The School of Fine Arts offers a full scholarship and a partial scholarship in piano, voice, and violin to pupils who show the highest ability.

The Music Club is open to the faculty and all students of the University interested in good music. Meetings are held twice a month.

The Chorus is one of the important organizations of the institution. Rehearsals are held three times a week and a number of concerts are given during the school year. Credit for this work allowed. Open to all students.

Orchestra and Band. The regular University orchestra and band are among the noteworthy features of the department. All students playing orchestra or band instruments have an opportunity to acquire invaluable experience through the medium of the training offered in this form of ensemble playing. The orchestra takes a most important part in all University activities, playing for the usual events and all special events during the year.

Honors. In order to encourage work of the highest character, the following resolution affecting the membership of the Band and Orchestra has been adopted. The honor of wearing the letter T in music is conferred upon members of these organizations who have attended twenty-six rehearsals a semester in one session, and who are recommended by their director for faithfulness and interest. No letter will be awarded to a student who is reported deficient in grades or deportment.

Faculty Recitals. One of the most helpful features of the School of Fine Arts is recitals given by different members of the Faculty. The recitals are complimentary to the Faculty and student body.

Student Recitals. Frequent recitals are given in order that the students may accustom themselves to public appearance. Each student is expected to attend these recitals, as a part of the regular work. At the close of the year a number of individual recitals are given by the advanced students.

Extension Service. The members of the faculty and the glee clubs are available for recitals and concerts. The school also provides lectures on musical subjects and art, for literary clubs, music clubs, and other organizations.

Children's Piano Department. Children are accepted as piano students and placed under the instruction of excellent teachers, at moderate rates.

Instruction in piano, voice, or violin is also offered without credit, one or two lessons per week, to meet individual needs.

Students majoring in other departments may take piano, voice, or violin in addition to their regular work without credit.

Degrees in Music

What degree or curriculum shall the student in music choose?

The courses for the training of musicians has undergone much change in recent years, and the student of music should consider thoughtfully, before deciding on the particular course to be pursued. The two factors shaping the changes have been the much larger number of people who are studying music, both in public schools and colleges, and the larger amount of musical training required to become a professional musician.

Formerly, the teacher of music was expected to learn only music; very little of general or literary courses was expected, and no degree. But that has changed. Now a teacher of music, whether in public school or college, or private classes, is expected to have some degree, and a breadth of culture gained by courses much wider than music alone.

In order to meet this need for cultural education, with emphasis on music, the B. M. degree has been offered for a number of years. But recently, the usage among colleges and the standards of associations have made of the B. M. degree a strictly professional one, with a very small amount of the courses known as "literary." This sort of a curriculum is unsatisfactory to the usual college student who prefers a larger portion of literary subjects.

Because of this change, T. C. U. is now concentrating its attention on the Bachelor of Arts degree with a major in Music, covering practically what was covered in the B. M. heretofore, and accomplishing the purposes of a cultural education with the emphasis in the field of music. It will give the needed breadth of training in general, yet afford enough mastery of the field of music to make one quite accomplished. Any who prove to have special talent and wish to become professional musicians will be ready for more technical courses, and further degrees.

The B. M. curriculum, as it has been offered for some ten years, is therefore withdrawn. What it has done, the A. B. with a major in Music will now accomplish. For the next three years no B. M. will be awarded except to the students who have already gone so far on this course that the University is under obligations to allow them to complete it.

A new B. M. curriculum is prepared (and announced in this catalog) which conforms to the type known as a "professional" degree. It is composed mostly of music. Ninety of the 120 hours must be in music. It must be built from the freshman year up, hence no class will graduate with this new curriculum until 1935. This course is recommended only to those who wish a strictly professional preparation and expect to make music a vocation. In this curriculum, for instance, the amount of time spent on piano will be about double the amount spent under the old plan.

Summary of the Curricula Available to Music Students

1. *The Bachelor of Arts, with a major in Music.*

   This is designed to give the general culture which a college degree implies, with the emphasis in the field of music; enough training to make one an accomplished artist, and able to teach if desired. It may include a certificate to teach public school music. *See its details on the following pages.*

2. *The Bachelor of Education with a major in Music.*

   This includes courses in educational methods, provides a permanent certificate to teach; has somewhat less of general cultural courses and less of music than the A. B. above. For those who plan to specialize in teaching Public School Music this is recommended. This can be done by choosing music as a first minor on a B. Ed. degree. *See the details of this in the School of Education.*

3. *The Bachelor of Music.*

   This permits a minimum of literary subjects, and is distinctively a professional course. It should be taken only by those who plan to make music a vocation. This B. M. will not be awarded until 1935, but the curriculum may be begun by students now. *See description of details on the following pages.*

The Curriculum for the Degree of Bachelor of Arts, With a Major in Music

Entrance Requirements: The same as for any A. B. degree. See full details under entrance requirements to the Add-Ran College of Arts and Sciences. (Page 40.) Briefly, it is graduation from an affiliated high school with 15 affiliated units.

Required Subjects: These are the same as for any B. A. degree. Briefly they are: science (physics) 6 hours, Bible 9 hours, English 12 hours, a foreign language 6 or 12 hours, a social science 6 hours, philosophy and psychology 6 hours, total 54 semester hours (or 60 if the foreign language is begun in college), and two years of physical education. *The details should be observed on page 74.*

Requirements for a Major in Music on the A. B.

Major—24 hours in music (including Music 11 and 41) of which 12 hours must be numbered in the 30's and 40's.

First Minor—18 hours in a foreign language, English, history, philosophy or psychology.

Second Minor—12 hours in another of these, or education, or public school music.

Required: The student must qualify by credit or test for entrance into the freshman course of either piano, voice or violin.

Limits: Not more than 42 hours of music may be credited. Not more than 12 hours of these in applied music, and this must be done in residence.

Table Showing Curriculum.—The first two years as shown below are well defined, but the junior and senior years will vary according to the choice of majors and minor, and electives. The subjects may be rearranged under the advice of the director of the department and the registrar. Piano, Violin, or Voice may be used as elective up to 12 hours.

Freshman Year	*Sem. Hrs.*
English 11	6
A foreign language	6
Govt. 12 or Hist. 12	6
Physics 11	6
Music—Harmony 11	6
	30

Sophomore Year	*Sem. Hrs.*
English 24	6
Bible 121, 127	6
Psych. 121 or another Psy. or Phil.	6
A for. lang. (if first year started in college) or elective	6
Music chosen from 12, 13 and 14, 21, 22, 24	6
	30

Junior Year	*Sem. Hrs.*
Bible	3
1st minor	6
2nd minor	6
Music chosen from 31, 132, 135	6
Elective	9
	30

Senior Year	*Sem. Hrs.*
1st minor	6
2nd minor	6
Music chosen from 41, 42, 142, 143	12
Elective	6
	30

The Curriculum for the Degree of Bachelor of Music

Entrance Requirements: Graduation from an affiliated high school with at least fifteen units accredited, or by examination, including 3 units in English, 2 in history, 2 in mathematics.

Required Courses for the B. M. Degree:

These can best be shown by a list of the courses for each year. They should be followed approximately as listed.

For those majoring in piano or violin:

Freshman Year	*Sem. Hrs.*
Piano or violin 12	8
Music 11	6
Music 12	6
Music 13 and 14	6
English 11	6
	32

Sophomore Year	*Sem. Hrs.*
Piano or violin 22	8
Music 22	4
Music 21	6
College elective	6
Music or college elective	6
	30

Junior Year	*Sem. Hrs.*
Piano or violin 32	12
Music 31	6
Music 132	3
Music 135	3
Elective	6
	30

Senior Year	*Sem. Hrs.*
Piano or violin 42	12
Music 41	6
Music 143	3
Music 142	3
Elective	6
	30

For those majoring in voice:

Freshman Year	*Sem. Hrs.*
Voice 12	8
Music 11	6
Music 12	6
Music 13 and 14	6
English 11	6
	32

Sophomore Year	*Sem. Hrs.*
Voice 22	8
Music 22	4
Music 21	6
A foreign language	6
Music or college elective	6
	30

Junior Year	*Sem. Hrs.*
Voice 32	8
Music 31	6
Music 132	3
Music 135	3
Elective	3
A foreign language	6
	29

Senior Year	*Sem. Hrs.*
Voice 42	8
Music 41	6
Music 143	3
Music 142	3
Elective	9
	29

For those majoring in Public School Music:

Freshman Year	*Sem. Hrs.*
Music 11	6
Music 12	6
Music 13 and 14	6
Music 23 or 24	—
English 11	6
Piano 11	6
	30

Sophomore Year	*Sem. Hrs.*
Public school music methods 22	6
Music 22	4
Music 21	6
Education 23	6
Music 23 or 24	3
Applied music	6
	31

Junior Year	*Sem. Hrs.*
Music 31	6
Music 132	3
Music 133	3
Music 135	3
Government 120	3
Music 23 or 24	3
Music or college electives	6
Applied music	6
	33

Senior Year	*Sem. Hrs.*
Public school music methods 42	6
Music 41	6
Music 142	3
Music 143	3
Music elective	6
Applied music	6
	30

Applied music includes the practical study of voice, piano, violin, and orchestral instruments.

Courses in applied music and the electives should be chosen with the advice of the head of the department and the registrar.

Teachers of vocal music should take voice 12 and 22 and two years of piano.

Teachers of instrumental music should take three years of piano (including 12, 22, 32) or orchestral instruments, and one year of voice.

Orchestral instruments should include two years of advanced study of a solo instrument and a year's work in each of three minor instruments representing the string, wood-wind and brass section of the orchestra.

To meet the voice requirements, students will be allowed to take the subject in group lessons without credit. If voice requirements are met by taking private lessons, a credit of six hours for the year will be given.

The Teacher's Certificate

The State law provides that a student who has met the college entrance requirements and has completed 60 semester hours of college work shall be entitled to receive a three years' certificate to teach his special subject (public school music, vocal music, and instrumental music are included) in any public school in Texas; provided 60 semester hours shall include: 6 in English; 6 in education; 6 in the special subject, and 2 in methods of teaching the special subject, and government, 114 or 120.

For information concerning certificates of longer service, the registrar should be consulted.

Those seeking a certificate to teach public school music are advised to choose their 60 semester hours as outlined below:

First Year	*Sem. Hrs.*
Music 11	6
Music 12	6
Music 13	2
Music 24	—
English 11	6
Government 114	3
Piano 11	6
	29

Second Year	*Sem. Hrs.*
Music 21	6
Music 14	4
Public school music methods 22	6
Music appreciation 135	3
Music 24	3
Education 23	6
Voice 11	6
	34

NOTE:—*For the certificate to teach instrumental music the following course is outlined:*

First Year	*Sem. Hrs.*
Music 11	6
Music 12	6
Music 13	2
English 11	6
Government 114	3
Piano 11 or Violin 11	6
	29

Second Year	*Sem. Hrs.*
Music 21	6
Music 14	4
Music appreciation 135	3
Piano methods 144	3
Education 23	6
Electives	6
Piano 21 or Violin 21	6
	34

OUTLINE OF COURSES

Piano

A systematically developed technical foundation is the first requisite in pianoforte playing. This is accomplished by carefully selected exercises and studies designed to bring about a conscious control of the muscles. As the student advances, interpretation becomes a special study. The various emotional, intellectual and physical faculties are brought into that harmony and control which alone results in artistic performance.

For admission to the college course in Piano, a student should be grounded in correct touch and reliable technique. He should have studied standard etudes such as Czerny, op. 299-1, Heller, op. 45, 46, the Little Preludes of Bach, Loeschhorn, op. 67 and compositions corresponding in difficulty. An opportunity will be given the student to make up the entrance requirements if deficient.

Advanced standing will be granted students from accredited institutions, or by examination.

Instrumental ensemble will be required of all students with piano as a major.

The piano courses are offered in two groups: Those for the B. A. degree, or elective, are 11, 21, 31, 41, giving 6 semester hours credit, requiring two hours a day practice.

Those for the B. M. degree, are 12, 22, 32, 42, giving 8 or 12 semester hours credit, requiring three hours a day practice. The same grade of music is used in both. It should be said that credit is measured, not merely by the amount of time put in practice, but by the accomplishment of the student as shown in the lessons and recitals, but the more exacting requirements of the professional courses will demand more practice.

11. Freshman Piano for B. A. — 6 semester hours

12. Freshman Piano for B. M. — 8 semester hours

Selected etudes from Czerny, op. 299, Berens, op. 61, Heller, op. 47. Preludes and two-part Inventions by Bach. Sonata, Beethoven, op. 10-1, op. 10-2; Mozart, in F. Major, No. 4, or others of equal grade. Compositions and technic to suit the need of the student. Instrumental ensemble, duet playing.

21. Sophomore Piano for B. A. 6 semester hours

22. Sophomore Piano for B. M. 8 semester hours

Etudes chosen from the works of Cramer, Czerny, op. 740. Three-part Inventions by Bach and Preludes from the Well-Tempered Clavichord. Sonata, Haydn, in E. flat; Beethoven, op. 2-1, op. 14-1, op. 14-2; Mozart, in A major, No. 9, or others of corresponding grade. Compositions and technic. Instrumental ensemble, four-hand piano arrangements of symphonies and overtures.

31. Junior Piano for B. A. 6 semester hours

32. Junior Piano for B. M. 12 semester hours

Clenemti's Gradus and Parnassum. The Well-tempered Clavichord and Suites by Bach. Moscheles, op. 70. Octave Studies by Kullak. Sonata, Beethoven, op. 53, op. 57, or equivalent. Repertoire of classic, romantic and modern compositions. Instrumental ensemble, piano with various string combinations.

41. Senior Piano for B. A. 6 semester hours

42. Senior Piano for B. M. 12 semester hours

Selected etudes of advanced grade by Rubinstein, Phillip, Moszkowski, Chopin and Liszt. Concerto and ensemble playing. Concert pieces by standard American and foreign composers such as Grieg, MacDowell, Chopin, Schumann, Brahms, Liszt, Debussy, Ravel, and others. Recital. Instrumental ensemble. Chamber Music for piano and string instruments.

VOICE

Singing is the interpretation of text by means of musical sounds produced by the human voice. The principles of singing taught are those of the old Italian School—Bel Canto.

Not everyone is gifted musically but a cultured speaking voice may be developed and appreciation of singing through proper enunciation, pronunciation and phonetics as emphasized in the study of voice.

The individual needs of each student are studied and emphasis placed on the important requirements for a normal, healthy body and development musically, vocally, intellectually and spiritually.

Those majoring in singing are required to have two years of piano and two years of a modern language, also one year of Italian which is credited in Voice 11.

Vocal repertoire classes are conducted at stated intervals for all voice students, attendance to which is required.

For *entrance* to the collegiate course the student should be able to sing the simpler standard songs with musical intelligence, possess a knowledge of the rudiments of music and be able to read simple songs at sight.

Advanced standing will be granted students from accredited institutions or by examination.

Vocal ensemble will be required of all students with voice as a major.

Two types of courses are offered in Voice. Those for the B. A. degree are 11, 21, 31, 41, giving 6 semester hours credit, requiring one hour a day practice plus assigned work.

Those for the B. M. degree are 12, 22, 32, 42, giving 8 semester hours credit, requiring two hours a day practice plus assigned work.

The additional time is required to accomplish the finished work demanded by the professional degree.

11. Freshman Voice for B. A. 6 semester hours

12. Freshman Voice for B. M. 8 semester hours

The requirements for this first year contain the fundamental principles upon which the singer's future depends. Before passing to another year, the following attainments must be satisfactorily developed: posture; deep breathing; diaphragmatic control, through relaxation and a consciousness of the resonance area; easy musical exercises for vowel and tone emission with emphasis placed on enunciation, pronunciation and intonation; Abt's Complete Vocalization; simple songs in Italian and English, Schubert and Schumann. Vocal ensemble, Chorus 24.

21. Sophomore Voice for B. A. 6 semester hours

22. Sophomore Voice for B. M. 8 semester hours

Further study of scales and arpeggios for wholesome natural growth and development throughout the compass of the voice; scales, both major and minor, and

arpeggios, legato and staccato; old English and modern songs. Vocal ensemble, Chorus 24.

31. Junior Voice for B. A. 6 semester hours

32. Junior Voice for B. M. 8 semester hours

Study of the trill; staccati; vocal embellishments; oratorio and opera numbers suitable to each individual; Handel, Mozart and Bach. Vocal ensemble, Chorus 24.

41. Senior Voice for B. A. 6 semester hours

42. Senior Voice for B. M. 8 semester hours

These pupils are expected to be excellent musicians, an even scale throughout the compass of the voice and be able to sing numbers from opera, oratorio, lieder and modern songs in English, Italian and the foreign language which they have chosen. Song recital of one hour from their repertoire. Vocal ensemble, Chorus 24.

Violin

No student may hope to be proficient in violin playing without a thorough understanding of violin technique. Special attention is given the art of bowing and accuracy of intonation, which depends upon the ability to finger the strings correctly and with facility. Stress is laid on musical interpretation. As a result of careful instruction, an artistic performer with beauty of tone, grace and poise is produced.

For entrance to the collegiate course, the candidate should be able to play studies from Sevcik, Mazas, Kreutzer and Sitt, etc.; the easier compositions of Schubert, Mozart, de Beriot, Drdla, and other standard composers.

Such exercises, studies and selections for solos, duets, etc., will be used throughout the entire range of violin study as will best meet the needs of individual students.

A playing knowledge of the viola is required besides two years of orchestral or ensemble experience for graduation.

Advanced standing will be granted students from accredited schools or by examination.

Instrumental ensemble will be required of all students with violin as a major without credit.

Two types of courses are offered in Violin. Those for B. A. degree are 11, 21, 31, 41, giving 6 semester hours credit and requiring 2 hours a day practice.

Those for the B. M. degree are 12, 22, 32, 42, giving 8 semester hours credit and requiring three hours a day practice. The additional time is required to achieve the finished work required for the professional degree.

11. Freshman Violin for B. A. 6 semester hours

12. Freshman Violin for B. M. 8 semester hours

Violin studies, Kayser 36 studies; Dont., op. 38. Mazas Vol. 1. Exercises by Sevcik. Bowing studies by Stoeving, etc. Sonatas by Schubert and Mozart. Selected shorter solos from classic and modern masters. Instrumental ensemble 23.

21. Sophomore Violin for B. A. 6 semester hours

22. Sophomore Violin for B. M. 8 semester hours

Violin studies, Kreutzer 42 studies; Mazas Vol. II. Exercises by Sevcik. Bowing studies by Stoeving. Concertos by Viotti, Rode, Kreutzer, de Beriot, and Bach. Selected solos from classic and modern masters. Sonatas by Beethoven. Instrumental Ensemble, 23.

31. Junior Violin for B. A. 6 semester hours

32. Junior Violin for B. M. 8 semester hours

Violin studies, Kreutzer 42 studies, Fiorillo 36 caprices, etc. Exercises by Sevcik, sonatas by Beethoven. Concertos by David, Molique, Spohr (Nos. 7, 9, 11), etc. Selected solos by Wieniawski, Vieuxtemps, Leonard, Kreisler, Drdla, de Beriot, Hubay, etc. Instrumental ensemble, 23.

41. Senior Violin for B. A.

42. Senior Violin for B. M. 12 semester hours

Violin studies, Rode 24, caprices, Gavinies 24 studies. Vieuxtemps, Bach 6 solo sonatas (Nos. 1, 2, 3 and 4). Exercises by Sevcik. Concertos by Mendelssohn, Brahms, Beethoven, Bruch, Wieniawski, Pagannini, etc. Sonatas, Cesar, Franck, Brahms. Solos by Tartini, Corelli, Leonard, Pagnani, Kreisler, Sarsate, and Bazzini. Instrumental ensemble, 23. Recital.

THEORY OF MUSIC

Any of the following courses may be taken as an elective towards an A. B. degree except 133 and 144.

11. Harmony 6 semester hours

M. W. F. 9:00 *Session.* *Dr. Guelick*

The rudiments of music. Chord structure and progressions, triads, seventh chords, chords of the ninth and modulations. Keyboard harmony. Open to all students.

12. Sight Singing 6 semester hours

T. T. S. 11:00 *Session.* *Mrs. Cahoon.*

Study of scales, intervals, modulation, notation and part singing. Open to all students.

13. History of Music 2 semester hours

F. 11:00 *Session.* *Miss Baily.*

An elementary course. A study of forms of different periods with illustrations.

14. Ear Training and Dictation 4 semester hours

M. W. 11:00 *Session.* *Miss Boyd.*

Drill in rhythms, intervals and simple chords. Dictation in two and three parts. Melodic and harmonic material selected from standard vocal and instrumental music.

21. Harmony 6 semester hours

T. T. S. 10:00 *Session.* *Miss Boyd.*

Prerequisite: Harmony 11.

Altered chords, suspensions, passing notes, and organ point. Melodic and ornamental devices. Extended use of modulation. Modern tendencies in harmony. Keyboard Harmony.

22. Ear Training and Dictation 4 semester hours

M. W. 8:00 *Session*

Prerequisite: Ear training and dictation 14.

Drill in extended harmonic material, modulations and contrapuntal forms. Dictation in three or more parts vocal and instrumental.

23. Instrumental Ensemble 3 semester hours

T. Th. 1:30 *Session.* *Mr. Sammis.*

The College Orchestra offers an opportunity for students of stringed and wind instruments for orchestral practice. Overtures and standard compositions are studied and publicly performed. A credit of one hour a year will be allowed. This course is required of students majoring in violin.

24. Chorus 3 semester hours

T. Th. 4:30 S. 12:00 *Session.* *Mrs. Cahoon.*

Open to all students in the University who desire to sing. Those who ask credit must serve satisfactorily in the chorus for two seasons. One hour per week will be devoted to the study of hymns, anthems, cantatas, and oratorios, so that the student will be equipped to sing intelligently in choruses of high standing. Each student will be required to sing in a choir under a competent director for practical experience, during those two years.

31. Counterpoint 6 semester hours

M. W. F. 11:00 *Session.* *Dr. Guelick*

Prerequisite: Harmony 11 and Harmony 21a.

Counterpoint in two, three and four parts. Double counterpoint. Imitation, canon and fugue in two parts. Elementary composition.

132. Forms and Analysis 3 semester hours

M. W. F. 9:00 *Spring.*

The elements of form and aesthetic contents of music. Harmonic and structural analysis of homophonic and polyphonic forms.

133. Instrumental Technique 3 semester hours

T. T. S. 11:00 *Fall.* *Mr. Sammis*

The teaching of instrumental technique in the grades and the high school. Tuning and playing of various instruments. Problems of orchestra and band such as the organization, selection of music and directing will be discussed. Course designed for public school music teachers, supervisors and others preparing themselves for the directing of bands and orchestras.

135. Music Appreciation 3 semester hours

M. W. F. 9:00 *Fall* *Miss Bailey*

Designed to acquaint the student with standard vocal and instrumental compositions, and to cultivate the art of listening and an appreciation of good music. Course will include a study and an analysis of the smaller forms. Open to all students.

41. History of Music 6 semester hours

T. T. S. 9:00 *Session.* *Dr. Guelick*

Critical study of the development of music from primitive times to the present. Collateral reading. Social and political background under discussion.

142. Orchestration 3 semester hours

T. T. S. 10:00 *Spring.* *Mr. Sammis*

A study of orchestral instruments, orchestral composition and arranging.

143. Composition 3 semester hours

T. T. S. 10:00 *Fall.* *Dr. Guelick*

Original work in instrumental and vocal forms.

144. Piano Methods 3 semester hours

T. T. S. 11:00 *Spring.* *Dr. Guelick*

Practical talks on various aspects of piano teaching. Discussion of tone production, technic, pedaling, interpretation, memorizing and teaching material.

145. Canon and Fugue 3 semester hours

Time to be arranged.

Canon in all intervals. Fugues in two, three and four parts.

146. History of Modern Music 3 semester hours

Time to be arranged.

A study of modern music of France, Germany, England, Italy and America.

147. Advanced Composition 3 semester hours

Time to be arranged.

Original work in the larger instrumental or vocal forms.

148. Practice Teaching 3 semester hours

Time to be arranged. *Staff.*

Practical application of methods. Supervised practice teaching.

149. Advanced Orchestration 3 semester hours

Time to be arranged.

Rehearsal Schedule for Organizations

Chorus Singing—T. T. 4:30 P. M.; S. 12:00.

Band—Daily, 12:00.

Orchestra—T. Th. 1:30.

Wind Instruments.

Personal instruction is given in any of the wind instruments. Students have an opportunity of playing in the University Orchestra and Band, thus receiving the training in ensemble playing necessary for a real finish in the use of the instrument.

Public School Music

22. Public School Music Methods **6 semester hours.**

T. T. S. 9:00 *Session.* *Mr. Sammis*

The teaching of public school music from the kindergarten through the sixth grade. Classification and development of tonal and rhythmical problems. Numerous lesson plans will be presented. Consideration of musical subject matter for children. Teaching of music appreciation. Observation and practice teaching. Conduct of music classes.

42. Public School Music Methods **6 semester hours.**

T. T. S. 8:00 *Session.* *Mr. Sammis*

Prerequisite: Ps. Music 22 and junior standing.

The teaching of music in the junior and secondary high schools. Aims presented and material discussed. Practical and theoretical courses outlined. Training and practice in directing chorus, glee clubs, orchestras, bands and ensemble groups. Observation and methods relating to high school music. Newer problems in the field of music supervision.

DEPARTMENT OF ART

Samuel P. Zeigler, Principal.
Student Assistants.

The Art Department offers special advantages to both art students and students in other departments. Through the correlation of the Art Department with the other departments, the student will receive a broad training so essential to present-day life.

It is the aim of the department to make the technical instruction thorough, and through special lectures and exhibitions, to broaden the student's knowledge and culture.

Special Features

The Brushes. "The Brushes" is an art club which is affiliated with the American Federation of Art. It has for its object the furtherance of the art interests of the University.

Art Galleries and Exhibitions. There will be an exhibition of student work at the close of each semester. The final exhibition, held during the last two weeks of the school year, will contain selected work from all the work done throughout the year. Original work by the instructors will be shown from time to time. Outside exhibitions will be brought in frequently as an educational feature.

The art gallery at the Fort Worth Carnegie Library contains a permanent collection of American paintings.

There are also special exhibitions of the best work by contemporary painters of America held during February. An exhibition by painters of the Southwest, one by Texas artists, and a Fort Worth show, together with exhibitions by individual nationally known painters form the major art activities. Each year artists of national reputation visit Fort Worth and lecture upon current art subjects, thus creating a stimulating art atmosphere.

Art Library. The art library contains many books, magazines, and reproductions. It is planned as a reference library, and attention has been given to the selection of books of cultural value together with technical handbooks, biographies, history, and general art topics.

The courses are planned to meet the needs of teachers of art, students in home economics, and those who wish to follow painting as a profession. The school believes in

drawing academically in order that the student may understand sound fundamental principles.

Students furnish their own material, except easels and drawing boards. The finished work of students is under the control of the department until after the spring exhibition. The school reserves the right to retain an example of the work of each student done during the year.

Certificate and Diploma in Art

1. *A Diploma in Art* is granted to one who presents the entrance requirements as required for the Bachelor of Music (see page 218), and completes the full four-year course outlined below. This is a highly graded course, and is recommended for those who wish to reach the highest ability in art. The students pursuing this course are ranked along with the other students of the University, as freshmen, seniors, etc.

The second year of the modern language must be taken in college. The first year may be taken in either high school or college.

The student who completes this course may complete the requirements for the B. A. degree by one additional session of work (30 semester hours), provided the elective courses are chosen under the advice of the Registrar from the required subject and a proper grouping of major and minor. All these courses are allowed to count toward a Bachelor's degree, except the drawing and painting.

Or, if the A. B. degree is taken first, the Diploma in Art may be secured by an additional 30 semester hours, provided the electives and majors and minors have been chosen properly.

Freshman Year.	*Sem. hrs.*
Drawing and Painting 11	6
Public School Art 11	6
Modern Language	6
English 11	6
History 12, or Govt. 12	6
Total	30

Sophomore Year.	*Sem. hrs.*
Drawing and Painting 21	6
Bible 127	3
Physics 11	6
English 24	6
Psychology 121	3
Elective	6
Total	30

Junior Year.	*Sem. hrs.*
Drawing and Painting 31	6
Public School Art 21	6
Bible	6
History	6
Elective	6
Total	30

Senior Year.	*Sem. hrs.*
Drawing and Painting 41	6
Interior Decorating	6
Art History	6
Elective	12
Total	30

Course of Study for Public School Art

2. *The Public School Art Certificate.* Those seeking a certificate to teach public school art are advised to choose their 60 semester hours as outlined below:

First Year.	*Sem. hrs.*
English 11	6
Government 114, Bible 117	6
A foreign language	6
Public school art 11	6
History 12, or Govt 12	6
Total	30

Second Year.	*Sem. hrs.*
Education	6
Public school art 121, 122	6
History of art	6
English 24	6
Bible 127	3
Psychology 121	3
Total	30

The State Law provides that a student who has met the college entrance requirements and has completed 60 semester hours of college work shall be entitled to receive a three years' certificate to teach his special subject (public school art included) in any public school in Texas; provided the 60 semester hours shall include 6 in English; 6 in Education; 3 in Govt. 120; 6 in the special subject, and in addition 2 in methods of teaching the special subject, which in this case is public school art.

For information concerning certificates of longer service, the Registrar should be consulted.

3. *A Certificate in Art* will be issued to one who completes three years of the art work listed in the "Diploma Course" above, regardless of any literary work. This certificate gives no authority to teach, but is an evidence of the art work only. It is designed for those who wish the art work for cultural use only.

COURSES OF STUDY IN ART

11. Public School Art 6 semester hours.

M. W. F. 8:00. Laboratory 1:00. *Session.*
Studio fee $2.25 per semester.

The work consists of the drawing of plants, flowers, landscape, objects, animals and figures as related to the grade schools. Principles of perspective. Principles of design and color. Styles of lettering, designing of posters and title pages. Especial grade problems. Note book. Mediums: Pencil, ink, crayolas, and water colors. No extra tuition.

12. Drawing and Painting 6 semester hours.

Freshman Year. *Tuition $50.00 per semester.*
Three two-hour periods a week. *Studio fee $2.25 per semester.*
Two sections. M. W. F. 1:00 to 3:00; T. T. S. 10:00 to 12:00.

The work of the freshman year is of the elementary nature. Free-hand drawing in charcoal from objects and casts in simple values. The representations will be reduced to the simplest terms, and the student urged to search for constructive principles mainly. Arrangement, forms, textures, etc., will be discussed, as will methods of handling the various mediums. Portrait character sketches in charcoal. Still-life painting and landscape sketching. Elementary perspective and composition.

17. Commercial Art 6 semester hours.

T. T. S. 9:00 to 11.00. Session. *Studio fee $2.25 per semester.*
Three two-hour periods a week. *Tuition $50.00 per semester.*

In the first year the aim will be to give a good foundation in drawing. The student will work in the regular drawing classes, and this work will be supplemented by special assignments of a practical nature. Lettering, advertisements, and poster work.
Mediums: Pencil, charcoal, pen and ink, and water color.

121. Public School Art 3 semester hours.
(Formerly fall semester of 21)

Fall.
M. W. F. 8:00. Laboratory 1:00. Studio fee $2.25 per semester.

Art structure and composition furnishes the bulk of the material for laboratory work. The study of color is carried through a series of progressive experiments with applications to general art work.

122. **Public School Art** 3 semester hours.
(Formerly spring semester of 21)

Spring.

M. W. F. 8:00. Laboratory 1:00. Studio fee $2.25 per semester.

This course covers principles of method, of subject matter, organization and planning of grade outlines. Visiting the grades in the city schools and the making of written reports. This is the methods course required for a teachers certificate.

22. **Drawing and Painting** 6 semester hours.

Two sections. M. W. F. 1:00 to 3:00; T. T. S. 10:00 to 12:00.
Sophomore Year. Tuition $50.00 per semester.
Three two-hour periods a week. Studio fee $2.25 per semester.

The work of the second year is less elementary in character. There is a softening or modifying of structural lines. The simpler values are subdivided and character is stressed. Light and shade and textures are studied carefully, while color receives marked consideration. Drawing from casts in charcoal. Drawings of portrait studies in charcoal. Still-life painting in oils. Landscape sketching. Perspective and composition.

123. **Landscape Painting** 3 semester hours.

Tues. and Thurs. Afternoons.
Two three-hour periods a week. Tuition $25.00 for nine weeks.
Studio fee $2.25 per semester.

First half of fall semester and second half of spring semester. Landscape composition may be taken to fill in the time between. The class will make two trips each week and will work direct from nature. There is a wealth of material near the University, along the Trinity River or in Forest Park, which is a veritable out-of-door studio with the streams and zoological garden. Lake Worth and similar places are visited on the longer trips.

24. **Advanced Design and Color** 6 semester hours.
M. W. F. 1:00 to 3:00.
Prerequisite: Art 11. *No extra fee.*

The fundamentals of design. The making of units, borders and surface patterns. The analysis of plant, bird and animal forms. The invention of new forms from nature motifs and their application to practical problems. The making of wood block prints. The study of the origins of ornament and the historic development of design. Work will be done in black and white, and in color.

124. **Landscape Composition** 3 semester hours.
Two three-hour periods a week. Tuition $25.00 for nine weeks. Studio fee $2.25 per semester.

Second half of fall semester and first half of spring semester. This course is a continuation of the landscape course, and will offer ample opportunity to work up some of the material collected out-of-doors in the fall semester, while at the same time it will prepare the student for a more mature outlook in the spring landscape work. The principles of composition. The study of lines and masses as related to pictorial compositions. The work is all of an original nature, done as laboratory work, to illustrate principles given in assignment.

25. **Art Appreciation** 6 semester hours.
M. W. F. 9:00. *Session.*
No extra tuition.
Offered in 1932-'33 and alternate years.

Designed to develop intelligent observation and to acquaint the student with the world's masterpieces in the space arts. The course consists of lectures, assignments, reports, and the preparation of an illustrated note book. The laboratory method is used in analyzing and discussing the masterpieces of painting, sculpture and architecture through printed reproductions. Naturalism, idealism, imitation, interpretation, etc., will be taken up in logical order, as well as various elements underlying all art. Open to students of all departments.

26. China Painting

Time to be arranged. *Tuition $40.50 per semester.*
Firing fee $9.00 per semester.
Studio fee $2.25 per semester.

Prerequisite or concurrent: Art 24.

The designing and execution of the decoration of china is an art that is both practical and aesthetic. This department has an especially trained instructor, and is well equipped with all materials at hand for complete and finished work.

27. Commercial Art 6 semester hours.

T. T. S. 9:00 to 11.00. Session. Studio fee $2.25 per semester.
Three two-hour periods a week. Tuition $50.00 per semester.

Advanced drawing in line and with simple values. Color theory. Discussions of the various processes of reproduction for commercial purposes. The assignments will be of a professional nature. Newspaper work, caricaturing, and cartooning, magazine and poster work.

Mediums: Pencil, ink, charcoal, tempera, and water color.

32. Drawing and Painting 6 semester hours.

Two sections. M. W. F. 1:00 to 3:00; T. T. S. 10:00 to 12:00.
Junior Year. Tuition $50.00 per semester.
Three two-hour periods a week. Studio fee $2.25 per semester.

Advanced drawing from casts in charcoal. Full length cast and figure drawing. Problems in perspective. Advanced still-life painting of progressive arrangements in oil. Problems in composition of objects, figures and landscape. Painting of portrait studies in oil. Landscape sketching in oil.

34. Interior Decoration 6 semester hours.

T. Th. S. 8:00. *Session.*
No extra tuition. *Studio fee $2.25 per semester.*

The course consists of lectures, library references, and assigned classroom work. The principles of design as applied to home decoration. The reading and making of floor plans. Selecting and planning of color schemes. The historic art periods and the ideas which they represent are studied and applied to modern decorative

needs. Home economics students especially should enroll for this work. Note book.

35. Art History 6 semester hours.

Session. ***No extra tuition.***

Offered in 1933-'34 and alternate years.

The history of architecture and sculpture will be given during the first semester and the history of painting during the second semester. The course consists of lectures, assignments, collateral readings, classroom discussions, and the preparation of an illustrated note book. There will be frequent exhibits of cuts, reproductions, and originals.

42. Drawing and Painting 6 semester hours.

Two sections. M. W. F. 1:00 to 3:00; T. T. S. 10:00 to 12.00.
Senior Year. ***Tuition $50.00 per semester.***
Three two-hour periods a week. ***Studio fee $2.25 per semester.***

The work of the senior year is as far as possible, of a professional nature. Special problems in composition, arrangement, and color harmony. Advanced perspective drawing. Advanced figure drawing. Still-life painting from the student's own arrangement of objects that are related in size, shape and color. Complete portraits are painted in oil. Landscape studies and composition in oil.

A Children's Drawing Class.

S. 8:00-11:00 a. m. *Tuition $15.00 per semester.*

For the convenience of high school students and those who cannot pursue the regular work, a Saturday morning class has been arranged. The students work from costumed models with the regular drawing class. Special fundamental assignments are made when necessary.

Rates of Tuition, Fine Arts

Private lessons, two half-hours per week.

	Fall.	Spring.
Piano (Mr. Guelick)	**$81.00**	**$81.00**
Piano (Miss Bailey)	63.00	63.00
Piano (Miss Boyd)	54.00	54.00
Voice (Mrs. Cahoon)	90.00	90.00
Voice, *Group Lessons (Mrs. Cahoon)	30.00	30.00
Voice (Assistant)	54.00	54.00
Violin (Mr. Sammis)	**72.00**	**72.00**

Special rates to children under assistants made upon application.

Miscellaneous Courses

For private lessons in theory of music, ear-training, and dictation, form and analysis, harmony, keyboard harmony, ensemble, advanced form and analysis, counterpoint, history of music, orchestration, piano normal, composition, canon and fugue: Fall, $36.00; spring, $36.00.

Piano Practice

	Fall.	Spring.
One hour a day	**$ 6.30**	**$ 6.30**
Two hours a day	**9.00**	**9.00**
Three hours a day	**13.50**	**13.50**

Art Department

	Fall.	Spring.
Drawing and Painting	**$50.00**	**$50.00**
Part Time 2/3 Time	37.50	37.50
1/2 Time	30.00	30.00
1/3 Time	18.75	18.75
China Painting	**40.50**	**40.50**
Landscape (9 weeks)	**25.00**	**25.00**
Landscape Composition (9 weeks)	25.00	25.00
Children's Drawing Classes	15.00	15.00
Firing fee	**9.00**	**9.00**
Studio fee for courses so marked	2.25	2.25

No reduction for double time.

**Group lessons* are arranged for four students together for one hour.

The GRADUATE SCHOOL

FACULTY

EDWARD MCSHANE WAITS, A. B., LL. D.
President of the University.

COLBY D. HALL, A. B., A. M.
Dean of the University and of Brite College of the Bible.

JOHN LORD, A. B., A. M., Ph. D.
Dean of the Graduate School, Professor of Government.

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CHARLES IVAN ALEXANDER, B. S., M. S., Ph. D.
Assistant Professor of Geology.

MARGARETHA ASCHER, A. B., A. M., Ph. D.
Associate Professor of German.

F. E. BILLINGTON, A. B., A. M., B. D., Ph. B., M. R. E.
Professor of Christian Ministries.

M. D. CLUBB, A. B., Ph. D.
Professor of English.

JOSIAH H. COMBS, A. B., Docteur de l'Universite de Paris.
Professor of Modern Languages.

EDWIN A. ELLIOTT, A. B., B. B. A., A. M., Ph. D.
Professor of Economics.

NEWTON GAINES, B. S., M. A., Ph. D.
Associate Professor of Physics.

W. J. HAMMOND, A. B., A. M., Ph. D.
Associate Professor of History.

FRANKLIN G. JONES, A. B., M. A.
Professor of Secondary Education.

CLINTON LOCKHART, A. B., A. M., Ph. D.
Professor of Old Testament and Semetics.

ERRETT WEIR MCDIARMID, A. B., A. M.
Professor of Philosophy.

WILLIAM CHARLES MORRO, A. B., M. A., B. D., Ph. D.
Professor of New Testament.

CHARLES H. ROBERTS, A. B., A. M.
Professor of History.

GAYLE SCOTT, A. B., M. S., Dr. es Sc.
Professor of Biology and Geology.

RAYMOND A. SMITH, A. B., A. M., B. D.
Professor of Education.

WILLIAM C. SMITH, A. B., A. M., Ph. D.
Professor of Sociology.

RAYMOND L. WELTY, B. S., M. A., Ph. D.
Associate Professor of History.

J. LAURENCE WHITMAN, A. B., M. S., Ph. D.
Professor of Chemistry.

WILL MCLAIN WINTON, B. S., M. S., F. A. A. S.
Professor of Biology and Geology.

Committees

Advisory Committee:

Dean Lord, Chairman.

Professors Hammond, R. A. Smith, Clubb, Gayle Scott.

Examining Committee:

Dean Lord, Chairman.

Students' Major and Minor Professors, Faculty Representative.

The President and Dean of the University are ex-officio members of all committees.

THE GRADUATE SCHOOL

HISTORY

In the early years of this institution, when opportunities for graduate study were very slight in the Southwest, and travel was difficult, earnest attempt was made to bring opportunity to the many who desired higher learning beyond the Bachelor's degree. Dr. J. W. Lowber, a scholar of broad learning and numerous degrees and titles, conducted advanced courses partly by correspondence, partly by lectures and assigned readings. During the decade from 1891 to 1900, thirty-eight graduate degrees were conferred: of these, twenty-seven were M. A., eight, LL.D., three Ph.D. A goodly number of these graduates are known to have rendered scholarly service fully worthy of the titles bestowed, and the entire effort, limited as it was by early conditions, deserves the recognition of a worthy piece of educational enterprise. Dr. Lowber was a pioneer in foreseeing two demands, which have come to be recognized in the later years and have been met in the Southwest in ever-enlarging measure, both graduate work and extension work.

After 1900 this extension work was discontinued. For twenty years the M. A. degree was granted occasionally to students who, under the direction of selected professors, had carried on some advanced work of more or less graduate nature.

With the constantly rising standards in the educational world, the faculty became more conservative even than before in undertaking to offer graduate courses in an institution primarily designed and equipped for undergraduate work. The demand for higher degrees, however, increased insistently. During the period from 1920 to 1926 about five Master's degrees a year were granted, and several times that many applicants for courses were not accepted. Meanwhile the faculty was carefully stiffening the restrictions, developing courses, improving the equipment, so as to insure the high quality of the limited offerings.

Several forces operated toward a decision in 1926 to establish a distinct graduate school. One was the foundation of several years of preparation, which put the success of the work beyond experimentation. Another was the assurance of sufficient funds to justify the permanence of

such a school, as well as adequate library and laboratory equipment. Another factor was the requests of many of the alumni, and other college graduates, for further study, proving a genuine demand.

Finally it was felt that if the whole level of education was to be raised in the great Southwest, more opportunity for graduate work must be provided within the territory itself. History reveals that students never go in large numbers long distances for schooling, either undergraduate or graduate. And graduate students in large numbers are now being required in the Southwest.

Texas Christian University maintains its graduate school therefore, in a spirit of conservation, with full confidence that it is meeting a need of this educational area, and that it will fulfill its mission in a way that will do credit, not only to its own high traditions, but to the best standards in the educational world.

ADMISSION

Graduates of colleges and universities of recognized standing are admitted to the graduate school.

All applications for admission must be approved by the Dean of the Graduate School. Applications from other institutions than Texas Christian University must file with the dean an official transcript of undergraduate work before being admitted to the Graduate School.

Admission to the Graduate School does not necessarily imply candidacy for a degree.

PREREQUISITES

In all departments, a minimum prerequisite of twenty-four semester hours is required of all graduate students in their major field, six semester hours of such prerequisite must be in the 40's or 50's. A minimum prerequisite of eighteen semester hours is required of all graduate students in their minor field, six semester hours of such prerequisite must be in the 30's or 40's.

Credit by advanced standing to satisfy prerequisites for graduate work must be completed before the candidate is admitted to graduate work. Any student lacking prerequisites in a given field required for graduate work must

immediately enroll in the course required to satisfy such prerequisites, and must obtain credit on the course before he will be granted credit in the graduate courses for which he has enrolled.

REGISTRATION

Graduate students will register in the office of the Graduate Dean at the opening of each semester or summer session. The student's program of study must have the approval of the Dean and Major and Minor Professors. Work taken before such approval will not be accepted for graduate work.

CANDIDACY

A student may become a candidate for a Master's degree only with the approval of the Advisory Committee. The applicant must fill out a blank form, provided for the purpose, which must be presented to the Dean at the time of registration.

DEGREES

The requirements for the Master of Arts or Master of Science are:

1. A Bachelor's degree from Texas Christian University or from another institution of recognized standing.

2. Resident work in the University for at least 35 weeks. No work taken *in absentia* or by correspondence may count on a Master's degree. A minimum of 30 semester hours, and whatever additional work in any course a teacher may require in order to satisfy the requirements for the degree. The courses for the degree must all be of senior or graduate rank; must have been passed with a grade of B or more, and must have been taken after the completion of 120 semester hours for the Bachelor's degree.

3. The student must select a major and minor subject, the combination to be approved by the Dean and major and minor professors. Ordinarily the major subject should represent about three-fifths of the entire course.

4. The thesis subject must (1) be approved by the Major Professor not later than two weeks following the student's acceptance to candidacy; (2) the thesis material must be

gathered and the thesis developed under the guidance of the Major Professor; (3) if a research or problem thesis be chosen, for which a maximum of six semester hours' credit may be allowed, the student must show ability to do careful research work and to make use of available source material; (4) in a more general thesis, for which no semester hour credit is allowed, the student must show familiarity with the subject-matter of the field in which the thesis is chosen, and must show ability to investigate and to treat his subject with a fair degree of completeness; (5) it must indicate ability and accuracy in composition. The first draft of the thesis must be submitted not less than two months before Commencement Day. Two final copies of the thesis, approved by the student's major professor, must be in the hands of the Dean of the Graduate School before the student will be admitted to examination. Printed instructions as to the form of the thesis may be obtained at the office of the Graduate Dean.

EXAMINATIONS

All candidates for the Master's degree must take a final oral examination covering all work taken for the degree, including the thesis, before an examining committee composed of those under whom he has studied, with the addition of a faculty member appointed by the Dean of the University. The examination may not take place later than two weeks before Commencement Day. Any graduate student who fails in a final oral examination for the Degree will not be allowed to take another examination within nine months; the same rule will apply to a failure in any written examination in a graduate course.

FELLOWSHIPS AND SCHOLARSHIPS

A number of teaching Fellowships and Graduate Scholarships will be available each year. These vary with the requirements of the departments. A student who shows exceptional ability in some department of study and who is a candidate for the Master's degree, may be eligible for the appointment. Neither the fellowship nor the scholarship carries exemption from paying tuition.

TUITION AND FEES

For tuition rates and other fees, consult the general statements for the University, page 80. The rates are the same as for undergraduate work.

COURSES OF INSTRUCTION

Note: Description of many of these courses will be found also in the College of Arts and Sciences section of the catalog.

BIBLE

Graduate courses are offered in the Brite College of the Bible, and count toward the degree of B. D. or M. R. E.

CHEMISTRY

51ab. Qualitative Organic Analysis and Organic Synthesis — 6 semester hours.
Staff.

52ab. Quantitative Organic Analysis and Advanced Organic Synthesis — 6 semester hours.

53. Special Problems in Chemistry

154. Colloid Chemistry — 3 semester hours.
Mr. Whitman.

160. Phase Rule — 3 semester hours.
Mr. Whitman.

60. Research in Chemistry — 6 semester hours.

ECONOMICS

50. Agricultural Economic Principles and Problems — 6 semester hours.
T. T. S. 10:00. *Session.* *Mr. Elliott.*

151. History of Economic Thought — 3 semester hours.
Fall. *Mr. Elliott.*
Not offered 1932-'33.

152. Value and Distribution — 3 semester hours.
Spring. *Mr. Elliott.*
Not offered 1932-'33.

153. The Economics of Consumption — 3 semester hours.
M. W. F. 9:00. *Spring.* *Mr. Elliott.*

60. Thesis — 6 semester hours.

61. Economic Seminar — 6 semester hours.
Hours to be arranged. — *Mr. Elliott.*

EDUCATION

50. Advanced Educational Psychology — 6 semester hours.
M. 7:00-10:00 p. m. *Session.* — *Mr. Smith.*

51. Educational Administration — 6 semester hours.
Mr. Smith.
Not offered 1932-'33.

151. Principles of Curriculum Construction — 3 semester hours.
8:30 daily. *Summer 1932.* — *Mr. Smith.*

157. Measurements in Secondary Education — 3 semester hours
Not given summer 1932. — *Mr. Jones.*

Soc. 157. Education Sociology — 3 semester hours.
Not offered in summer 1932 — *Mr. Lord.*

156. Extra-Curricular Activities for High Schools and Junior Colleges — 3 semester hours.
9:30 daily. *Summer 1932.* — *Mr. Jones*

60. Thesis Seminar
Hours and credit to be arranged.

65. The Junior College — 6 semester hours.
Th. 7:00-10:00 p. m. *Session.* — *Mr. Smith.*
Prerequisite: Soc. 24 and educational principle and educational psychology.

ENGLISH

50. The English Language (Formerly 41) — 6 semester hours.
M. W. F. 8:00. — *Mr. Clubb.*

51. English Drama — 6 semester hours
Not offered in 1932-'33. — *Mr. Clubb.*

53a. Milton — 3 semester hours.
Not offered in 1932-'33. — *Mr. Clubb.*

53b. English Literature of the 18th Century — 3 semester hours.
Not offered in 1932-'33. — *Mr. Clubb.*

54a. Chaucer — 3 semester hours.
T. T. S. 11:00 — *Fall.* — *Mr. Clubb.*

54b. Spenser — 3 semester hours.
T. T. S. 11:00. — *Spring.* — *Mr. Clubb.*

60. Thesis Seminar — 6 semester hours.
Mr. Clubb.

FRENCH

150. The Renaissance — 3 semester hours.
Fall. — *Mr. Combs.*
Offered 1933-'34 and alternate years.

151. The Classic School — 3 semester hours.
Spring. — *Mr. Combs.*
Offered 1933-'34 and alternate years.

51. The Romantic Movement — 6 semester hours.
Mr. Combs.
Offered 1933-'34 and alternate years.

54. The Chanson de Roland
Hours to be arranged. — *Mr. Combs.*

60. Thesis Seminar — 6 semester hours.
Hours to be arranged. — *Mr. Combs.*

GOVERNMENT

50. American Constitutional Law — 6 semester hours.
T. Th. S. 11:00. *Session.* *Mr. Lord.*

151. Principles and Problems of International Law — 3 semester hours.
M. W. F. 8:00 *Fall.* *Mr. Lord.*

152. International Relations — 3 semester hours.
M. W. F. 8:00 *Spring* *Mr. Lord.*

153. European Political Theory — 3 semester hours.
Fall.
Not offered 1932-'33.

154. European Political Theory — 3 semester hours.
Spring.
Not offered 1932-'33.

155. American Political Thought — 3 semester hours.
Offered in summer 1933. *Mr. Lord.*

60. Thesis Seminar
Hours to be arranged. *Staff.*

DEPARTMENT OF GREEK

51. Greek Exegesis — 6 semester hours
Session. *Mr. Morro.*
Offered in 1933-'34 and alternate years.

52. Classical Greek — 6 semester hours.
Session. *Mr. Lockhart.*
Offered at such times as required.

Readings in selected authors, including Xenophon, Homer, Plato, etc.

HISTORY

150. Organization and Writing of History — 3 semester hours.
M. W. F. 8:00. *Fall.* *Mr. Roberts.*

51. History of the Far East — 6 semester hours.
T. T. S. 9:00. *Mr. Roberts.*

52. World History Seminar
M. W. 10:00.

151. **Brief History of the Far East** 3 semester hours.
Not offered in summer 1932. *Mr. Roberts.*

53. **Latin American History** 6 semester hours.
T. T. S. 8:00. *Mr. Roberts.*

53b. **Relations of the United States and Latin America** 3 semester hours.
7:30 daily. *Mr. Hammond.*
Offered in summer 1932.

55a. **Revolutionary Period in Europe, 1789-1815** 3 semester hours.
Offered in summer 1933. *Mr. Welty.*

55b. **Contemporary European History, 1870 to present** 3 semester hours.
9:30 daily. *Mr. Welty.*
Offered in summer 1932.

156. **History of the Foreign Relations of the United States** (Formerly 146) 3 semester hours.
Not offered summer 1932. *Mr. Welty.*

57. **History of the Near East** 6 semester hours.
Offered 1933-'34 alternating with history 51. *Mr. Roberts.*

157. **Brief History of the Near East** 3 semester hours.
Not offered in Summer 1932. *Mr. Roberts.*

60. **Thesis Seminar** 6 semester hours.

64. **Recent American History** 6 semester hours.
Not offered in 1932-'33.

a. From civil war to end of century.
b. The United States in the twentieth century.

An intensive study of selected topics in the political, economic and social history of these periods. It will include lectures and reports. Each student is expected to prepare a term paper presenting the results of original research.

165. **Seminar in American History** 3 semester hours.
Hours to be arranged. *Fall* *Mr. Welty.*
Selected topics in the history of Trans-Mississippi.

166. **Seminar in American History** 3 semester hours.
Hours to be arranged. *Spring.* *Mr. Welty.*
Selected topics in the recent history of the United States.

PHILOSOPHY

50. Advanced Philosophical Studies — 6 semester hours.
M. W. F. 2:00. — *Mr. McDiarmid.*

51. Seminar — 6 semester hours.
M. W. F. 9:00. *Session.* *Mr. Lockhart.*
Not offered in 1932-'33.

RELIGIOUS EDUCATION

Graduate courses in Religious Education are offered in the Brite College of the Bible, and count toward the degrees of B. D. or M. R. E.

SEMITICS

60. Hebrew II Reading and Syntax — 6 semester hours.
M. W. F. 9:00. *Session.* *Mr. Lockhart.*

71. Arabic, Beginning — 6 semester hours.
Offered as needed — *Mr. Lockhart.*

72. Assyrian — 6 semester hours.
Offered as needed — *Mr. Lockhart.*

SOCIOLOGY

153. The Community — 3 semester hours.
Hours to be arranged. *Spring.* *Mr. W. C. Smith.*

154. Races of Nationalities in America — 3 semester hours.
M. W. F. 8:00. *Fall.* *Mr. W. C. Smith.*

155. Anthropology — 3 semester hours.
M. W. F. 8:00. *Spring.* *Mr. W. C. Smith.*

157. Educational Sociology
W. 7:00 p. m.

158. Social Christianity — 3 semester hours.
W. F. 1:00-2:30 *Fall.* *Dean Hall.*

60. Research Seminar
Hours and credits to be arranged. — *Mr. W. C. Smith.*

Note: Course 154 or 157 and either 151 or 153 will be offered one evening each week, if there is sufficient demand. The final decision as to the courses will depend upon the needs and interests of the class.

SPANISH

For description of these courses consult the Department of Modern Languages (Spanish), in the College of Arts and Sciences, this catalog.

51. **Modern Drama** 6 semester hours.
Offered in 1933-'34 and alternate years. *Miss Ascher.*

52. **Modern Non-Dramatic Literature** 6 semester hours.
Not offered in 1932-'33. *Miss Ascher.*

Poetry, the essay, and contemporary fiction.

152. **The Cid** *Fall.* 3 semester hours.
Not offered in 1932-'33. *Miss Ascher.*

153. **Don Quixote** *Spring.* 3 semester hours.
Not offered in 1932-'33. *Miss Ascher.*

60. **Seminar** 6 semester hours.
(Formerly 54)
Hours to be arranged. ***Miss Ascher and Mr. Combs.***

Research preparation for thesis.

REGISTER OF STUDENTS

REGISTER OF GRADUATING CLASSES FOR SESSION OF 1930-31

The following had the degree specified conferred upon them.

CLASS OF JUNE 1, 1931

Master of Arts.

Adams, Lucy Harding....Fort Worth
Bradford, Mrs. Henry....Fort Worth
Ellis, Mrs. Lloyd....Fort Worth
Greer, Virginia....Fort Worth
Griffith, John T....Seminary Hill
Hurley, Mosely....Fort Worth
Isbell, C. C. Jr....Hillsboro
Jones, Grace....Weatherford
Lee, Ira B....Fort Worth
Rogers, William J....Fort Worth
Shelburne, Elizabeth....Sherman

Master of Science.

Grubbs, Howard....Kemp
Smith, John Peter....Weatherford
Stroud, Brasher....Fort Worth

Bachelor of Arts.

Adams, Mary....Fort Worth
Anderson, Frances....Merkel
Arnold, Mrs. J. E., *cum laude*....Fort Worth
Atchley, Carroll....Fort Worth
Austin, Bernice....Fort Worth
Baker, Anna Beth....Lampasas
Barclay, Laura Lee....Fort Worth
Barr, Mildred H....Kaufman
Bodiford, Lowell, *summa cum laude*....Fort Worth
Blankenship, Betty Lee, *cum laude*....Fort Worth
Bouldin, Maxine, *magna cum laude*....Fort Worth
Boyd, J. C. Jr....Fort Worth
Bridges, Mary Louise....Glen Rose
Bright, J. B., *magna cum laude*....Cleburne
Brock, Winona....Siloam Springs, Ark.
Brooke, Frederick....Waco
Bruce, Vida....Weatherford
Brumbelow, Lester....Jacksboro
Cardona, Provita, *cum laude*....Ponce, Porto Rico
Cartwright, Charles....Fort Worth
Chappell, Ellsworth....Fort Worth
Clendenen, Trula....Fort Worth
Coker, Elizabeth....Fort Worth
Colvin, Mildred....Fort Worth
Copeland, Lewis, *magna cum laude*....Houston
Crews, Helen F....Dallas
Crow, Chester....Austin
Davidson, Opal....Mineral Wells
Dees, Helen....Fort Worth
DeWees, Lois....Fort Worth
Douglass, Loyd, *magna cum laude*....Dallas
English, Aline....Fort Worth
Evans, Carl....Fort Worth
Foreman, Lois....Thorp Spring
Fowler, Zada....Temple
Fulford, Elizabeth....Fort Worth
Fulmer, Anne....Vidalia, Georgia
Gooden, Opal, *magna cum laude*....Fort Worth
Griffing, Lamar, *summa cum laude*....Jacksonville, Florida
Hall, Bita May, *summa cum laude*....Fort Worth
Hill, Frances....Ennis
Holland, Louis Todd....Saint Jo
Hughes, Frank....Fort Worth
Jernigan, Lou Alice....McCrory, Ark.
Johnson, Ruth, *summa cum laude*....Fort Worth
Jones, Angeline, *cum laude*....Dallas
Langston, Lewis....Fort Worth
Langston, Rita, *cum laude*....Fort Worth
Lowry, Ruth....Fort Worth
Lundberg, Lillian....Fort Worth
Lusk, Ruby....McKinney
McDiarmid, John, *magna cum laude*....Fort Worth
McPhail, Virginia Belle....Fort Worth
Madeley, Omera, *magna cum laude*..Temple
Martin, Kenneth....San Antonio
Martin, Ruth L....Fort Worth
Mercey, Betty Yater....Fort Worth
Moore, Lucille E....Fort Worth
Morro, Helen, *summa cum laude*....Fort Worth
Nance, Margie Lynn, *summa cum laude*....Gainesville
Pannill, Adeline....Fort Worth
Pyland, Mrs. Anna Mae....Fort Worth
Ray, Leta, *summa cum laude*....Fort Worth
Reynolds, Inez, *cum laude*....Houston
Rhodes, Mildred Lee....Fort Worth
Rice, Elizabeth....Fort Worth
Roberts, Marie, *summa cum laude*....Fort Worth
Rogers, Caroline Louise....Fort Worth
Sandidge, Howard, *cum laude*..Fort Worth
Sandifer, Perry A., *cum laude*....Decatur
Saunders, Jane....Fort Worth
Saunders, Virginia Lou....McKinney

Bachelor of Arts—(Continued).

Schell, Margaret.....Fort Worth
Scott, Louise.....Graham
Smythe, Leslie G. (As of 1926).....
.....Ardmore, Okla.
Snow, Noel, *cum laude*.....Fort Worth
Stephenson, Vera Bell, *summa cum laude*
.....Houston
Tadlock, Maggie, *cum laude*.....Fort Worth
Thompson, J. Alton.....Graham
Truby, Geraldine.....Fort Worth
Veale, Frances.....Breckenridge
Weaver, Cora Pearl.....Fort Worth
Whitener, Sheila Grace, *cum laude*.....
.....Fort Worth
Williams, Jay D.....Fort Worth
Williams, Kathryn, *magna cum laude*....
.....Fort Worth
Wilkinson, Gladys, *cum laude*.....Dallas
Winters, Una Elizabeth.....Fort Worth
Wolfenden, James.....Tucson, Arizona
Zeloski, Frances.....Fort Worth

Bachelor of Science.

Barlow, Robert L, *magna cum laude*.....
.....Fort Worth
Burkett, Ella Mae.....Fort Worth
Carrell, Charles Howard, *summa cum laude*
.....Godley
Carrell, William Louis.....Godley
Clardy, LeRoy, *cum laude*.....Fort Worth
Copeland, Gordon.....Cleburne
Faris, Burt Froment, *summa cum laude*
.....Fort Worth
House, Mary Margaret, *magna cum laude*
.....Fort Worth
Jackson, Catherine.....Fort Worth
Lace, William Theodore.....Burleson
Robinson, Rita Alice.....Waco
Van Zandt, Gertrude, *summa cum laude*
.....Fort Worth
Williamson, Cyril C.....Fort Worth

Bachelor of Education.

Atkins, Noble.....Crystal Falls
Eury, Roy.....Fort Worth
Lewis, Tex Anna, *magna cum laude*.....
.....Fort Worth
Mahlen, Ruth.....Shreveport, La.
Maury, Eleanor.....Fort Worth
Meggs, Mildred.....Fort Worth
Murphy, Mrs. Helen.....Fort Worth
Wilkerson, Juanita.....Fort Worth

Bachelor of Business Administration.

Ashley, David.....Fort Worth
Atkins, Noble.....Crystal Falls
Barrett, A. T., Jr.....Fort Worth
Bedford, D. R.....Fort Worth
Bosley, Sterling.....Fort Worth
Buckley, Leo.....Holland
Dacus, James.....Fort Worth
Elliott, Hansford, *cum laude*..Grand Saline
Eury, Roy.....Fort Worth
Evans, John Porter.....Handley
Golston, Frances.....Brownwood
Hodges, Harmon J.....Fort Worth
Leuthstrom, Worth.....Fort Worth
McDaniel, Robert S., *cum laude*.....
.....Little Rock, Ark.
Milling, Elmo.....Fort Worth
Muse, Nell.....Dallas
Norris, Jim Gaddy.....Fort Worth
Nugent, William Donald.....Maypearl
Pierce, Texora.....Breckenridge
Pratt, William Chase.....Cooper

Bachelor of Music.

Farmer, Evangeline.....Fort Worth
Fretwell, Launa, *summa cum laude*.....
.....DeLeon
Hayes, Edith.....Fort Worth
Jenkins, Helen, *summa cum laude*.....
.....Houston
Lawrence, Thelma, *cum laude*....Fort Worth
McLamore, Valerie, *cum laude*.....Seymour
Miller, Lura Fay, *summa cum laude*.....
.....Cleburne
Monnig, Margaret.....Fort Worth
Neeb, Adalynn.....Fort Worth
Reeves, Allah.....Fort Worth
Shaw, Mota Mae.....Amarillo
Spratt, Wilma, *cum laude*.....Fort Worth
Strayhorn, Elizabeth.....Fort Worth
Wilson, Madeleine.....Fort Worth
Worley, Elizabeth.....Fort Worth

CLASS OF AUGUST, 1931

Master of Arts.

Boley, Reginald.....Fort Worth
Busby, E. B.....Fort Worth
Edens, H. J.....Fort Worth
Dunkelberg, K. W.....Fort Worth
Dodson, Pat.....Handley
Holden, Glen.....Fort Worth
King, William E.....Fort Worth
Kinsey, Juanita.....Wichita Falls

Bachelor of Divinity.

Hutton, Samuel Ward.....Fort Worth
McWilliams, Ed R.....Fort Worth
Robison, Newton J.....Handley

Bachelor of Arts.

Ammons, Mrs. C. N., *magna cum laude*
.....La Porte
Armstrong, Edith.....Fort Worth
Atwood, Felix.....Ennis
Belzner, Jack.....Clifton, Arizona
Childress, Sara E.....Fort Worth
Day, Erel Jeraldine.....Fort Worth
Dowling, Gladys, *cum laude*.....Bryan
Flynt, Madelon.....Fort Worth
Garnett, Emily O., *summa cum laude*.....
.....Glasgow, Ky.
Goodwin, Doyle.....Fort Worth
Gresham, Perry, *summa cum laude*.....
.....Fort Worth
Jackson Berbanette.....Fort Worth
Jarrott, Sue Jo, *cum laude*.....Fort Worth
Johnson, Mozelle, *summa cum laude*.....
.....Winnsboro
McCollum, Pauline.....Fort Worth
Miller, Lillie M.....Fort Worth
Miller, Marjorie, *summa cum laude*.....
.....Lancaster
O'Brien, Charles X.....Fort Worth
Pilgreen, A. T.....Seminary Hill
Robinson, Marjorie Lee.....Forney
Stanton, Mrs. Willie.....Fort Worth
Staude, Elmer V.....Fort Worth
Thomas, Clarence.....Fort Worth
Wilmeth, Jo Brice, *cum laude*..Fort Worth
Woodward, Sam.....Fort Worth

Bachelor of Business Administration.

Rolater, Carl.....Celina
Shaw, Josephine.....Fort Worth

Bachelor of Science.

Bennett, Theo.....Houston
Long, Lucile.....Fort Worth
Pate, Joe.....Puducah

Bachelor of Education.

Butler, Willie Mae.....Fort Worth
Hall, L. Hazel.....Fort Worth
Sellers, Ernest.....Fort Worth

AWARDS OF HONORS AND SCHOLARSHIPS, SESSION OF 1930-31

The basis of the awards is explained in the catalog. The Scholarships are for use in the session of 1931-32.

To the Freshman Class of 1930-31

The Eula Lee Carter Scholarship, $150.00—Martha V. Arnold.

To the Sophomore Class of 1930-31

Pre-Junior Scholarships, value $150.00.

Milton Mehl	4.00	Mae Housel	3.52
William Lee Fellows	3.64	Marion L. Hicks	3.47
Mozelle Bryant	3.60	Doris Sellers	3.42
John Hays Hammond	3.60	Howard M. Fitch	3.19
Cora Lyle Ellis	3.55		

To the Junior Class of 1930-31

The Wyatt C. Hedrick Scholarship, $250.00, for the highest grades through three years to

Clotilda Houle 3.96

Position of Assistant in Mathematics:

Ina May Bramlett 3.93

Honorable Mention:

Thelma Breithaupt 3.81
Marian Howrey 3.76

To the Senior Class of 1930-31

For "cum laude" awards see catalog of names of the graduating class.
Graduate Scholarships, $150.00.

Bita May Hall	4.00	Lura Fay Miller	3.70
Marie Roberts	3.95	Helen Jenkins	3.65
Leta Ray	3.93	Ruth Johnson	3.63
Perry Gresham (August)	3.88	Launa Fretwell	3.62
Vera Bell Stephenson	3.85	Lesbia Word	3.55
Lowell Bodiford	3.77	Froment Faris	3.54
Gertrude Van Zandt	3.76	Howard Carrell	3.53
Lamar Griffing	3.75	Helen Morro	3.50
Margie Lynn Nance	3.72		

The Scholarship Society of the South

(The one-tenth of the graduating class whose grades are the highest, based on all work except the freshman year, are eligible to the honor of permanent membership in this society.)

From the June Class:

Bita May Hall
Marie Roberts
Leta Ray
Vera Bell Stephenson
Lamar Griffing
Gertrude Van Zandt
Lowell Bodiford
Ruth Johnson
Lewis Copeland
Helen Jenkins
Lura Fay Miller
Howard Carrell
Lesbia Word
Launa Fretwell
Helen Morro

From August Class:

Perry Gresham
Marjorie Miller
Mozelle Johnson
Emily Garnett

Members of the graduating class of August, 1930, who were elected to permanent membership in the Scholarship Societies of the South:

Mrs. R. L. Hutchins
Lillian Hoeflin
Imogene Gatlin
Dorothy Chancy

CANDIDATES FOR GRADUATION IN T. C. U., 1931-32

CLASS MAY 30, 1932—CANDIDATES

Master of Arts.

Chappell, Ellsworth ..... Fort Worth
Chute, Mary L. ..... Fort Worth
Dacus, James A., Jr. ..... Fort Worth
Davis, Elmer ..... Fort Worth
Eickhoff, Maurine ..... Fort Worth
Johnson, Ruth Louise ..... Fort Worth
Lindsay, Hague L. ..... Fort Worth
McDiarmid, John ..... Fort Worth
Staude, Elmer ..... Fort Worth
Wall, Eva ..... Fort Worth
Yarbrough, Mayme Kennedy ..... Fort Worth

Master of Science.

Carrell, Howard ..... Godley
House, Mary Margaret ..... Fort Worth
Jackson, Catherine ..... Fort Worth

CANDIDATES—Bachelor of Arts, 1932.

Anderson, J. F. ..... Fort Worth
Anderson, Lillian ..... Fort Worth
Barrett, Mary F. ..... Fort Worth
Beaver, Robert Melvin ..... Cleburne
Beal, Henry ..... Colorado
Bramblett, Ina Mae ..... Cleburne
Breithaupt, Thelma ..... Mexia
Bryson, Virginia ..... Fort Worth
Carpenter, T. W. ..... Waco
Carter, Brenda ..... Crowley
Conkling, Dorothy ..... Fort Worth
Cooke, Irma ..... Fort Worth
Coulter, Laurence ..... Fort Worth
Davies, Dorothy ..... Fort Worth
Davis, Myrtle ..... Vicksburg, Miss.
Dilliard, Dorothy ..... Fort Worth
Ellis, Maybeth ..... Fort Worth
Eylers, Lillian ..... Shreveport, La.
Fox, Cecile ..... Fort Worth
Frierson, Mary ..... Fort Worth
Gateley, Nancy Jane ..... Fort Worth
Gray, Lois Marie ..... Fort Worth
Green, Vinita ..... Fort Worth
Griffin, Harriet ..... Aledo
Haling, Elbert ..... Fort Worth
Hamlett, Marie ..... Fort Worth
Hanna, Charles E. J. ..... New Orleans, La.
Harris, William S. ..... Fort Worth
Harrison, Oliver ..... Harlingen
Haskins, Zilpha ..... Dallas
Hawkins, Jessie ..... Dallas
Houle, Clotilda ..... Fort Worth
Howrey, Marian ..... Dallas
Hubert, Leo Bertha ..... Fort Worth
Jackson, Charles D. ..... Fort Worth
Jarvis, Jane ..... Fort Worth
Johnson, Siddie Jo ..... Corpus Christi
Jones, H. J. ..... Clarksville
Keller, Dorothy ..... Fort Worth
Kellett, Mary Elizabeth ..... Fort Worth
Knight, Mary Jean ..... Eddy
Lambert, Standard ..... Temple
Largent, Janet ..... McKinney
Laurence, Lamoyne ..... Fort Worth
Lloyd, Jennie ..... Fort Worth
McLean, Dot ..... Fort Worth
Mace, Edward S. ..... Dallas
Male, Elizabeth ..... Fort Worth
Nelson, Al B. ..... Quanah
Poindexter, Mary Lee ..... Fort Worth
Preston, Robert ..... Dallas
Randle, Gibson ..... Ennis
Reed, Norman ..... Fort Worth
Shepherd, Mrs. Martha Bell ..... Fort Worth
Smith, Marian ..... Fort Worth
Smith, Sylvia ..... Amarillo
Spratt, Wilma ..... Fort Worth
Spinks, Mary Louise ..... Fort Worth
Steele, Sarah ..... Greenville
Sullivan, Pat ..... Carpenter, Miss.
Teagarden, Pansy ..... Dallas
Vivrett, Lulu ..... Weatherford
White, Travis ..... Shreveport, La.
Wright, Hal ..... Fort Worth
Wynne, Frank ..... Temple
Yarbrough, Clyde ..... Cameron

Bachelor of Science.

Bush, Walter Holloway ..... McKinney
Henry, Vernola Mae ..... Fort Worth
Jackson, Monroe S. ..... Fort Worth
Jenkins, Jesse ..... Fort Worth
Kitchen, Sam ..... Fort Worth
Oliver, Roy ..... Fort Worth
Roark, Alf ..... Saratoga
Van Zandt, Jere ..... Fort Worth

Bachelor of Science in Home Economics.

Henry, Vernola Mae ..... Fort Worth

Bachelor of Education.

Belzner, Jack.....Clifton, Ariz.
Goodman, Clyde.....Fort Worth
Griggs, Frances.....Fort Worth
Hinton, J. W.....Newton, Kans.
Martin, Othol.....Jacksboro
Ruff, Elizabeth.....Brownsville
Wynne, Frank.....Temple

Bachelor of Business Administration.

Barker, Hayes.....Ballinger
Bass, Worth F.....Fort Worth
Baxter, Troy.....Dublin
Bullington, Earle.....Fort Worth
Cox, Rob Ell.....Anna
Cox, Wills.....Lampasas
Ewing, A. M.....Fort Worth
Fillingim, Dan.....Fort Worth
Gipson, Herschel.....Terrell
Hanks, Tom.....Fort Worth
Hirstine, John.....Fort Worth
Holmes, Janette.....McKinney
Johnson, S. Fletcher.....San Saba
Lacy, Kenneith.....Fort Worth
Lacy, Weldon.....Fort Worth
Livingston, Murray.....Fort Worth
McMordie, Frank.....Dallas
Musgrove, Gordon B.....Houston
Ruff, John.....Fort Worth
Shackleford, Malcolm.....Fort Worth

Bachelor of Music.

Adams, Ola W.....Fort Worth
Doss, Rowena.....Weatherford
Lester, Lettie Louise.....Fort Worth
Lochhead, Alva.....Fort Worth
Rhodes, J. Clark.....Fort Worth
Smith, Velma.....Tyler
Watkins, James T.....Fort Worth

ENROLLMENT OF ENTIRE STUDENT BODY FOR SESSION, 1931-32.

Each student is listed in the College or School where most of his work is done. No name is repeated.

Each student is listed according to his classification at time of his matriculation this session.

GRADUATE STUDENTS—Long Session.

Including those of the Graduate School working for the M. A. or M. S. degree, and those of the Brite College of the Bible working toward the B. D. or M. R. E.

Adair, Kelly B.....Handley
Ashburn, Katherine.....Fort Worth
Beckman, Mrs. Myrtle Goforth..Fort Worth
Brous, H. B.....Fort Worth
Brown, Sterling.....Lubbock
Buckner, Robert C.....Vernon
Buckner, Ione G.....Fort Worth
Burgess, Louise.....Fort Worth
Burnett, J. E.....Stephenville
Carrell, Howard.....Godley
Cathey, Elsie.....Fort Worth
Chappell, Ellsworth.....Fort Worth
Chute, Mary L.....Fort Worth
Clardy, LeRoy.....Fort Worth
Cox, Nallie.....Fort Worth
Craig, Eva Blanche.....Handley
Curry, A. R.....Fort Worth
Dacus, James A., Jr.....Fort Worth
Davis Elmer.....Fort Worth
Douglas, Loyd.....Dallas
Dyess, E. E.....Fort Worth
Eppler, Elizabeth.....Fort Worth
Eickhoff, Maurine.....Fort Worth
Farrington, E. S.....Fort Worth
Gordon, James A.....Tarrington, Wyo.
Green, Genevieve.....Fort Worth
Gresham, Perry.....Denver, Colo.
Hall, Bita Mae.....Fort Worth
Harmon, W. P.....Hope, Ark.
Harral, Hellon.....Fort Worth
Henschober, E. E.....Fort Worth
Henson, Elmer D.....Garland
House, Mary Margaret.....Mansfield
Hoy, A. L.....Denton
Jackson, Bertha.....Fort Worth
Jackson, Catherine.....Fort Worth
Jackson, Hazel.....Terrell
Johnson, Ruth Louise.....Fort Worth
Johnston, Frank.....Fort Worth
Ledgerwood, Mrs. H. O.....Fort Worth
Leet, LaVere Olan.....Fort Worth
Lindsay, Hague L.....Fort Worth
McDiarmid, John.....Fort Worth
Martin, Kenneth.....San Antonio
Mulholland, Catherine.....Fort Worth
O'Brien, Charles X.....Fort Worth
Parker, De Rema.....Fort Worth
Reeves, Elmo.....Handley
Robison, Hubert.....Handley
Sandifer, Perry.....Decatur
Smith, G. M.....Fort Worth
Sorrells, J. H.....Fort Worth
Staude, Elmer.....Fort Worth
Stivers, Mrs. E. K.....Fort Worth
Thomas, Frances Eleanor.....Fort Worth
Thompson, Catherine Bradley..Fort Worth
Thompson, Elzy Howard.....Saginaw
Thompson, Joe F.....Fort Worth
Travis, Perry V.....Haslet
Van Zandt, Gertrude.....Fort Worth
Voight, Gordon.....Shreveport, La.
Wall, Eva.....Fort Worth
Welch, Mamie.....Fort Worth
Wentworth, Thomas E.....Fort Worth
Whitener, Sheila Grace.....Fort Worth
Williams, T. Q.....Fort Worth
Willis, S. T.....Fort Worth
Yarbrough, Mayme.....Tyler

The following students have the Bachelor Degree, but are not taking courses toward a graduate degree:

Barnes, Pauline.....Fort Worth
Belzner, Jack.....Clifton, Ariz.
Bostick, Ree.....Fort Worth
Bond, Virginia.....Fort Worth
Clark, John.....Iroan
Downe, Ada.....Fort Worth
Gillmore, H. M.....Fort Worth
Green, Lottie Roe.....Fort Worth
Harwell, Lila Mae.....Fort Worth
Hays, Clarence.....Fort Worth
Hooks, Daniel Edwin.....Iowa Park
Lee, Dallas P.....Fort Worth
O'Neill, Nancy.....Fort Worth
Pannill, William C.....Fort Worth
Sanders, Ralph.....Fort Worth
Smith, Boyce O.....Huntsville
Smith, Mrs. Garie.....Fort Worth
Spratt, Wilma.....Fort Worth
Stockdale, Mrs. E. F.....Fort Worth
Thomas, Calista.....Fort Worth
Willis, Mrs. S. T.....Fort Worth
Worley, Elizabeth.....Fort Worth

GRADUATE STUDENTS IN SUMMER SCHOOL ONLY, 1931.

Including those of the Graduate School working for the M. A., or M. S. degree, and those of the Brite College of the Bible working toward the B. D. or M. R. E.

Alexander, Edna Mae	Fort Worth
Andrews, Mrs. J. B.	Fort Worth
Boley, T. Reginald	Fort Worth
Boyd, J. C. Jr.	Fort Worth
Busby, Elden B.	Fort Worth
Cole, Ernest W.	Fort Worth
Dacus, Adrian	Fort Worth
Dill, Rea C.	Fort Worth
Dodson, Pat	Handley
Dunkelberg, K. W.	Fort Worth
Green, Juanita	Eldorado, Ark.
Green, M. A.	Eldorado, Ark.
Grubbs, Howard	Kemp
Hackler, Vivien	Mansfield
Henry, R. E. L.	Fort Worth
Holden, Glenn	Fort Worth
Hutton, S. W.	Fort Worth
Joekel, William H.	San Saba
Joyce, William	Fort Worth
Keith, Grace Maxie	Arlington
King, William E.	Fort Worth
Kinsey, Juanita	Wichita Falls
Leissner, F. F.	Fort Worth
Lovette, Maurine M.	Fort Worth
Marshall, Ura Mae	Fort Worth
Murphree, C. W.	Fort Worth
Nelson, Hazel	Fort Worth
Pace, J. G.	Fort Worth
Roberts, Nancy	Fort Worth
Robison, Newton	Handley
Roy, Louise	Fort Worth
Smith, Mrs. Lottie	Fort Worth
Smith, Pauline	Fort Worth
Smith, Raymond C.	Fort Worth
Solomon, Lily	Gainesville
Southern, Paul	Fort Worth
Stovall, Fanjane	Fort Worth
Stroud, Charles B.	Fort Worth
Tinkle, Sybil	Fort Worth
Tomlinson, Lela May	Hillsboro
Turpine, Celeste	Fort Worth
Venning, Mary Laura	Fort Worth
Woolsey, Marjorie	Wichita Falls

The following Summer School students have the Bachelor Degree, but are not taking courses toward a graduate degree:

Armstrong, Edith	Fort Worth
Baker, Mary Virginia	Burleson
Doyle, Mrs. Blanche	Fort Worth
Farmer, Evangeline	Fort Worth
Finch, Helen	Fort Worth
Harrison, Madge	Mansfield
Locker, Mrs. Stacey	Fort Worth
Morgan, Thurman	Hillsboro
Vivrett, Elizabeth	Weatherford
Winniford, Dorothy C.	Handley

SENIORS—Long Session.

Adams, Ola Whitaker	Fort Worth
Anderson, J. F.	Fort Worth
Anderson, Mary Lillian	Fort Worth
Barker, Hayes	Ballinger
Barrett, Mrs. Mary F.	Fort Worth
Bass, Worth Frank	Fort Worth
Baxter, Troy	Dublin
Beal, Henry	Colorado
Beaver, Robert M.	Cleburne
Beeson, Francis Marion	Fort Worth
Bramblett, Ina Mae	Cleburne
Breithaupt, Thelma	Mexia
Bryson, Virginia	Fort Worth
Bullington, Earl	Fort Worth
Butler, Leo T.	Holland
Carpenter, T. W.	Waco
Carter, Bess	Fort Worth
Carter, Mrs. Brenda	Crowley
Conkling, Dorothy	Fort Worth
Conway, Brant	Fort Worth
Cooke, Irma Elizabeth	Fort Worth
Coulter, William Laurence	Fort Worth
Cox, Wills	Lampasas
Crow, Ruth Ann	Fort Worth
Crump, Houston	Graham
Davies, Dorothy	Fort Worth
Davies, Myrtle	Vicksburg, Miss.
Dedmon, Anna Mary	Fort Worth
Dillard, Dorothy	Fort Worth
Dorsey, Floyd	Fort Worth
Doss, Rowena	Weatherford
Dulaney, Doris	Bonham
Ellis, Maybeth	Fort Worth
Evans, Don	Itasca
Ewing, A. M.	Fort Worth
Eylers, Lillian	Shreveport, La.
Fillingim, Dan	Fort Worth
Flickwir, Elva Jane	Fort Worth
Fox, Cecile	Fort Worth
Frierson, Mary Richards	Fort Worth
Gateley, Nancy Jane	Fort Worth
Gibbons, Mabel	Fort Worth
Gipson, Herschel Ray	Terrell
Goodman, F. Clyde	Fort Worth
Gray, Lois Marie	Fort Worth
Green Vinita L.	Fort Worth
Gipson, Herschel Ray	Terrell
Griggs, Frances	Fort Worth
Haling, Elbert	Fort Worth
Hamlett, Marie	Fort Worth

SENIORS—Long Session—(Continued).

1931-32.

Hammond, John D.....Memphis
Hanks, Tom Hansford.....Fort Worth
Hanna, Charles E. J.....New Orleans, La.
Harper, Minnie.....Fort Worth
Harris, Wm. S.....Fort Worth
Harrison, Oliver.....Harlingen
Haskins, Zilpha.....Dallas
Hawkins, Jessie Cornilia.....Dallas
Henry, Vernola Mae.....Fort Worth
Hinton, J. W.....Newton, Kansas
Hinckley, Mrs. Evelyn.....Fort Worth
Hirstine, John.....Fort Worth
Holmes, Janette.....McKinney
Horwitz, Sarah.....Fort Worth
Houle, Clotilda.....Fort Worth
Howrey, Marion.....Dallas
Jackson, Charles.....Fort Worth
Jackson, Monroe Scott.....Fort Worth
Jarvis, Jane.....Fort Worth
Jenkins, Jesse.....Fort Worth
Johnson, S. Fletcher.....San Saba
Johnson, Siddie Jo.....Corpus Christi
Jones, H. J.....Clarksville
Jones, Wallace.....Fort Worth
Keller, Dorothy Mae.....Fort Worth
Kellett, Mary Elizabeth.....Fort Worth
Kelsey, Edith.....Fort Worth
King, Arthur.....El Reno, Okla.
Knight, Mary Jean.....Eddy
Labhart, Cora.....Fort Worth
Lacy, Kenneith.....Fort Worth
Lacy, Weldon.....Fort Worth
Ladd, Mrs. Homer.....Fort Worth
Lambert, Standard.....Temple
Largent, Janet.....McKinney
Laurence, Lamoyne.....Fort Worth
Lavender, Elbert.....Fort Worth
Leland, Cy.....Fort Worth
Lester, Lettie Louise.....Fort Worth
Livingston, Murry.....Fort Worth
Lloyd, Jennie.....Fort Worth
Lochhead, Mrs. Alva.....Fort Worth
Luyster, Leta.....Linnens, Mo.
McConnell, W. E.....Fort Worth
McCulloch, Ray.....Bryan
McLean, Dot.....Fort Worth
McMordie, Frank.....Dallas
Mace, Ed S.....Dallas
Male, Elizabeth.....Fort Worth
Martin, Othol.....Jacksboro
Miller, Percy Vernon.....Fort Worth
Miller, Ruby Jean.....Fort Worth
Moad, C. O.....Fort Worth
Morgan, Opal.....Fort Worth
Murphree, Philo Mae.....Fort Worth
Musgrove, Gordon Bass.....Houston
Nelson, Al B.....Quanah
Norwood, James.....Burleson
Oliver, Roy.....Fort Worth
Pearce, Mrs. Katherine D.....Fort Worth
Poindexter, Mary Lee.....Fort Worth
Preston, Robert A.....Dallas
Randle, Gibson.....Ennis
Ray, Alma.....Fort Worth
Reed, Norman.....Fort Worth
Rhodes, J. Clark.....Fort Worth
Roark, Alf.....Saratoga
Roberts, Noel M.....Indianapolis, Ind.
Ruff, Elizabeth.....Brownsville
Ruff, John.....Fort Worth
Shackleford, Malcolm.....Fort Worth
Shepherd, Mrs. Martha Bell.....Fort Worth
Simmons, Mary Emma.....Fort Worth
Smith, Marian.....Fort Worth
Smith, Sylvia.....Amarillo
Smith, Velma.....Tyler
Spinks, Mary Louise.....Fort Worth
Steele, Sarah.....Greenville
Sullivan, Pat.....Carpenter, Miss.
Summers, Mel R.....Brownwood
Teagarden, Pansy.....Dallas
Van Zandt, Jere.....Fort Worth
Vaughan, Helen.....Fort Worth
Vivrett, William.....Denton
Walker, Mrs. C. L.....Fort Worth
Watkins, James T.....Fort Worth
Weatherly, A. D.....Panhandle
West, B. F.....Fort Worth
White, Travis.....Shreveport, La.
Williams, Ida Mae.....Fort Worth
Winter, Margaret D.....Fort Worth
Witherspoon, Mary Louise.....Fort Worth
Wright, Hal.....Fort Worth
Wynne, Frank T.....Temple
Yarbrough, Clyde.....Cameron

Seniors in Summer School Only, 1931.

Ammons, Ada Albright.....La Porte
Bennett, Theo E.....Fort Worth
Butler, Willie Mae.....Fort Worth
Carter, Mary Ellis.....Kennedale
Cherry, J. Blair.....Amarillo
Childress, Sara E.....Fort Worth
Copenhaver, Imogene.....Fort Worth
Day, Erel.....Fort Worth
Dowling, Gladys.....Bryan
Driver, Dayle.....Wink
Eddleman, James.....Weatherford
Ellis, Bettie.....West
Flynt, Madelon.....Fort Worth
Garnett, Emily.....Glasgow, Ky.
Germany, Sibyl.....Greenville
Goodwin, Doyle.....Fort Worth
Greene, Flossie.....Fort Worth
Hall, Lillian.....Fort Worth

Seniors in Summer School—(Continued).

Hallam, Virginia.....Fort Worth
Hutton, Glenn.....Cleburne
Jackson, Berbanette.....Fort Worth
Jarrott, Sue Jo.....Fort Worth
Johnson, Mozelle.....Winnsboro
Jones, Helen Key.....Marietta
Joyes, Mary Griggs.....Fort Worth
Kitchen, Samuel.....Fort Worth
Long, Lucille.....Fort Worth
McCullum, Pauline.....Fort Worth
Martin, Margaret Conner.....Fort Worth
Miller, James.....Graham
Miller, Lillie Mae.....Fort Worth
Miller, Marjorie Mae.....Lancaster
Netherton, Lillian.....Fort Worth
Pickard, Mack.....Weatherford
Rawlins, Virginia.....Ardmore, Okla.
Robison, Marjorie Lee.....Forney
Rolater, Carl.....Celina
Seay, Jessie.....El Paso
Sellers, Ernest.....Fort Worth
Shaw, Josephine.....Fort Worth
Stanton, Mrs. Willie.....Fort Worth
Thomas, Clarence.....Fort Worth
Vawter, William T.....Fort Worth
Vivrett, Lulu.....Weatherford
Wilmeth, Jo Brice.....Fort Worth
Wills, Marie Virginia.....Fort Worth

JUNIORS—Long Session.

1931-32.

Alexander, Jack.....Jayton
Anderson, Katie Ruth.....Fort Worth
Ashford, Katherine.....Wichita Falls
Baker, Hortenz.....Dallas
Baskin, Juanita.....Fort Worth
Beckman, Herman B.....Fort Worth
Blackwell, Osie.....Fort Worth
Boswell, Mrs. Rosa Lee.....Fort Worth
Bowe, Marvolene.....McAllen
Broaddus, Mary.....Colorado
Brown, Jerry.....Fort Worth
Bryant, Mozelle.....Goliad
Cahill, Evelyn.....Bryan
Cain, Mrs. Virginia.....Wichita Falls
Caldwell, Charles.....Bridgeport
Cannon, Mrs. Eunice.....Fort Worth
Carter, Beverly.....Fort Worth
Clark, Helen.....Cisco
Clements, Margaret.....Crowley
Clutter, Mozelle.....Bonham
Cottou, Sam.....Bonham
Craddock, Ethleen.....Seymour
Crump, J. R.....Fort Worth
Curd, Reba Jo.....Wichita Falls
Davis, Sam Wesley.....Waco
Dennis, Hubert.....Memphis
Dickey, William.....Houston
Dirks, Charra.....Fort Worth
Drumm, Jessie Whorton.....Fort Worth
Eberhart, Eunice.....Fort Worth
Edmondson, Floy.....Fort Worth
Edwards, Maxine.....Oakwood
Elias, Dave.....Fort Worth
Ellis, Cora Lyle.....Fort Worth
Engler, Estelle.....Fort Worth
Eppler, Mamie.....Fort Worth
Estes, Margaret Ann.....Fort Worth
Ezzell, Dorothy.....Fort Worth
Farmer, Florence.....Fort Worth
Farmer, Kate.....Fort Worth
Fellows, William.....Fort Worth
Fitch, Howard.....Fort Worth
Flood, William.....Fort Worth
Garnett, Mary Lloyd.....Fort Worth
Garrison, Corinne.....Fort Worth
Gilliam, Mary Louise.....Fort Worth
Gillis, Elizabeth.....Fort Worth
Glasgow, Mrs. E. T.....Fort Worth
Goldthwaite, Annabel.....Fort Worth
Gonder, William.....Sheridan, Wyo.
Green, Harlos.....Fort Worth
Gregory, Edward Le Roy, Jr.....Fort Worth
Guhl, Loree.....Fort Worth
Hall, Helen Ruth.....Fort Worth
Hall, Roland.....Fort Worth
Hallmark, James.....Fort Worth
Hammond, Fred.....Fort Worth
Hammond, John Hays.....Fort Worth
Head, Eunice.....Fort Worth
Hicks, Marion.....Fort Worth
House, Hannah Ann.....Mansfield
Housel, Mae.....San Benito
Hults, Harold.....Fort Worth
Jones, Albert.....Dallas
Jones, Frances.....Fort Worth
Kelly, Dorothy Lee.....Fort Worth
Kennedy, Lucille.....Texarkana
La Due, Glen.....Shamrock
Ligon, Andrew.....Fort Worth
Lipscomb, Katherine.....Fort Worth
Lloyd, Jennie.....Fort Worth
Longan, Opal.....Wichita Falls
McAnn, Addye.....Bethany, La.
McCann, Dorothy.....Fort Worth
McCommas, Irene.....Bynum
McCutcheon, Clayton.....Dallas
McJilton, Eloise Corse.....Fort Worth
McKenzie, Glen.....Temple
McMurtrey, Frances.....Fort Worth
Macios, Arturo C.....Aguascalientes, Mex.
Martin, Frances.....Fort Worth
Martin, Mary Page.....Fort Worth
Martin, Paul Logan.....Fort Worth
Maxwell, Lillian.....Fort Worth

JUNIORS—(Continued).

Mehl, Milton.....Fort Worth
Mennis, Mrs. Dorothy.....Fort Worth
Merrell, Geneva.....Fort Worth
Merritt, Lucy Mae.....De Leon
Miller, Marian.....Waco
Mobley, Mary Louise.....Fort Worth
Moore, Marion.....Fort Worth
Morgan, William C.....Kennedale
Mueller, Harold.....Fort Worth
Mulloy, Jane.....Stephenville
Murphy, Marcus Dean.....Burleson
Nance, Ila May.....Gainesville
Nanny, Thelma.....Paducah, Ky.
Nielson, Otto Richard.....Alamo
Nifong, Harry D.....Mansfield
Norris, J. Frank, Jr.....Fort Worth
Norris, Mrs. J. Frank, Jr.....Fort Worth
Osborn, Jerry.....Glen Rose
Pannill, Helen.....Fort Worth
Pannill, William.....Fort Worth
Parker, Ben.....Breckenridge
Parnell, Maurine.....Wichita Falls
Pearce, Mrs. Katherine.....Fort Worth
Phipps, J. B., Jr.....Fort Worth
Pickett, Keith.....Dallas
Porter, Freda Marian.....Fort Worth
Price, Maxine.....Palacios
Proctor, Dorothea Mae.....Fort Worth
Pruden, Ruth.....Fort Worth
Ragland, Richard.....Handley
Rathbone, Mrs. Gladyse.....Fort Worth
Ratliff, Bennie Sue.....Midland
Reeder, Margaret Ann.....Knox City
Reigle, Edward.....Fort Worth
Roberson, Lennie.....Fort Worth
Sain, Carl.....Granbury
Salkeld, Dan.....Abilene
Scott, D. B.....Fort Worth
Scott, Ernestine.....Pine Bluff, Ark.
Scott, Harvey.....Denison
Sellers, Doris.....Hico
Shackelford, Jack.....Abilene
Shadle, Maurine.....Weatherford
Shaw, Will Albert.....Fort Worth
Shugart, Thomas Reeder.....Fort Worth
Shull, Chesleigh.....Fort Worth
Smith, James Young.....Weatherford
Smith, Maxine.....Fort Worth
Smith, Sarah.....Fort Worth
Snow, Paul.....Winnsboro
Spearman, B. W.....Jermyn
Sprouls, Marcella.....Fort Worth
Stagg, Elizabeth.....Fort Worth
Stitt, David.....Fort Worth
Strong, Mary Ethel.....Fort Worth
Stroud, Paul T.....Jonesboro, Ark.
Wadley, Mary Louise.....San Antonio
Waide, Martha.....McKinney
Wallace, William Jewel.....Carrollton, Mo.
Walsh, F. Howard.....Fort Worth
Ward, Samuel Frank.....Fort Worth
Washburn, Eloise.....Greenville
Watson, Millard.....Fort Worth
Weldon, Harold.....Canton
Welsh, Norman.....Dallas
White, James H.....Fort Worth
Williams, Rubye.....Fort Worth
Wilson, Anita.....Fort Worth
Woodbury, Ben.....Fort Worth
Woolwine, Vance.....Fort Worth

Juniors in Summer School Only, 1931.

Alexander, Mrs. Edna.....Fort Worth
Allen, Sheila.....Fort Worth
Barton, Nettie Lee.....Fort Worth
Bennett, Mrs. Theo.....Fort Worth
Biggs, Lloyd W.....Fort Riley, Kans.
Byrnes, Nell.....Fort Worth
Dodson, Eleanor.....Handley
Echols, Maxine.....Fort Worth
Green, Frances Joe.....Fort Worth
Harwell, Irma.....Fort Worth
High, Frances.....Fort Worth
Lange, Gertrude.....Fort Worth
McGaughey, Mrs. O. R.....Fort Worth
Meyers, Mrs. Isabel.....Fort Worth
Miller, Tobia.....Fort Worth
Mittanck, Hillia Hermine.....Bellville
Montgomery, Gwendolyn.....Fort Worth
Musgrave, Mrs. D. B.....Mansfield
Piercey, Ruth Anna.....Prescott, Ark.
Portwood, Lucille.....Fort Worth
Powell, Lois.....Abilene
Reynolds, Mrs. Hester.....Benbrook
Ryan, Bessie R.....Marshall
Schiveley, Ladine.....Fort Worth
Stinnette, Hattie Emily.....Springtown
Thompson, Mrs. Bess.....Fort Worth
Watkins, Kate Bernice.....Fort Worth
Watson, Frances.....Fort Worth
Woodward, Mary Louisa.....Keene

SOPHOMORES—Long Session.

1931-32.

Adolfson, Annie Marie.....Fort Worth
Alexander, Clyde Wayne.....Fort Worth
Alexander, William Loring.....Fort Worth
Allen, William.....Coleman
Allison, Richard.....Dallas
Arledge, Jo Beth.....Houston
Armstrong, Bernice.....Fort Worth
Arnold, Martha.....Anna

SOPHOMORES—(Continued).

Atwood, Amy.....Fort Worth
Atwood, Ethel.....Fort Worth
Bacus, Roy.....Newport, Ark.
Bailey, Mrs. Alma Louise.....Fort Worth
Bailey, Jim Hosea.....Lampasas
Balch, Roland.....Fort Worth
Barksdale, Eloise.....Fort Worth
Bassinger, Lee.....Fort Worth
Bates, Harry.....Fort Worth
Bergin, Gertrude.....Sulphur Springs
Berrong, Verna.....Fort Worth
Blake, Bessye.....Fort Worth
Boswell, Ben.....Fort Worth
Boswell, Evelyn.....Fort Worth
Botts, Lollie.....Houston
Bowden, Mary Anderson.....Fort Worth
Bradford, Alden Hermas.....Fort Worth
Bradford, Paul.....Fort Worth
Bradford, Robert.....Lewisville
Bradford, Virginia.....Mansfield
Branon, Buster.....Pine Bluff, Arkansas
Brannon, Phyllis.....Fort Worth
Brewster, Harris.....Fort Worth
Briscoe, Mary Louise.....Grandview
Brown, Ernest.....Fort Worth
Brown, Lynn.....San Antonio
Brown, Joe Franklin.....Fort Worth
Brunson, La Verne.....Fort Worth
Bryan, Edgar.....Dallas
Bryant, William.....Fort Worth
Buckner, Kossie.....Fort Worth
Bush, Janelle.....McKinney
Cagle, Eugene.....Crosbyton
Cain, Paul.....Wichita Falls
Carpenter, Joe.....Roswell, New Mexico
Carroll, Moreene.....Justin
Carroll, Myrtle Belle.....Fort Worth
Carter, Rosalie.....Childress
Carter, Tom Burnette.....Fort Worth
Casper, Charlie.....San Antonio
Cassidy, Fred.....Fort Worth
Cassidy, Irene.....Fort Worth
Cauker, Louise.....Fort Worth
Chappell, Robert.....Fort Worth
Childress, Lillian.....Fort Worth
Chorn, Etheridge.....Mansfield
Clark, Max.....Fort Worth
Clark, Wilda.....Fort Worth
Clary, Evelyn.....Fort Worth
Coard, William.....Fort Worth
Collins, Bryant.....Mathis
Cooper, Lloyd Martin.....Fort Worth
Corder, Maureen.....Fort Worth
Cowan, Annie Ruth.....Dallas
Crosby, Mrs. Jane.....Fort Worth
Crump, Katherine Wills.....Fort Worth
Dallas, Lee Otis.....Corpus Christi
Davis, Mary Stokes.....Fort Worth
Dawson, Berylgene.....Moran
Denman, Ada Louise.....Fort Worth
Denny, Charles.....Fort Worth
Dewhurst, M. H.....Fort Worth
Dietzel, Adolph.....San Antonio
Diltz, Opal.....Fort Worth
Donovan, Paul.....Fort Worth
Douglas, Myrtis.....Fort Worth
Dugey, Martha Lee.....Fort Worth
Durie, Pauline.....Waco
Durrett, Doris.....Fort Worth
Dutton, Ruth.....Fort Worth
Duvall, James.....Indianapolis, Indiana
Edmondson, Janet.....Fort Worth
Evans, Lon.....Fort Worth
Fain, Roberta.....Fort Worth
Fleming, Ed Tom.....Weatherford
Floore, William.....Fort Worth
Floyd, Lawrence R.....Fort Worth
Francisco, W. T.....Fort Worth
Freeman, Juanita.....Fort Worth
Gantt, Emma.....Fort Worth
Gardner, Atys.....Fort Worth
Gault, Alfred.....Denison
Gilleland, William.....Fort Worth
Gillis, Kate.....Fort Worth
Glass, Kathryn Louise.....Dallas
Gough, Mrs. Vera.....Fort Worth
Graham, George.....Dallas
Graves, Rebecca.....McKinney
Gray, Myrtle F.....Fort Worth
Green, Evelyn.....Fort Worth
Griffith, Rayma.....Fort Worth
Haggard, Hallie Maude.....Plano
Hall, Blanche.....Fort Worth
Hallberg, Spencer.....Fort Worth
Harrison, Averill Dean.....Wichita Falls
Hatheway, Mary Lucille.....Fort Worth
Hawes, Charlotte.....Fort Worth
Hays, Iris.....Fort Worth
Henderson, Lee.....Fort Worth
Henderson, Loie Virginia.....Fort Worth
Henry, Elizabeth.....Fort Worth
Herman, Joe.....Fort Worth
Hill, John Fritz.....Fort Worth
Hopkins, John.....Temple
Horsley, Jeanne.....El Paso
Houser, Richard.....Electra
Howell, Foster.....Commerce
Hunnicutt, Sam Lloyd.....Fort Worth
Hunt, Julian.....Oakwood
Isenman, Della.....Handley
Jackson, O. B.....Burleson
Jarvis, Mary Sue.....Fort Worth
Jenkins, Mack.....Fort Worth
Johnson, Georgia E.....Pecos
Jones, Worley.....Fort Worth
Justin, Maurine.....Fort Worth
Keeling, Eva.....Alexandria, Louisiana
Kelly, Mildred.....Fort Worth
King, James E., Jr.....Coleman
Kinzy, Hersel.....Marshall

SOPHOMORES—(Continued).

Knoll, Mary Louise....Fort Worth
Knott, Morgan....Fort Worth
Koger, Corinne....Taylor
Labovitz, Marvin....Fort Worth
Langdon, Jack....Cleburne
Lavender, Thelma....Fort Worth
Lawrence, Blanche....Fort Worth
Ledgerwood, Alice....Fort Worth
Lewis, Corinne....Fort Worth
Lewis, Mary Marjorie....Fort Worth
Lillard, Betty Lou....Fort Worth
Lindsay, Margaret....Fort Worth
Linguist, Frank John....Fort Worth
Lipscomb, Owen....Fort Worth
Logan, Mary Sue....Fort Worth
McGaughey, John R....Fort Worth
McIntire, Gordon Thos....Edinburg
McKean, Marjie....Fort Worth
McLean, Annie Elizabeth....Fort Worth
McLean, Virginia....Fort Worth
McMichael, Rowena....Fort Worth
Maberry, Fay....Fort Worth
Magoffin, Tom....Fort Worth
Mallette, Mildred....Fort Worth
Mann, Truett....Fort Worth
Massey, Helen....Fort Worth
Massey, Rita....Fort Worth
Mattison, Denise....Fort Worth
Mears, Mamie Weck....Menard
Merrell, Azella....Joshua
Mikeska, Violet....Taylor
Miller, Frank....Snyder
Miller, J. Fred....Ennis
Miller, Robert B....Fort Worth
Milliken, Helen....Sabinal
Mitchell, Douglas....Fort Worth
Moore, Camille....Fort Worth
Morgan, Ruth....Greenville
Morphis, John Douglas....Fort Worth
Moring, Walter....Handley
Morrison, Elizabeth....Cleburne
Newberry, Josephine....Gonzales
Newkirk, Richard....Fort Worth
Nunley, Gemma....McGregor
O'Brien, Roy....Denver, Colorado
Oliver, Richard....Fort Worth
Oliver, Virginia....Fort Worth
Packard, Daniel....Fort Worth
Parrott, James....Orogrande, N. M.
Pate, James....Carthage
Patterson, Josephine....Fort Worth
Paty, Orville....Fort Worth
Perkins, Love....Olney
Petta, J. B....Fort Worth
Phares, Anniel....Dallas
Phelps, S. L....Abilene
Phillips, Clifton....Tyler
Phinney, Mary Annas....Fort Worth
Poe, Evelyn....Fort Worth
Poe, Jack....Fort Worth
Pope, Dorothy....Quanah
Potts, Billie....Fort Worth
Prather, Katherine....Fort Worth
Pruitt, Madison....Waco
Puckett, Helen....Fort Worth
Quinn, Margaret....Fort Worth
Raines, Henry....Cleburne
Rall, Cathryn....Fort Worth
Reed, Gordon O....Fort Worth
Reeder, Maurine....Fort Worth
Ridgway, Ralph....Fort Worth
Roberson, Jewel Ruth....Fort Worth
Roe, Jack Clifton....Muncie, Ind.
Rose, Katherine....Fort Worth
Rowland, Martha Laura....Fort Worth
Sanders, Blakeney....Fort Worth
Sayers, S. Reagan....Fort Worth
Schmid, Mrs. Nancy Hunter....Fort Worth
Scott, Marjorie....Victoria
Scott, Mary Louise....Fort Worth
Seidel, Mary Louise....Brenham
Shafarman, J. B....Fort Worth
Shaw, Margot....Amarillo
Short, Elizabeth....Fort Worth
Simpson, Gladys....Fort Worth
Sims, Frances....Hillsboro
Smith, James Ryle....Dallas
Smith, Jonas Dale....Mineral Wells
Sod, Arthur....Fort Worth
Sorrels, T. L....Fort Worth
Sprinkle, J. W....Fort Worth
Spurlock, Wm. D....Fort Worth
Stanford, Dorothy....Fort Worth
Steele, George....Fort Worth
Stell, Wm. Otis....Fort Worth
Stephens, Mary Virginia....Fort Worth
Stewart, Bob....Fort Worth
Stobaugh, Evelyn....Ballinger
Stokes, Wayne....Fort Worth
Stubblefield, Ruth....Fort Worth
Sullivan, Ruth....Fort Worth
Sumner, Wendell....Ganado
Sweet, Rose....Fort Worth
Talbot, Frances....Dallas
Tandy, Carmen....Fort Worth
Taylor, Bud....Austin
Teddlie, Harrold....Fort Worth
Thomas, Jesse Harvey....Mineral Wells
Thompson, John William....Fort Worth
Thompson, Nell....Fort Worth
Tiner, Otha....Bosqueville
Townsend, J. W....Lufkin
Trimble, Robert....Fort Worth
Trotti, Mrs. Lelia....Fort Worth
Tucker, John O....Weatherford
Turbeville, Robert....Fort Worth
Tyrrell, Margaret....Mobile, Ala.
Tyson, Marion....Camden, Ark.
Van Orden, Edwin....Fort Worth
Vargas, Antonio....San Luis Potosi, Mexico
Vaught, Johnnie....Fort Worth
Waits, John....Cynthiana, Ky.

SOPHOMORES—(Continued).

Walker, Elbert.....Clovis, N. M.
Ward, Dayton.....Fort Worth
Wassenich, Paul.....Beaumont
Weinman, Elmer.....Fort Worth
Wells, L. N. D.....Dallas
Whitaker, Fred.....Carthage
White, Doris Jane.....Fort Worth
White, Mrs. Evelyn.....Fort Worth
White, Frank.....Fort Worth
Wiedeman, Gertrude.....Huffsmith
Wightman, Ola Amanda.....Fort Worth
Wilburn, Eleanor.....Fort Worth
Williams, Charlie.....Fort Worth
Williams, Fulton C.....Fort Worth
Williams, Elizabeth.....Rusk
Williams, Margaret.....Fort Worth
Wilson, Helen.....Burleson
Winton, Elna.....Fort Worth
Wiseley, Kathleen.....Stamford
Wofford, Isabel.....Austin
Workman, Elva Ruth.....Decatur
Wynn, William Sproesser.....Fort Worth
Young, Maudallen.....Fort Worth

Sophomores in Summer School Only, 1931.

Armstrong, Mary Grimes.....Fort Worth
Bradford Nannie.....Fort Worth
Bratton, Carrie.....Fort Worth
Brewer, Helen Eugenia.....Terrell
Claiborne, Bertha.....Fort Worth
Decherd, Emma.....Fort Worth
Deming, Elizabeth.....Fort Worth
Elder, Mrs. Lura Olive.....Garden Valley
Fisher, William S.....Fort Worth
Gentry, Rowena Ewin.....Fort Worth
Gossett, Dorothy.....Fort Worth
Green, Martha Jane.....Fort Worth
Hardy, Dale.....Fort Worth
Lawrence, Mrs. Med Hamilton..Fort Worth
McGowen, Anita Glenn.....Baird
Maloney, Katherine Loretta.....Fort Worth
Ogden, Anna Ruth.....Stowell
Payne, Mrs. Edith McCall.....Fort Worth
Pool, Alma L.....Fort Worth
Pundt, Mrs. Mildred Graham....Fort Worth
Pyle, Robert M.....Fort Worth
Reinke, Dorothy.....Fort Worth
Robertson, Stella Cleone.....Fort Worth
Shults, Willie Lee.....Rising Star
Simpson, Bess.....Fort Worth
Smith, Mrs. W. C.....Fort Worth
Stewart, Daisy Davis.....Fort Worth
Stroud, Mary Margueritte.....Fort Worth
Waters, Ellen Hale.....Fort Worth
Younger, Julia.....Fort Worth

FRESHMEN—Long Session, 1931-32.

Ackers, Christine.....Abilene
Addington, Charles.....Fort Worth
Alcorn, Marjorie.....Fort Worth
Allen, Weldon.....Coleman
Ammerman, Rugeley.....Fort Worth
Anderson, William Temple.....Fort Worth
Armes, Clinton.....Slaton
Awtrey, Ernestine.....Wichita Falls
Bacon, Joe Frank.....Abilene
Bailey, Paul Wayne.....Fort Worth
Baker, Billy Price.....Fort Worth
Baker, Dorothy.....Sonora
Baker, James Royce.....Burleson
Barnes, Francis.....Breckenridge
Barnes, Martha.....Fort Worth
Barnes, William.....Seminary Hill
Barnett, James.....Cleburne
Barre, Ernestine.....Fort Worth
Barrett, Marcus Owen.....Fort Worth
Baskin, E. J.....Fort Worth
Baxter, Ben.....Fort Worth
Beasley, Lola.....Odessa
Beavers, Lon.....Fort Worth
Bell, Margaret.....Fort Worth
Bell, Newton.....Fort Worth
Bergeson, Merle.....Fort Worth
Berry, Margaret.....Fort Worth
Bitters, Wilbert.....Paxton, Ill.
Black Edythe.....Dallas
Blackmond, Randal.....Ranger
Bledsoe, Carl Thomas.....Fort Worth
Blevins, Jesse Guy.....Fort Worth
Blumberg, Rose Lou.....Dallas
Boatner, Charles.....Handley
Boswell, Marquis.....Fort Worth
Boswell, Roy.....Fort Worth
Broiles, Grace.....Fort Worth
Brooks, Ernest Arle.....San Marcos
Brown, James Theodore....Okla. City, Okla.
Brown, Louise.....Gatesville
Brown, Ralph Alexander.....Port Arthur
Brown, Ralph Morris.....Honey Grove
Brown, Vernon.....Fort Worth
Bruyere, Richard.....Fort Worth
Bryan, Imogene.....Fort Worth
Bryant, Carley.....Fort Worth
Buchanan, Patrick Henry.....Fort Worth
Burch, Edward Lee.....Pampa
Burgess, Duke.....Saginaw
Burkett, Joe Carl.....Fort Worth
Burkhead, Mary Borden.....Fort Worth
Burnam, Phyllis.....Loveland, Okla.
Burns, Harry.....Fort Worth
Burns, Leon.....Fort Worth
Burton, Fred C.....Fort Worth
Burton, Jimmie.....Fort Worth

FRESHMEN—(Continued).

Butler, Lucille.....Tyler
Butler, Sam.....Atoka, Okla.
Byrne, Bobbie.....Fort Worth
Cahluck, Johnnie.....Fort Worth
Campbell, Mary Elizabeth.....Giddings
Campbell, X. R.....Fort Worth
Cannon, Katherine.....Fort Worth
Carr, Dorothy.....Fort Worth
Carrell, L. V.....Fort Worth
Carter, Mary Ledyard.....Fort Worth
Cassidy, Johnnie Ruth.....Fort Worth
Casstevens, Virginia.....Everman
Chambers, Carl N.....Fort Worth
Chesser, William.....Fort Worth
Chilton, William Ernest.....Fort Worth
Chipps, Elliott.....Fort Worth
Chollar, Frank.....Fort Worth
Clark, Glen Greyland.....Ancola, Ind.
Clark, Rex.....Longview
Coffey, John.....Sulphur Springs
Coffin, Frances Maxine.....Mathis
Coffin, Rollo.....Mathis
Coffman, Dorothy.....Fort Worth
Coleman, Scott.....Fort Worth
Coleman, Joe Thomas.....Waco
Collins, Natalie.....Mathis
Cook, Mrs. J. H.....Fort Worth
Cooke, W. Steve.....Fort Worth
Cooley, Gus.....Fort Worth
Cooper, William Louis.....Colorado
Couser, Clifton.....Fort Worth
Cox, Hugh.....Fort Worth
Cox, Virginia.....Fort Worth
Cozzens, Louise.....Lamesa
Craddock, Jack.....Fort Worth
Crawford, Bess.....Fort Worth
Creed, David.....Cooledge
Crotty, Clarence.....Fort Worth
Curry, Carlton.....Fort Worth
Dannelly, Charles.....Jefferson
Darr, George.....Fort Worth
Davis, Dale.....Cushing, Okla.
Davis, Helen Jane.....Fort Worth
Davis, Katherine.....Saint Jo
Davis, Nuel.....Handley
Davis, Wilburn.....Fort Worth
Dees, Edna.....Fort Worth
Deffebach, Dorothy.....Fort Worth
De Forrest, Jack.....Fort Worth
Denson, James.....Temple
Dillingham, Mary Elva.....Fort Worth
Dirks, Marjorie Anne.....Fort Worth
Dollahite, Kenneth.....Fort Worth
Dorsey, Anna Lynn.....Fort Worth
Douglass, John.....Fort Worth
Dunlap, Don Devore.....Fort Worth
Dyess, Ben Eliot.....Fort Worth
East, Dorothy.....Amarillo
Eddins, Flora Mae.....Fort Worth
Elkins, Kathryn.....Fort Worth
Ellis, Truitt.....Saginaw
Evans, Elna Bess.....Fort Worth
Everett, Roy Morrison,.....Palestine
Fallis, Florence.....Fort Worth
Farmer, Cedric.....Seymour
Farmer, Guy Manly.....Seymour
Fellows, Helen.....Fort Worth
Fenley, Vernon.....Fort Worth
Ferguson, Ethel.....Bryan
Ferguson, Mrs. Vida.....Fort Worth
Fitch, Walter.....Arlington
Fitch, William.....Fort Worth
Flanagan, Louis.....Palestine
Floore, Heard.....Fort Worth
Florance, Billy Maurine.....Fort Worth
Floyd, Louis Carl.....Fort Worth
Ford, Weldon.....Mineral Wells
Forsyth, John W.....McKinney
Frankel, Nathan.....Fort Worth
Franklin, Bliss.....Godley
Franklin, Evelyn.....Wichita Falls
Freeman, Joe.....Pampa
Fridge, E. M.....Fort Worth
Fritz, Edward.....Fort Worth
Fritz, Georgia.....Fort Worth
Gardner, Jane.....Fort Worth
Garland, Clayton.....Whitewright
Garrison, Eloise.....Fort Worth
Gaskin, John Olen.....Jacksboro
Gaudin, Mary Cecilia.....Fort Worth
George, Joseph.....Plano
Gillis, Donald.....Fort Worth
Givens, Betty.....Fort Worth
Glasgow, Robert E. L.....Cleburne
Godwin, Manuel.....Hot Springs, Ark.
Gonzales, Elisardo.....Antonito, Colorado
Gordon, Louis.....Texarkana
Graves, Jack.....Beaumont
Green, Wesley.....Fort Worth
Groseclose, William.....Abilene
Groves, Maurice.....Fort Worth
Grubbs, Virginia.....Fort Worth
Gurney, Sam Charles.....Fort Worth
Hagemeier, Gladys.....Fort Worth
Haile, Shirley.....Fort Worth
Hall, Clifford.....Fort Worth
Hall, Margaret.....Cleburne
Harding, Robert.....Fort Worth
Harness, Anna Byrd.....Fort Worth
Harrison, George.....Fort Worth
Harston, Dan.....Dallas
Hart, Mark.....Cleburne
Hartman, David.....Fort Worth
Hausman, Dorothy Jean.....Fort Worth
Hawley, George M. B.....Fort Worth
Helbing, Hugh.....Fort Worth
Henderson, Dorothy Loutitia.....Fort Worth
Henry, Patrick Jr.....Fort Worth
Higgins, Kathryn Doris.....Fort Worth
Hightower, Earl.....Fort Worth
Hill, Paul.....Newark
Holloway, Milton.....Longview

FRESHMEN—(Continued).

Holloway, Ruth.....Longview
Hood, Thomas Lee.....Dublin
Hoskins, Boaz.....Fort Worth
Howard, Elizabeth.....Fort Worth
Hudgins, Janey.....Hungerford
Hudson, John.....Fort Worth
Hudson, Marjorie Fay.....Fort Worth
Hudson, W. R.....Fort Worth
Hughes, Johnnie.....Fort Worth
Irvin, Edwin Wilbyrd.....Daingerfield
Irvin, Marjorie.....Fort Worth
Jacks, James.....Fort Worth
Jacobs, Anna Paulyne.....Big Spring
Jennings, Cora.....Fort Worth
Johnson, Lewis Gray.....Jacksboro
Johnston, Frances.....Fort Worth
Johnston, Ralph.....Fort Worth
Keller, Mary Kate.....Fort Worth
Kelly, Mary Carolyn.....Fort Worth
Kelsey, Miller.....San Antonio
Kendrick, Harold.....Mexia
Kershman, Irvin.....Fort Worth
Kidd, Yvonne.....Wannette, Okla.
Kingsbury, Mary Elizabeth.....Fort Worth
Kitchen, John.....Okmulgee, Okla.
Kline, George.....Gregory
Krisel, Mary Etta.....Fort Worth
Laneri, John Phillip.....Fort Worth
Lanham, Travis L.....Fort Worth
Lee, Dorothy.....Fort Worth
Leigh, Mrs. Hazel Vaughan.....Fort Worth
Lewis, Carolyn.....Fort Worth
Linville, Milam Edward.....Fort Worth
Lipscomb, Vernon.....Fort Worth
Livvix, Lorena.....Fort Worth
Lore, James.....Fort Worth
Lorimer, James.....Fore Worth
Lozo, Frank.....Fort Worth
Lunt, Clothilde.....Fort Worth
Lunt, Sydnie.....Fort Worth
Luper, Albert.....Dallas
Luyster, Dorothy.....Linnens, Mo.
Lydick, John Stuart.....Fort Worth
Lytton, Lee Hargis.....Fort Worth
McAdams, George.....Fort Worth
McAnnally, Alice.....Mathis
McCandless, Ida.....Fort Worth
McConnell, Thirty Texia.....Mineral Wells
McCoy, Wirth.....Fort Worth
McKean, Nolan.....Fort Worth
McKenzie, Greta.....Cleburne
McGill, Ada Reed.....Bertram
McMurray, Jesse.....Fort Worth
Magendie, Carter.....Fort Worth
Magness, Wm. Sanders.....Fort Worth
Magoffin, George.....Fort Worth
Marion, Craig.....Dallas
Marlin, Velma.....Fort Worth
Martin, Hulon.....Jacksboro
Martin, Robbie.....San Antonio
Mattox, Annievieve.....Fort Worth
Mercer, Irene.....Fort Worth
Michero, Raymond.....Fort Worth
Middleton, Paul.....Fort Worth
Miller, George L.....Fort Worth
Miller, Joseph Harmon.....Fort Worth
Mings, John.....Big Sandy
Minton, Mary.....Fort Worth
Mitchell, Robert.....Morris, Okla.
Montford, A. H.....Fort Worth
Moor, Mary Kathryn.....Fort Worth
Moore, Dorothy.....Dallas
Moore, Mrs. Sue.....Fort Worth
Morgan, Henry.....Fort Worth
Morris, Ethel.....Fort Worth
Morris, Frances.....Fort Worth
Morro, William.....Fort Worth
Moses, Janet.....Fort Worth
Murray, Richard C.....Ranger
Muse, Edward.....Fort Worth
Muse, Lillian.....Dallas
Myers, Wallace.....Jacksboro
Nelms, Nannette.....Fort Worth
Nelson, Mrs. A. B.....Quanah
Nelson, Marguerite.....Fort Worth
Newton, Clifton.....Fort Worth
Newton, Wayne.....Fort Worth
Norman, George.....Fort Worth
Norsworthy, Beth.....Jasper
O'Gara, William.....Fort Worth
Ott, Edith Louise.....Fort Worth
Owens, William.....Fort Worth
Pace, Marion.....Cleburne
Packard, Paul Henry.....Fort Worth
Palmer, Pattison Kuyrk.....Fort Worth
Panter, Jack.....Fort Worth
Patterson, Harley.....Dallas
Peach, Elberta.....Fort Worth
Penn, William W.....Big Spring
Peyton, Dan.....Cleburne
Phenix, Columbus Lee.....Fort Worth
Pitman, Riley Herman.....Haskell
Plaxco, Ellis.....Fort Worth
Poe, Ruby Nell.....Fort Worth
Poffenbach, Fred.....Fort Worth
Porter, Jane.....Fort Worth
Powell, W. R.....Colorado
Poye, Leo.....Houston
Putman, Catherine.....Fort Worth
Race, Emmett.....Fort Worth
Ramsey, Lorene.....Fort Worth
Reeves, Elizabeth.....Fort Worth
Rigsby, James.....Mingus
Roach, Edward.....Fort Worth
Robbins, Joey Frank.....Fort Worth
Roberts, Cecil.....Fort Worth
Roberts, Mary Frances.....Fort Worth
Rounds, Mrs. W. A.....Fort Worth
Rowan, Mary Moore.....Wharton
Sanderford, Bertha Fay.....Fort Worth

FRESHMEN—(Continued).

Sanderson, Elmer.....Fort Worth
Sandifer, Cody.....Fort Worth
Sandifer, Milner.....Decatur
Sargent, Ben.....Fort Worth
Schell, Elizabeth.....Fort Worth
Schenck, Charles.....Fort Worth
Schroeder, Charles.....Fort Worth
Scott, Dorothy.....Cleburne
Scroggins, Lillian.....Rogers
Sheddan, Fred.....Fort Worth
Shertzer, Lillian.....Cisco
Shull, LaJuana.....Fort Worth
Sigmon, Jack.....Fort Worth
Simpson, Gladys.....Denison
Simpson, James B.....San Angelo
Sloan, Evelyn.....Fort Worth
Sloan, Hugh.....Fort Worth
Smart, Theo.....Menard
Smith, Charlotte.....Fort Worth
Smith, Donald.....Taylor
Smith, Judson.....Fort Worth
Smith, Richard.....San Antonio
Spinks, Frances.....Fort Worth
SoRelle, Bernice.....Fort Worth
Sparks, Walter Gaines.....Marlin
Spencer, Henry.....Dallas
Spencer, Jack.....Fort Worth
Spragins, Mabel.....Fort Worth
Stamps, Mark.....Fort Worth
Steen, Fred.....Fort Worth
Stein, Edward Cabot.....Houston
Stephenson, Jim.....Fort Worth
Stevens, Dorothy.....Fort Worth
Stratman, Ella.....Shiner
Stroud, Sarah.....Jonesboro, Ark.
Stuart, Margret.....Terrell
Stuart, Ted.....Fort Worth
Summers, Edwin.....Fort Worth
Talbot, Mary T.....Fort Worth
Tandy, Margueritte.....Fort Worth
Tankersley, Eula.....Fort Worth
Tate, Julia.....Comanche
Tatum, Alto.....Fort Worth
Taylor, Ellis.....Cleburne
Thomas, Donald.....El Paso
Thompson, Jean.....Fort Worth
Thompson, Sally.....Jacksboro
Thompson, W. Hal.....Fort Worth
Tinkle, George.....Fort Worth
Trainer, Louis.....Sonora
Tribble, J. E.....Fort Worth
Trigg, Margaret Day.....Fort Worth
Truelson, Julius.....Dallas
Twitty, Doris Nell.....Temple
Tyson, Edwin.....Camden, Ark.
Valencia, Frank.....San Antonio
Van Keuren, Irene.....San Antonio
Vasques, Fritz.....San Antonio
Vazquez, Fred.....San Antonio
Vaughan, Kenneth.....Fort Worth
Vautrin, Marjorie.....Fort Worth
Veatch, Helen.....Fort Worth
Vickers, Mary Kathryn.....Fort Worth
Von Sprecken, Josephine.....Fort Worth
Voss, Billy.....Fort Worth
Wagley, Hugh.....Mineral Wells
Walkup, Jimmie.....Fort Worth
Walkup, Johnnie.....Fort Worth
Wall, S. A. Jr.....Fort Worth
Wallace, Leonard.....Fort Worth
Ware, Morton.....Fort Worth
Warner, Ruth.....Fort Worth
Washham, Mora Lou.....Fort Worth
Washman, William Ed.....Fort Worth
Weaver, Leuna.....Melissa
Welch, Joy.....Fort Worth
Whitener, Mary Madalyn.....Fort Worth
Whittington, Nina.....Yoakum
Wiborg, William.....Fort Worth
Wilke, Mary Alice.....Big Spring
Wilkinson, Claude.....Fort Worth
Wightman, Vera.....Buna
Williams, Albert.....Fort Worth
Williams, Mrs. Evelyn.....Fort Worth
Williams, Sidney.....Fort Worth
Williams, W. C.....Fort Worth
Wilson, Mary Virginia.....Fort Worth
Wilson, Woodrow.....Fort Worth
Winkler, Herman.....Fort Stockton
Winans, Lelia.....Fort Worth
Wise, Bill.....Fort Worth
Wiseley, James.....Stamford
Witherspoon, Judith.....Chatfield
Wofford, Olive.....Fort Worth
Wooten, Wooten.....Fort Worth
Wright, Bonita.....Fort Worth
Yeats, Marvin.....Fort Worth
Young, Frank.....Iowa Park

Freshmen in Summer School Only, 1931.

Brimberry, Elmer.....Millsap
Brothers, Jack.....Wichita Falls
Cheaney, Alma.....Electra
Cushman, Mrs. Mary.....Fort Worth
Goodwin, Frankie.....Fort Worth
Green, Myrtle.....Fort Worth
McClain, Lillian.....Ennis
Morrison, Mary Elizabeth.....Fort Worth
Phelps, Mrs. Hazel.....Fort Worth
Powell, Gregg.....Fort Worth
Robertson, Mercedes.....Fort Worth
Smith, Lottie.....Fort Worth
Wolverton, Ethel.....Tampa, Fla.

SPECIAL STUDENTS—Long Session.

Bell, Mrs. Irma F.....Fort Worth
Bond, Hazel.....Fort Worth
Boisseau, Duncan.....Fort Worth
Boswell, Mrs. V. W.....Fort Worth
Browning, Margaret Bess.....Weatherford
Calkins, Dorothy.....Fort Worth
Carter, Mrs. C. S.....Handley
Cayton, Ruth.....Fort Worth
Cox, Allen Eugene.....El Paso
Crum, J. Y.....Pecos
Cupit, John R.....Fort Worth
Gerard, Joseph.....Saginaw
Hampton, James W.....Handley
Kelly, Mrs. A. A.....Fort Worth
Lloyd, Douglas.....Fort Worth
McDonald, Mrs. Eva W.....Fort Worth
McGehee, Cleo.....Carlsbad, N. M.
McGill, Leona.....Fort Worth
McWilliams, Hazel.....Fort Worth
Newsom, Mabel.....Haslet
Ord, Mrs. Zettie D.....Fort Worth
Penn, P. K.....Fort Worth
Prescott, Luther.....Fort Worth
Schroeder, Mrs. Jane.....Fort Worth
Smith, Alice L.....Fort Worth
Spragins, Mabel.....Fort Worth
Springfield, Effie.....Fort Worth
Todd, Guy M.....Crowell
Trammell, Manning Lewis.....Keller
Wilson, Thomas Buyrl.....Fort Worth
Wheeler, Opal Fannie.....Fort Worth

Special Students in Summer School Only, 1931.

Daniell, Mrs. Ophelia.....Fort Worth
Koon, Mrs. Elsie Klyce.....Fort Worth
Shropshire, Mrs. Jessie.....Fort Worth
Smith, Joy McFarland.....Fort Worth
Walker, Mrs. Romee.....Comanche

FINE ARTS ONLY—Long Session.

Anderson, Lois Marie.....Fort Worth
Bachman, Alois.....Fort Worth
Campbell, Allie Mae.....Fort Worth
Coleman, P. C. III.....Fort Worth
Coughlin, Anne.....Fort Worth
Davidson, Sam.....Fort Worth
Elliott, Mrs. H. W.....Fort Worth
Gregg, Wilbur Lewis.....Cleburne
Haesley, Mrs. Blanche.....Fort Worth
Hawes, Mrs. David.....Fort Worth
Kinnibrugh, Virginia Mary.....Fort Worth
Liddle, Mrs. Ralph.....Fort Worth
Mannix, Byrnece.....Fort Worth
Martin, Alameda.....Fort Worth
Prettyman, Kathryn.....Fort Worth
Scoular, David.....Fort Worth
Sessions, La Verda.....Ardmore, Okla.
Smith, Doris.....Fort Worth
Walker, Jo Alice.....Fort Worth
Walker, Mrs. Marvel.....Fort Worth
Wright, Peggy.....Fort Worth

Fine Arts—Summer School Only, 1931.

Bryant, Mrs. Bessie A.....Marshall
Hubbard, Videll.....Fort Worth
Plaxco, Mary Lou.....Decatur
Rumback, Helen.....Littlefield
Thomson, Richard B.....Fort Worth
Wilfong, Mrs. A. L.....Winnsboro
Younger, Mr. T.....Gatesville

VISITORS—Long Session.

Acker, Floy.....Fort Worth
Bickel, Ross.....Fort Worth
Boswell, Lorin.....Fort Worth
Boswell, V. W.....Fort Worth
Box, Alpheus B.....Fort Worth
Briggs, H. W.....Fort Worth
Burch, Katherine.....Decatur
Cockrun, Wayne.....Fort Worth
Curtis, Agnes.....Fort Worth
Eldridge, G. D.....Fort Worth
Elliott, Leo A.....Fort Worth
Googins, Ruth.....Fort Worth
Graves, Carl T.....Fort Worth
King, Robert Lee.....Fort Worth
Lawrence, John R.....Fort Worth
Linguist, Louis.....Fort Worth
Magnussen, Harge.....Fort Worth
Murray, James Keith.....Fort Worth
Pope, Phyllis.....Fort Worth
Reed, Ernest C.....Fort Worth
Ross, Mrs. Oliver H.....Fort Worth
Stivers, Clay.....Fort Worth
Straiton, Nellie.....Fort Worth
Tygrett, Alex Ritchey.....Mineral Wells
Waggett, C. C.....Fort Worth
Wilke, Helen.....Fort Worth
Wood, Douglass.....Fort Worth

CLASSIFICATION IN DETAIL OF ENROLLMENT SESSION 1931-32.

	Graduate: Candidate for Master's or B. D.	Bachelor: Not Candidate for a degree.	Senior	Junior	Sophomore	Freshman	Special	Visitor	Total
LONG SESSION:									
Full Time Students:									
College of Arts and Sciences:									
Men	14	3	52	57	109	197	3	0	435
Women	8	1	53	67	112	126	3	0	370
Both	22	4	105	124	221	323	6	0	805
Part Time Students:									
College of Arts and Sciences:									
Men	25	7	14	5	21	42	10	25	149
Women	22	11	21	16	31	27	15	11	154
Both	47	18	35	21	52	69	25	36	303
COMBINATION of Full and Part Time Students, College of Arts and Sciences, Long Session:									
Men	39	10	66	62	130	239	13	25	584
Women	30	12	74	83	143	153	18	11	524
Both	69	22	140	145	273	392	31	36	1108
Other Colleges than Arts and Sciences:									
Men				4					
Women				17					
Both				21					21
Total Enrollment Long Session, All Colleges									1129

SUMMER SESSION, 1931

	Graduate: Candidate for Master's or B. D.	Bachelor: Not Candidate for a degree.	Senior	Junior	Sophomore	Freshman	Special	Total
College of Arts and Sciences:								
Men	18	9	27	13	10	7	0	84
Women	29	11	58	51	46	20	4	219
Both	47	20	85	64	56	27	4	303
Other than College of Arts and Sciences:								
Men			3					
Women			6					
Both			9					9
Total Summer School								312

FULL YEAR

(Combining Long Session and Summer without duplicates.)

Full Time Students:

	Graduate: Candidate for Master's or B. D.	Bachelor: Not Candidate for a degree	Senior	Junior	Sophomore	Freshman	Special	Visitor	Total
College of Arts and Sciences:									
Men	33	4	62	58	112	200	3	0	472
Women	26	6	83	92	137	136	7	0	487
Both	59	10	145	150	249	336	10	0	959
Part Time Students: College of Arts and Sciences:									
Men	28	7	18	5	21	42	10	25	156
Women	25	15	24	18	33	27	15	11	168
Both	53	22	42	23	54	69	25	36	324
Other Colleges Than Arts and Sciences:									
Men			6						
Women			22						
Both			28						28
TOTAL ENROLLMENT (Long Session and Summer)									1311

SUMMARY OF ENROLLMENT

Total Summer Term Enrollment		312
Long Session:		
College of Arts and Sciences	1108	
Brite College of the Bible	0	
Fine Arts (only)	21	
Total of All Colleges		1129

Summary of the Year, June, 1931, to June, 1932.

College of Arts and Sciences:

	Men	Women	Total	
Graduate Students	61	51	112	
Graduate Students not Candidate for a degree	11	21	32	
Senior Students	80	107	187	
Junior Students	63	110	173	
Sophomore Students	133	170	303	
Freshmen Students	242	163	405	
Special Students	13	22	35	
Visitors	25	11	36	
Total College Arts and Sciences	628	655	1283	1283
Brite College of the Bible:				
Total Ministerial Students (All classified elsewhere.)	61	25	86	
School of Fine Arts	18	85	103	
(Not classified elsewhere)	6	22	28	28
Total Net Enrollment of the Year, June, 1931, to June, 1932				1311

CLASS SCHEDULE FOR SESSION 1932-1933

For Freshman Schedule see page 281.

Advanced courses, other than those scheduled, are offered by practically every department. Consult the catalog and the heads of these departments in their respective offices.

The letter "B" prefixed to a room number means that the room is in Brite College; Gym, in the basement of the gymnasium; Biology and Geology "Labs" are in basement of Clark Hall; Chemistry "Lab" is in basement of Goode Hall. All other rooms are in the Administration Building.

First meeting of Freshmen M. W. F. classes, Monday, September 19th.

First meeting of all T. T. S. classes, Tuesday, September 20th.

For an explanation of course numbers see page 89.

MON.—WED.—FRI.

Subject 8:00	Fall No.	Room No.	Spring No.	Teacher
Bible	127	B204	.....	Hutton
Bible	121	B203	121	Billington
Bible	130	B206	131	Morro
Biology (W. F.)	12b	Biol. Lab.	12a	Staff
Commerce	143	B103	144	Ballard
Economics	131	212	135	Elliott
English (3 Sec.)	11a	2, 8, 201	11b (2 Sec.)	Staff
English		1	11a	Staff
English	24a	217	24b	Staff
English (Formerly 41)	50	218	50	Clubb
French	11	107	11	Staff
Geology (W. F.)	18	Amph.	18	Staff
Government	151	205	152	Lord
History	21a	203	21b	Hammond
History	150	219	140	Roberts
H. E. (Clothing) Also at 9:00	13	317	13	Miss Enlow
Journalism	23	Gym. 3	23	Cowan
Mathematics (2 Sec.)	12a	110, 210	12b	Staff
Music (M. W.)	22	301	22	Staff
Phys. Edu.	130	Gym.	131	Mrs. Murphy
Psychology	121	204		Mrs. Tucker
Psychology	121	209	121	Miss Trippet
Psychology		7	128	Mr. Leftwich
Pub. Sch. Art	11	310	11	Ziegler
Pub. Sch. Art	121	310	122	Ziegler
Pub. Speaking	....	204	24a	Fallis
Pub. Speaking	34	304	34	Miss Moore
Sociology	154	206	155	W. C. Smith
Spanish (2 Sec.)	11	14, 211	11	Staff
Spanish	21	106	21	Staff
Rel. Education	21a	B201	21b	Pickerill

For 9:00 o'clock classes see next page.

MON.—WED.—FRI.

Subject 9:00	Fall No.	Room No.	Spring No.	Teacher
Art	25	310	25	Ziegler
Bible		B206	127	Hutton
Bible	121	B203		Cameron
Bible	134	B204	136	Pickerill
Biology (W. F.)	32a	Biol. Lab.	32b	Staff
Chem. (M. Fall) (M. W. Spring)	21a	Amph.	21b	Whitman
Chemistry (F.)	25	Amph.	25	Hogan
Chemistry (W.)		Chem. Lab.	121	Whitman
Commerce	22	B103	22	Ballard
Commerce	132	209	145	Ashburn
Commerce (Typewriting)	202	B101	202	Miss Williamson
Economics	147	212	153	Elliott
Education	23a	1	23b	Crouch
Education	136	15	134	Jones
English (By invitation)	11a	217	11b	Staff
English	11b	7		Staff
English	24a	14	24b	Staff
English	36	219	36	Miss Smith
German	21	107	21	Miss Ascher
Govt.	36	207	36	Lord
Hebrew	60	B106	60	Lockhart
History (2 Sec.)	12a	201, 203	12b	Hammond, Welty
History	42a	205	42b	Roberts
H. E. (Clothing) Also at 8:00	13	317	13	Miss Enlow
Journalism	....	Gym 3	130	Cowan
Mathematics		110	132	Sherer
Mathematics	131	210	130	Miss Shelburne
Music	11	304	11	Guelick
Music	135	301	132	Staff
Phys. Edu. (2nd Yr. Boys)	Tumbling Apparatus	Gym	Volley Ball Tennis	Staff
Phys. Edu. (1st Yr. Girls)	Swimming	Gym	Swimming	Mrs. Murphy
Psychology	121	2	136	Miss Trippet
Psychology	135	204	121	Mrs. Tucker
Sociology	143	206	144	W. C. Smith
Spanish	144	106	145	Miss Carter
10:00				
Biology (F) (Freshmen and Sophomores)	11	Quiz Sections	11	Staff
Chapel	Freshmen and Sophomores (M. W.)		Juniors and Seniors (F.)	
History (World)	52	201	52	Roberts
Phys. Edu. (M. W.) (other hour to be arranged)	35	Gym	35	Schmidt

For 11:00 o'clock classes see next page.

MON.—WED.—FRI.

Subject 11:00	Fall No.	Room No.	Spring No.	Teacher
Bible	117	B204	117	Hutton
Bible (Ministerial Students)	119	B203	(Ministerial Students)	Cameron
Chemistry	11	Amph.	11	Whitman
Commerce	127	B101	128	Miss Williamson
Economics	134	8	.....	Ashburn
Economics	137	212	136	Elliott
Education	26a	1	26b	Crouch
English (3 Sec.)	11a	7, 219, 217	11b (2 Sec.)	Staff
English		B206, B203	11a (2 Sec.)	Staff
English	24a	218	24b	Mrs. Bryson
French	11	2	11	Staff
French	41	107	41	Combs
Government (2 Sec.)	12a	14, 206	12b	Mrs. Sherer & Staff
Govt. (2 Sec.)	128	209	126	Mrs. Sherer and Staff
History	21a	201	21b	Welty
History	25a	203	25b	Hammond
H. E. (Foods) Also at 12:00	112	317	.....	Miss Enlow
H. E. (Clothing) Also at 12:00	23	317	23	Miss Enlow
Journalism	142	Gym 2	143	Ridings
Latin	10	15	10	Mrs. Ellis
Mathematics (2 Sec.)	13a	110, 210	13b	Staff
Music	13, 14	306	13, 14	Staff
Music	31	301	31	Guelick
Philosophy	123	211	.....	Mrs. Tucker
Philosophy	34	204	34	McDiarmid
Phys. Edu. (1st Yr. Boys)	Team Sports	Gym	Team Sports	Staff
Phys. Edu. (1st Yr. Girls)	Sports	Gym	Sports	Mrs. Murphy
Phys. Edu. (2nd Yr. Girls)	Swimming	Gym	Swimming	Mrs. Murphy
Phys. Edu.	136	Gym	137	Knox
Physics	41	Gym 1	41	Gaines
Psychology		211	121	Mrs. Tucker
Pub. Speaking	131	304	132	Fallis
Sociology	137	205	145	W. C. Smith
Spanish (2 Sec.)	21	106, 207	21	Staff
Spanish	32	B106	32	Miss Clark

For the other M. W. F. classes see next page.

MON.—WED.—FRI.

Subject	Fall No.	Room No.	Spring No.	Teacher
12:00				
Band (Also T. T. S.)		Band Room		Sammis
English	138	219		Miss Smith
German	31	15	31	Miss Ascher
H. E. (Foods) Also at 11:00	112	316	.....	Miss Enlow
H. E. (Clothing) Also at 11:00	23	317	23	Miss Enlow
Mathematics	12b	210	117	Miss Shelburne
Phys. Edu. (2nd Yr. Boys)	Tennis, Volley Ball	Gym	Volley Ball Golf	Knox
1:00				
Art (1:00-3:00)	12	310	12	Ziegler
Art (1:00-3:00)	22	310	22	Ziegler
Art	24	310	24	Ziegler
Art (1:00-3:00)	32	310	32	Ziegler
Art (1:00-3:00)	42	310	42	Ziegler
Chris. Min. (1:00-2:30 W. F.)	63a	B203	63b	Billington
Church History (1:00-2:30 W. F.)	158	205	152	Hall
Commerce (Penmanship)	203	B101	203	Miss Williamson
2:00				
Philosophy	50	116	50	McDiarmid
Phys. Edu. (1st & 2nd Yr. Boys)	Swimming	Gym	Advance Swimming and Life Sav.	Knox
Phys. Edu. (2nd Yr. Girls)	Sports	Gym	Sports	Mrs. Murphy
7:00-10:00				
Education (M.)	50	1	50	R. A. Smith

For the T. T. S. classes see next page.

TUES.—THURS.—SAT.

Subject 8:00	Fall No.	Room No.	Spring No.	Teacher
Art (Int. Dec.)	34	310	34	Ziegler
Bible	127	B204		Hutton
Biology (Tu) (Quiz Sections F. 10:00)	11	Chapel	11	Staff
Chemistry	45	Amph.	45	Whitman
Commerce	31	B103	31	Ballard
Commerce	136	B104	.....	Miss Williamson
Economics		207	142	Ashburn
Education	132	1	133	Crouch
Education	136	15	134	Jones
English	24a	217	24b	Staff
Government	120	2	120	Jno. McDiarmid
Greek	36	B206	36	Morro
History	53a	203	53b	Roberts
H. E. (Foods) Also at 9:00	14	317	14	Miss Enlow
Journalism	131	Gym 2	138	Ridings
Library Science	120	206		Curry
Mathematics	22a	110	22b	Sherer
Philosophy		204	123	Mrs. Tucker
Phys. Edu. (Girls)	141	Gym	140	Mrs. Murphy
Psychology	121	204	.....	Miss Trippet
Pub. Sch. Mus.	42	306	42	Sammis
Pub. Speaking	127	309	128	Miss Moore
Pub. Speaking	47	304	47	Fallis

For 9:00 o'clock classes see next page.

TUES.—THURS.—SAT.

Subject 9:00	Fall No.	Room No.	Spring No.	Teacher
Art (Com. 9:00-11:00)	17	310	17	Ziegler
Art (Com. 9:00-11:00)	27	310	27	Ziegler
Bible		B204	117	Hutton
Bible (O. T.)	151	B203	.....	Cameron
Biology	22a	Biol. Lab.	22b	Staff
Commerce	133	B103	140	Ballard
Commerce (Shorthand)	201	B101	201	Miss Williamson
Economics (3 Sec.)	21	Amph., 212, 14	21	Elliott & Staff
Economics	132	205	139	Ashburn
Education	23a	15	23b	Jones
English (3 Sec.)	11a	7, 218, 219	11b (2 Sec.)	Staff
English		2	11a	Staff
English	24a	1	24b	Staff
English	35	217	35	Miss Major
French	31	107	31	Miss Bales
German	11	8	11	Miss Ascher
Government	12a	206	12b	Mrs. Sherer
Government	114	B104		Jno. McDiarmid
Government	133	207	134	Lord
Greek	22	B206	22	Morro
History		210	12a	Staff
History	46a	203	46b	Hammond
History	51a	201	51b	Roberts
H. E. (Foods) Also at 8:00	14	317	14	Miss Enlow
Journalism	40	Gym 2	40	Ridings
Mathematics	125	210	.....	Tucker
Music	41	306	41	Staff
Philosophy	123	204	123	McDiarmid
Phys. Edu. (1st Yr. Boys)	Swimming	Gym	Team Sports	Staff
Phys. Edu. (2nd Yr. Boys)	Boxing, Hand Ball	Gym	Boxing and Hand Ball	Staff
Phys. Edu. (1st Yr. Girls)	Natural Phys. Ed.	Gym	Natural Phys. Ed.	Mrs. Murphy
Phys. Edu.	149	Gym	146	Knox
Phys. Edu.		Gym	146	Mrs. Murphy
Physics (T. T.)	11	Gym 1	11	Gaines
Pub. Sch. Mus.	22	306	22	Sammis
Rel. Edu.	152	B201	159	Pickerill
Spanish (2 Sec.)	11	110, 211	11	Staff
Spanish	21	209	21	Staff
Spanish	41	106	41	Mrs. Brockette

For 10:00 o'clock classes see next page.

TUES.—THURS.—SAT.

Subject 10:00	Fall No.	Room No.	Spring No.	Teacher
Art (10:00-12:00)	12, 22, 32, 42	310	12, 22, 32, 42	Ziegler
Bible	121	B203		Billington
Bible	117	B204	127	Hutton
Biology	34	Biol. Lab.	34	Staff
Commerce	130	B101	131	Miss Williamson
Commerce	41	B103	41	Ballard
Economics	130	2	140	Ashburn
Economics	50	212	50	Elliott
Education	11a	1	11b	Crouch
Education	41	15	41	Jones
English	11b	217	.....	Staff
English	24a	219	24b	Staff
English	139	218	133	Clubb
French	21	206	21	Staff
French	132	107	136	Combs
Government (3 Sec.)	12a	Amph., 207, 14	12b	Mrs. Sherer & Staff
Government	120	209	120	Jno. McDiarmid
History (2 Sec.)	12a	201, 203	12a	Hammond and Welty
H. E. (Foods) Also at 11:00	22	317	22	Miss Enlow
Latin	20	110	20	Mrs. Ellis
Mathematics	12a	210	12b	Miss Shelburne
Music	21	306	21	Miss Boyd
Music	143	306	142	Guelick & Sammis
Philosophy	122	204	.....	McDiarmid
Philosophy	123	211	.....	Mrs. Tucker
Phys. Edu. (1st Yr. Boys)	Team Sports	Gym	Team Sports	Knox
Phys. Edu. (1st Yr. Girls)	Elem. Swimming	Gym	Elem. Swimming	Mrs. Murphy
Physics	27	Gym 1	27	Gaines
Psychology		7	132	Miss Trippet
Psychology		211	141	Mrs. Tucker
Psychology	139	B104	.....	Leftwich
Pub. Speaking	125	304	135	Miss Moore
Spanish	21	8	21	Staff
Spanish	133	106	134	Miss Carter
Rel. Edu.	132	B201	135	Pickerill

For 11:00 and 12:00 o'clock classes see next page.

TUES.—THURS.—SAT.

Subject 11:00	Fall No.	Room No.	Spring No.	Teacher
Bible	121	B203	121	Cameron
Biology (T.)	27	Biol. Lab.	27	Staff
Chemistry	34	Amph.	34	Hogan
Commerce	39	B103	39	Ballard
Education	41	1	41	R. A. Smith
English	24a	219	24b	Staff
English	54a	218	54b	Clubb
Geology	29	Geol. Lab.	29	Staff
Geology (T. Th.)	31b	Geol. Lab.	35b	Staff
Government		207	12a	Mrs. Sherer
Government	50	205	50	Lord
History	32a	203	32b	Welty
H. E. (Clothing) Also at 12:00		317	111	Miss Enlow
H. E. (Foods) Also at 10:00	22	317	22	Miss Enlow
Journalism	135	Gym 3	136	Cowan
Music	12	306	12	Mrs. Cahoon
Music	133	306		Sammis
Music		306	144	Guelick
Philosophy		14	123	Mrs. Tucker
Philosophy	125	204	139	McDiarmid
Phys. Edu. (2nd Yr. Boys)	Team Sports	Gym	Team Sports	Staff
Phys. Ed. (1st Yr. Girls)	Sports	Gym	Sports	Mrs. Murphy
Phys. Ed.	142	Gym	144	Knox
Psychology	121	211	.....	Mrs. Tucker
Psychology	137	210	.....	Miss Trippet
Pub. Speaking	11	304	11	Miss Moore
Sociology	24	206	24	W. C. Smith

12:00				
Algebra	Tutor	14	Tutor	
Band (Also M. W. F. 12:00)		Band Room		Sammis
Bible	143	B106	143	Lockhart
English (2 Sec.)	11a	7, 218	11b	Staff
English		204	11a	Staff
English	24b	217	146	Miss Major
French (2 Sec.)	11	107, 203	11	Staff
French (2 Sec.)	21	210, 211	21	Staff
Government	12a	207	12b	Ashburn
H. E. (Clothing) Also at 11:00		317	111	Miss Enlow
Journalism (T.) (Other hours arranged)	33	Gym 2	33	Ridings, Cowan
Mathematics		110	12a	Miss Shelburne
Music (Chorus S.) (Also T. T. 4:30)	24	Chapel	24	Mrs. Cahoon
Pub. Speaking	24	304	24	Fallis
Spanish	21	106	21	Staff

For the other T. T. S. classes see next page.

TUES.—THURS.—SAT.

Subject	Fall No.	Room No.	Spring No.	Teacher
1:00				
Chris. Min. (T. Th. 1:00-2:30)	151	B204	164	Hutton
Chris. Min. (T. Th. 1:00-2:30)	165	B201	162	Billington
Psychology (T. Th.)		B305	124	Miss Trippet
1:30				
Music (T. T.)	23		23	Sammis
H. E. (Foods)	34	317	34	Miss Enlow
Orchestra (T. Th.)		.....	.....	Sammis
2:00				
Phys. Edu.	D	For Men Majors	D	Knox
2:30				
Rel. Ed. (T. T.)	51a	B201	51b	Pickerill
4:30				
Music (T. T.) (Chorus) (Also S. 12:00)	24	Chapel	24	Mrs. Cahoon
7:00				
Education (Th.)	65	1	65	R. A. Smith

See next page for the freshman schedule.

FRESHMAN CLASS SCHEDULE FOR SESSION 1932-33

The letter "B" prefixed to a room number means that the room is in Brite College; Gym, in the basement of the gymnasium; Biology and Geology "Labs" are in basement of Clark Hall; Chemistry "Lab" is in basement of Goode Hall. All other rooms are in the Administration Building.

First meeting of Freshmen M. W. F. classes, Monday, September 19th.

First meeting of all T. T. S. classes, Tuesday, September 20th.

For an explanation of mathematics courses, 12 and 13, see the Department of Mathematics, page 138.

MON.—WED.—FRI.

Subject	Fall No.	Room No	Spring No.	Teacher
8:00				
English (3 Sec.)	11a	2, 8, 201	11b (2 Sec.)	Staff
French	11	107	11	Staff
Geology (W. F.)	18	Amph.	18	Staff
H. E. (Clothing) Also at 9:00	13	317	13	Miss Enlow
Mathematics (2 Sec.)	12a	110, 210	12b	Staff
Pub. Sch. Art	11	310	11	Ziegler
Spanish (2 Sec.)	11	14, 211	11	Staff
Spanish	21	106	21	Staff
9:00				
Commerce (Typewriting)	202	B101	202	Miss Williamson
English (By invitation)	11a	217	11b	Staff
History 2 Sec.)	12a	201, 203	12b	Hammond, Welty
H. E. (Clothing) Also at 8:00	13	317	13	Miss Enlow
Music	11	304	11	Guelick
Phys. Edu. (1st Yr. Girls)	Swimming	Gym	Swimming	Mrs. Murphy
10:00				
Biology (F) (Freshmen and Sophomores)	11	Quiz Sections	11	Staff
Chapel	Freshmen and Sophomores (M. W.).			

For the other M. W. F. classes see next page.

MON.—WED.—FRI.

Subject	Fall No.	Room No.	Spring No.	Teacher
11:00				
Bible	117	B204	117	Hutton
Bible (Ministerial Students)	119	B203	(Ministerial Students)	Cameron
Chemistry	11	Amph.	11	Whitman
English (3 Sec.)	11a	7, 219, 217	11b (2 Sec.)	Staff
French	11	2	11	Staff
Government (2 Sec.)	12a	14, 206	12b	Mrs. Sherer & Staff
H. E. (Foods) Also at 12:00	112	317	.....	Miss Enlow
Latin	10	15	10	Mrs. Ellis
Mathematics (2 Sec.)	13a	110, 210	13b	Staff
Music	13, 14	306	13, 14	Staff
Phys. Edu. (1st Yr. Boys)	Team Sports	Gym	Team Sports	Staff
Phys. Edu. (1st Yr. Girls)	Sports	Gym	Sports	Mrs. Murphy
Spanish (2 Sec.)	21	106, 207	21	Staff
12:00				
Band (Also T. T. S.)		Band Room		Sammis
H. E. (Foods) Also at 11:00	112	316	.....	Miss Enlow
1:00				
Art (1:00-3:00)	12	310	12	Ziegler
2:00				
Phys. Edu. (1st Yr. Boys)	Swimming	Gym	Swimming & Life Sav.	Knox

For T. T. S. classes see next page.

TUES.—THURS.—SAT.

Subject	Fall No.	Room No.	Spring No.	Teacher
8:00				
Biology (Tu) (Quiz Sections F. 10:00)	11	Chapel	11	Staff
H. E. (Foods) Also at 9:00	14	317	14	Miss Enlow
9:00				
Art (Com. 9:00-11:00)	17	310	17	Ziegler
Commerce (Shorthand)	201	B101	201	Miss Williamson
English (3 Sec.)	11a	7, 218, 219	11b (2 Sec.)	Staff
German	11	8	11	Miss Ascher
Government	12a	206	12b	Mrs. Sherer
Government	114	B104		Jno. McDiarmid
H. E. (Foods) Also at 8:00	14	317	14	Miss Enlow
Phys. Edu. (1st Yr. Boys)	Swimming	Gym	Team Sports	Staff
Phys. Edu. (1st Yr. Girls)	Natural Phys. Ed.	Gym	Natural Phys. Ed.	Mrs. Murphy
Physics (T. T.)	11	Gym 1	11	Gaines
Spanish (2 Sec.)	11	110, 211	11	Staff
Spanish	21	209	21	Staff

For the other T. T. S. classes see next page.

TUES.—THURS.—SAT.

Subject	Fall No.	Room No.	Spring No.	Teacher
10:00				
Art (10:00-12:00)	12	310	12	Ziegler
Bible	117	B204		Hutton
Education	11a	1	11b	Crouch
French	21	206	21	Staff
Government (3 Sec.)	12a	Amph., 207, 14	12b	Mrs. Sherer & Staff
History (2 Sec.)	12a	201, 203	12a	Hammond, Welty
Latin	20	110	20	Mrs. Ellis
Mathematics	12a	210	12b	Miss Shelburne
Phys. Edu. (1st Yr. Boys)	Team Sports	Gym	Team Sports	Staff
Phys. Edu. (1st Yr. Girls)	Elem. Swimming	Gym	Elem. Swimming	Mrs. Murphy
Spanish	21	8	21	Staff
11:00				
Music	12	306	12	Mrs. Cahoon
Phys. Ed. (1st Yr. Girls)	Sports	Gym	Sports	Mrs. Murphy
Pub. Speaking	11	304	11	Miss Moore
12:00				
Algebra	Tutor	14	Tutor	
Band (Also M. W. F. 12:00)		Band Room		Sammis
English (2 Sec.)	11a	7, 218	11b	Staff
French (2 Sec.)	11	107, 203	11	Staff
French (2 Sec.)	21	210, 211	21	Staff
Government	12a	207	12b	Ashburn
Music (Chorus S.) (Also T. T. 4:30)	24	Chapel	24	Mrs. Cahoon
Spanish	21	106	21	Staff
1:30				
Orchestra (T. Th.		.....	.....	Sammis
4:30				
Music (T. T.) (Chorus) (Also S. 12:00)	24	Chapel	24	Mrs. Cahoon

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