

TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

CATALOGUE 1920-1921

WITH ANNOUNCEMENT OF COURSES
FOR 1921-1922



ADD-RAN COLLEGE OF ARTS AND SCIENCES
BRITE COLLEGE OF THE BIBLE
SCHOOL OF FINE ARTS
SCHOOL OF HOME ECONOMICS

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AN IDEAL EDUCATION

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

--Luke 1:52

CALENDAR

Session 1921-22.

Summer Term 1921

Registration for Summer School.....	June 10, 11, 13.
Summer Term Opens.....	June 13.
Summer Term Examinations.....	August 16, 17, 18, 19.
Summer Term Closes.....	August 19.

Fall Term

Entrance Examinations	September 15, 16, 17.
Enrollment for Fall Term.....	September 19, 20.
First Meeting of Classes.....	Wednesday, September 21.
Convocation Sermon	Sunday, September 25.
Formal Opening Exercises.....	Tuesday, September 27.
Mid-Term Fall Examinations.....	October 26, 27, 28, 29.
Thanksgiving Holidays	November 24, 25, 26.
Old Men's Declamatory Contest.....	Friday, December 2.
Final Fall Examinations.....	December 17, 19, 20, 21.
Fall Term Closes.....	December 21.

Winter Term

Winter Term Enrollment, Old Students	December 19, 20, 21.
Winter Term Enrollment, New Students	December 30, 21, Jan. 2.
Winter Term Begins.....	Monday, January 2.
First Meeting of Classes.....	Tuesday, January 3.
Preliminary Triangular Debate.....	Friday, January 20.
Preliminary S. M. U. and P. U. Debates	February 3.
Mid-Term Examination	February 8, 9, 10, 11.
Board of Trustees, Annual meet- ing	February 7, 8.
Triangular Debate	Friday, February 17.
Washington's Birthday Program, Holiday	February 22.
New Men's Declamatory Contest.....	Friday, February 24.
State Oratorical Preliminary.....	Friday, March 10.
S. M. U. Debate.....	
Winter Term Final Examinations.....	March 15, 16, 17, 18.
Winter Term Ends.....	March 18.

Spring Term

Spring Term Enrollment.....	March 16, 17, 18, 20.
Spring Term Begins.....	March 20.
Intercollegiate Field Day.....	Saturday, April 1.
State Oratorical Contest.....	Friday, April 14.

Commencement Season

Joint Session of the Literary So- cieties	Friday, May 26.
Recital, Fine Arts Department.....	June 1, 2.
Reed Oratorical Contest.....	Saturday, June 3.
Baccalaureate Sermon	June 4, 11 A. M.
Bible College Address.....	June 4, 7 P. M.
Trustees Meeting	Monday, June 5.
Class Day Exercises	Monday, 7 P. M., June 5.
Commencement Exercises	Tuesday, June 6, 10 A. M.
Alumni Reunion and Banquet.....	Tuesday, June 6.
Spring Examinations Final.....	June 5, 7, 8, 9.
Summer Term Opens	June 12.
Summer Term Closes	August 18.

BOARD OF TRUSTEES

EXECUTIVE BOARD

Term Expires 1922

S. P. Bush	Allen, Texas
George W. Cole, Jr.	Belton, Texas
James Harrison	Fort Worth, Texas
J. C. Smith	Vernon, Texas
W. W. Mars	Fort Worth, Texas

Term Expires 1923

R. L. Couch	Dallas, Texas
Dan D. Rogers	Dallas, Texas
Andrew Sherley	Anna, Texas
Dr. Bacon Saunders	Fort Worth, Texas
T. C. Morgan	Longview, Texas

Term Expires 1924

W. E. Gee	Amarillo, Texas
C. F. Spencer	Wichita Falls, Texas
Van Zandt Jarvis	Fort Worth, Texas
David Reed	Austin, Texas
T. E. Tomlinson	Hillsboro, Texas

Term Expires 1925

H. M. Durrett	Fort Worth, Texas
R. M. Rowland	Fort Worth, Texas
S. J. McFarland	Dallas, Texas
D. G. McFadin	Austin, Texas
H. W. Stark	Gainesville, Texas
L. C. Brite	Marfa, Texas

Officers of Board

S. J. McFarland	President
H. W. Stark	Vice-President
R. M. Rowland	Attorney
W. P. Jennings	Secretary

BOARD OF TRUSTEES

Advisory Board—Term One Year

W. A. Darter.....	Fort Worth,	Texas
Mrs. Ida V. Jarvis.....	Fort Worth,	Texas
Mrs. H. B. Herd.....	Fort Worth,	Texas
Mrs. J. N. Winter.....	Fort Worth,	Texas
Mrs. J. B. Davis.....	Fort Worth,	Texas
William Kilgore.....	Gainesville,	Texas
Dr. J. R. Knight.....	Eddy,	Texas
T. S. Reed.....	Beaumont,	Texas
Gen. K. M. Van Zandt.....	Fort Worth,	Texas
C. W. Bacon.....	Abilene,	Texas
Mrs. V. A. King.....	Greenville,	Texas
L. D. Anderson.....	Fort Worth,	Texas
Chalmers McPherson.....	Fort Worth,	Texas
Cephas Shelburne.....	Sherman,	Texas
E. C. Mobley.....	Amarillo,	Texas
A. D. Rogers.....	Denton,	Texas
Graham McMurray.....	Greenville,	Texas
J. W. Kerns.....	Waco,	Texas
A. E. Ewell.....	Houston,	Texas
Dr. S. A. Woodward.....	Fort Worth,	Texas
W. A. Brooks.....	Forney,	Texas
J. Allen Myers.....	Bryan,	Texas
W. H. Bush.....	Greenville,	Texas
Mrs. A. A. Hartgrove.....	Millerview,	Texas
Charles Halsell.....	Bonham,	Texas
John G. Slayter.....	Dallas,	Texas
F. N. Calvin.....	Corsicana,	Texas
E. H. Holmes.....	Cisco,	Texas
J. W. Gates.....	Coleman,	Texas
Walter P. Jennings.....	Fort Worth,	Texas
T. E. Shirley.....	Hereford,	Texas
Dr. R. H. Gough.....	Fort Worth,	Texas
H. M. Bandy.....	Alpine,	Texas
Mrs. Lee Bivens.....	Amarillo,	Texas
Mrs. Quincy Getzendaner.....	Waxahachie,	Texas
C. C. Huff.....	Dallas,	Texas
W. W. Phares.....	Dallas,	Texas
J. E. Lancaster.....	Plainview,	Texas
C. B. Reeder.....	Amarillo,	Texas
E. S. Bledsoe.....	Hillsboro,	Texas
L. B. Haskins.....	Dallas,	Texas
Randolph Clark.....	Stephenville,	Texas
John Keevil.....	Wichita Falls,	Texas
Hugh McLellan.....	San Antonio,	Texas
H. C. Garrison.....	Austin,	Texas

STANDING COMMITTEE OF TRUSTEES

Executive

S. J. McFARLAND *Chairman Ex-Officio*
 R. M. ROWLAND, *Chairman Pro tem.*
 H. M. DURRETT JAMES HARRISON
 VAN ZANDT JARVIS H. W. STARK
 DR. BACON SAUNDERS

Finance

VAN ZANDT JARVIS, *Chairman*
 DAVID REED ANDREW SHERLEY
 JAMES HARRISON T. E. TOMLINSON

Buildings and Grounds

W. W. MARRS, *Chairman*
 GEORGE W. COLE S. P. BUSH
 L. C. BRITE J. C. SMITH

Auditing

H. W. STARK, *Chairman*
 DAN D. ROGERS W. E. GEE

Faculty

R. L. COUCH, *Chairman*
 T. C. MORGAN D. G. McFADIN
 DR. BACON SAUNDERS DAN D. ROGERS

R. M. ROWLAND

Endowment Funds

S. J. McFARLAND *Chairman*
 ANDREW SHERLEY VAN ZANDT JARVIS

ADMINISTRATIVE OFFICERS

E. M. WAITS.....*President*
 COLBY D. HALL.....*Dean*
 H. M. DURRETT.....*Business Manager*
 B. S. SMISER.....*Ass't. Bus. Manager*
 W. P. JENNINGS.....*Chaplain*
 W. E. BRYSON.....*Secretary of the Faculty*
 NELL ANDREW.....*Librarian*
 LILLIAN DURRETT.....*Registrar*
 SAMUEL ANDREW WOODWARD, M. D., F. A. C. S.....
*Medical Director*
 MRS. SADIE BECKHAM.....*Lady Principal*
 MRS. ANNA S. RATLIFF.....*Ass't. Lady Principal*
 EDWIN E. ELLIOTT.....*Proctor of Clark Hall*
 W. L. DRIVER.....*Director of Athletics*

FACULTY

EDWARD McSHANE WAITS, A. B. (Transylvania).

President of the University.

CLINTON LOCKHART, A. B., A. M. (Transylvania); Ph. D. (Yale); L. L. D.

Professor of Hebrew and Greek.

*EGBERT R. COCKRELL, A. M. (Drake) LL. M. (Drake Law).

Professor of Social Science.

COLBY D. HALL, A. B. (Transylvania); A. M. (Columbia).

Dean of the University and of the Brite College of the Bible. Professor of English Bible.

WILL McCLAIN WINTON, B. S., M. S. (Vanderbilt).

Professor of Biology and Geology.

CHALMERS McPHERSON

Professor of New Testament Christianity. Brite College of the Bible.

WALTER E. BRYSON, A. B. (Transylvania); A. M. (Harvard).

Professor of English.

CHARLES H. ROBERTS, A. B. A. M. (T. C. U.).

Professor of History.

J. K. RICHARDS, A. B.; A. M., (Columbia).

Professor of French and German.

ERRETT WEIR McDIARMID, A. B. (Bethany); A. M. (Butler); A. M. (Hiram).

Professor of Philosophy.

JOHN DAVIS, B. S. (Kansas State Ag. Col.).

Professor of Chemistry.

A. J. HARGETT, A. B. (Transylvania); A. M.

Professor of Mathematics.

*Resigned April, 1921, to become Mayor of Fort Worth.

Arranged in groups, first Professors, then Associates, Assistants, Instructors. Within each group academic seniority is observed. The Colleges are given first, then the Schools.

RAYMOND A. SMITH, A. B. (Butler); A. M. (Univ. of Indianapolis); B. D. (Yale).

Professor of Education.

JOHN LORD, A. B. (Transylvania); A. M. (Syracuse). Ph. D. (Syracuse).

Professor of Political Science.

F. E. BILLINGTON, A. B. and A. M. (Oregon); B. D. (Eugene B. U.).

Professor of Religious Education.

Brite College of the Bible.

F. WOODALL HOGAN, B. S., M. S. (Vanderbilt).

Associate Professor of Organic Chemistry.

WARNER E. GETTYS, A. B. (Hiram), A. M. (Ohio State)

Professor of Sociology and Economics.

MERRIT L. HOBLIT, A. B. (Chicago University).

Professor of Spanish and Latin.

MABEL MAJOR, A. B., B. S., A. M. (Missouri U.).

Assistant Professor of English.

REBECCA SMITH, A. B. (Ky. U.); A. M. (Columbia).

Assistant Professor of English.

G. W. DUNLAVEY, B. S., A. B. (Iowa State Normal).

Assistant Professor of History.

E. R. TUCKER, A. B., M. S. (T. C. U.).

Assistant Professor of Mathematics.

GAYLE SCOTT, A. B., M. S. (T. C. U.).

Instructor in Geology.

HORTENSE WINTON,

Instructor in Biology.

FRANK COUNCIL, A. B. (T. C. U.).

Instructor in Biology.

MRS. LILY R. DAVIS,

Instructor in Chemistry.

Schools

CARROLL C. MCKEE, A. B., (Westfield Col.); B. Music
(Detroit Conservatory).

Dean of School of Fine Arts. Professor of Piano.

MRS. DURA-BROKAW COCKRELL, A. B. (Drake), A. M.
(T. C. U.).

Professor of Art.

MRS. CARL RUPP DOERING, Graduate, Royal Conserva-
tory of Music.

Professor of Piano.

LAWRENCE D. ANDREWS

Professor of Piano.

BERTHA ANN COOPER, Graduate Olivet College.

Professor of Voice.

ELLIOTT TODHUNTER, A. B. (Central College).

Professor of the Spoken Word.

RALPH UNIACKE,

Professor of Violin.

MRS. ANNA W. WHITELOCK,

Professor of the Dunning System of Music.

GLADYS TURNER, A. B. (Potter).

Professor of Home Economics.

Assistant Professor of Voice.

LUCILLE DURRETT,

Instructor in Piano.

ERSKINE LONG,

Instructor in the Spoken Word.

Instructor in Home Economics.

Instructor in Physical Culture.

COMMITTEES OF THE FACULTY

- Classification and Curriculum.** Dean Hall Chairman.
Professors, Lockhart, Winton, Bryson, Lord, Roberts-
- Publication:** Professor Bryson, Chairman.
Professors Davis, Hall and the Business Manager.
- Library:** Professor Lockhart, Chairman.
Miss Smith Miss Nell Andrew.
- Recommendation of Teachers:** Professor R. A. Smith,
Chairman .
Professors, Roberts, Billington.
- Chapel:** President Waits, Chairman
Professors, McKee, Hargett, Tucker.
- Public Speaking:** Miss Todhunter, Chairman.
Professor Bryson, and Professor of Economics.
- Athletics:** Professor McDiarmid, Chairman.
Professors, Scott, Lord, Driver.
- Lectures:** Professor McKee, Chairman
Miss Andrew, Miss Smith and Miss Major.
- Literary Societies:** Professor Hargett, Chairman.
Professors Lockhart, Andrews, Miss Long.
- Student Government:** Professor Dunlavy, Chairman
*Professors, McDiarmid, Lord, Mrs. Beckham and
Mr. Elliott.*
- Social Calendar:** Mrs. Beckham, Chairman.
*Professors Scott and Hogan, Mr. Elliott and Presi-
dent of Student Body.*
- Student Advisors:** Professor Winton, Pre-medics
*Professor of Political Science, Pre-legal
Professor Smith, Teachers
Professor Bryson, Journalism
Professor of Major Department, for Seniors and
Juniors.*

INTRODUCTION

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 Springs, 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 contracted 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 secretarian principles. In accordance with the provision of the charter a faculty was elected with Addison Clark as President, Randolph Clark, Vice President, and J. A. Clark, Business Manager.

While the college was founded as a private institution and continued as such for seventeen years, yet 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 adopted and indorsed, unanimously, 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 Springs to a more advantageous location where the life of some city might enlarge the opportunities of culture afforded the students, and from which the institution might more effectively reach the state at large. Waco was favorably considered. An educational movement on the part of the Methodist church had established the Waco Female College. Financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church. On Christmas, 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 will of necessity attend all transplanting, but with steadfast faith a few heroic souls, chief among whom should be mentioned Thornton E. Sherley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly indeed but never-the-less 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 old Add-Ran its splendid integrity of character, is dominating the activities of the institution as it advances to possess 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 designation of the College of Arts and Sciences, the central college of the University. This name, composed of the first syllables of the names Addison and Randolph, was a personal name of a younger brother; and was given to the College as a memorial after his demise at an early age.

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 which 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 six great buildings of brick and concrete of symmetrical architecture, and the campus has been beautified by walks, shrubbery, flowers, and athletic courts.

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

MILESTONES OF HISTORY.

- 1873—Founding of Add-Ran College.
 1889—Add-Ran Christian University name adopted and property taken over by the Christian Churches.
 1895—Christmas, moved to Waco.
 1902—Name changed to Texas Christian University.
 1910—March 22, Main Building destroyed by fire.
 1910—September, school opened in Fort Worth, downtown.
 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.
 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.
 1915—Complete separation of Academy.
 1918—Medical College closed.
 1920—\$300,000, in Endowment attained.
 1920—Law School closed.
 1921—Academy finally closed.
 1921—The Gymnasium completed.

AMENDED CHARTER OF TEXAS CHRISTIAN UNIVERSITY

The State of Texas, McLennan County.

By virtue of the authority conferred by the laws of the State of Texas (Revised Statutes of Texas, Title XXI, Chapter 2, Article 647) Texas Christian University, an educational corporation created under the laws of said State, hereby adopts the following amendments to its Charter and presents the same to be filed in the office of the Secretary of State. This action is taken by the Board of Trustees of said corporation and in pursuance of a resolution adopted at a regular session of said Board. Said corporation was first created under the name of Add-Ran Christian University, by charter filed in the office of the Secretary of State on October 5, A. D. 1889. An amended charter was filed in the same office by said corporation, on December 28, A. D. 1895. A further amendment, by which, among other things, the name of said corporation was changed to Texas Christian University, was filed in the same office by such corporation, on June 10, A. D. 1902. The amended charter now adopted, which is substituted for the said preceding charters, of which all the provisions not herein contained are abandoned, and under which said corporation is hereafter to be continued, is as follows:

Article I.

The name of this corporation shall be Texas Christian University.

Article II.

The purpose for which this corporation is formed is the support of an educational undertaking, to-wit: The establishment and maintenance of an institution of learning of university rank, for the education and training of students in the arts, sciences and languages, and in all branches of learning, under Christian influence, so that such education shall include due regard to moral and religious development and competent instruction in the Holy Scriptures.

There is also included in its purposes the acquisition, establishment and maintenance of auxiliary and correlated schools and school property at such points in the State of Texas as may be found advisable, to be under the same general management and conducted with the same aims.

Article III.

The place or places where the business of this corporation is to be transacted shall be at the City of Waco, in McLennan County, Texas, where its University is now located, but not necessarily within the corporate limits of said city. But such business affairs of its auxiliary and correlated schools as may by the corporation be committed to local boards, governing bodies or faculties may be transacted at the places where such auxiliary schools may be established.

Article IV.

This corporation shall exist for a term of fifty years from the date of the filing of its original charter.

Article V.

The number of Directors (known in this corporation as Trustees) shall be thirteen, and the names and residences of those who are appointees for the present year are as follows: (Name omitted.)

Article VI.

This corporation will issue no capital stock. The estimated value of the goods, chattels, lands, rights and credits owned by the corporation is Two Hundred and Fifty Thousand Dollars.

In witness whereof the subscribers, Trustees as aforesaid hereto set their hands. (Names omitted.)
State of Texas,
County of McLennan.

At a regular meeting of the Board of Trustees of Texas Christian University held at Waco, Texas, on the 8th day of June, 1910, * * * the following resolution was adopted:

"It is hereby resolved that the articles of incorporation of Texas Christian University as set forth in its amended charter filed in the office of the Secretary of State on May 31, 1906, are hereby amended in the following particulars:

"ARTICLE III is amended so as to read: 'The place or places where the business of this corporation is to be transacted shall be the city of Fort Worth, in Tarrant County, Texas, where its University will be located, but not necessarily within the corporate limits of said city. But such business affairs of its auxiliary and correlated schools as may by the corporation be committed to local boards, governing bodies or faculties, may be transacted at the places where such auxiliary schools may be established.'

"ARTICLE V is hereby amended so as to fix the number of its trustees at twenty-one instead of thirteen.

"And it is further resolved that the said amendments be authenticated in the manner required by the statutes of Texas, and filed with the Secretary of State."

(The above amendments were adopted.)

ENDOWMENT.

† Texas Christian University is now pushing in a quiet way the Endowment Fund for \$1,000,000. Since last June approximately \$300,000 has been paid into the Permanent Endowment Fund. Among the outstanding donors are Mrs. Ida V. Jarvis, Fort Worth, \$60,000; Andrew Sherley, Anna, \$100,000; David Reed, Austin, \$25,000; H. W. Stark, Gainesville, \$25,000; T. S. Reed, Beaumont, \$10,000; L. C. Brite, Marfa, \$25,000; Dr. S. D. Moore, Van Alstyne, \$5,000. \$30,000 has also been pledged and collected for a Chair of Religious Education. These funds are in the custody of an Endowment Committee composed of S. J. McFarland, Andrew Sherley, and Van Zandt Jarvis.

STANDARDS IN THE EDUCATIONAL WORLD

From the earlier days of the school, before standards for colleges were in use, the Clarks aspired to a rank second to none, and a thoroughness that would

make the name of the school distinctive. Add-Ran was one of the earliest of the schools to be allowed by the Department of Education to count its work for Teachers Certificates.

As the standards for Colleges have been more definitely determined and have risen, Texas Christian University has faithfully tried not only to attain to them, but also to lend its influence in fostering better standards. 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 branches. The Committee from the Council on Education of the American Medical Association inspected the school in 1916 and approved it for pre-medical work.

For years it was thought sufficient to meet the announced standards of Texas groups; but recently it has become advantageous to find connections with bodies representing larger sections and the nation. Texas Christian University has its application pending for membership in the Southern Association of Colleges and Secondary Schools and now maintains membership in the following organizations:—

- The Association of Texas Colleges.
- The American Association of Colleges.
- The National Teachers Association.
- The Board of Education of the Disciples of Christ.
- The Council of Church Boards of Education.

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.

Fort Worth is a growing city of 150,000 population, in many ways an ideal city for university work. It is the railway center of the Southwest, and provides quick and adequate train connections and 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 philanthropical organizations; its public educational facilities are excellent; it has many private schools and two other institutions of higher learning. Fort Worth, as well as the University offers opportunity for frequent visits and lectures from distinguished men and women from all parts of the nation, and the entire environment is conducive to the best college and university life. The location of the University is unsurpassed. The elevation offers a commanding view of the city and large vistas of the surrounding country.

Buildings

The Administration Building is a massive, four-story structure, built of re-enforced concrete throughout, faced with cream-colored brick, and is absolutely fireproof. Floors, ceilings, staircases—all parts of the building except doors, windows and facing for them—are absolutely incombustible. 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 dormitory for young ladies is beautiful in form and finish and is an exquisite product of the builders' art. It has eighty rooms of ample size. Each room has two large clothes closets, water and electric lights, and is equipped with the most up-to-date 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 first-class hotel is provided. Thoroughness and comfort without extravagance is the guiding principle everywhere.

Clark Hall, a four-story concrete building, has been erected for young men in honor of the two brothers, Addison and Randolph Clark, founders of the institution. It has equal conveniences and equipments

with Jarvis Hall, described above. It will accommodate one hundred and fifty.

Brite Hall, named for L. C. Brite, by whom it was donated, is a beautiful new building, furnished for recitation rooms and library for the Brite College of the Bible. Its excellent chapel also serves as a religious meeting place for the University. This building is perhaps the neatest piece of architecture on the campus.

Goode Hall contains fifty-four living rooms, besides lavatories, dining hall, and kitchen. The building is designed especially for ministerial students, and affords an opportunity for securing room and board at an exceptionally low cost.

Gymnasium

The new gymnasium of Texas Christian University is one of the most complete buildings of its kind in the Southwest. The entire structure, which is modern in every particular, has a faint trace of the old Romanesque architecture. It is constructed so that it can be utilized by both the young men and young women of the University, and all will be required to carry a certain amount of physical training. The building cost \$175,000.

The first floor, which is a sub-story, contains the heavier games, bowling alleys. It also contains dormitories for visiting teams and quarters for the local squad. One section of this floor will also be devoted to the machinery for aerating the water in the big swimming pool. Machinery is being installed by which this water can be purified by the ultra-violet rays system and by means of a pumping system it will be kept daily in a state of circulation.

The second floor has club rooms for the young 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 beauty centers of this building. This floor will also contain the lockers, baths, rooms

for secretaries and physical examiners, and the big swimming pool which is 80 by 35 feet and 15 feet at its greatest depth.

The third floor is the gymnasium proper. There are also two courts for volley and handball. One of the greatest features is on this floor,—it is a social commons, a general meeting place for students, containing library and small games. This room can also be used as an assembly room for the building.

Laboratories

The laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of Chemistry, Physics, Biology and Geology. The laboratories are housed in the basement of Clark Hall which has been completely remodeled for the purpose. The crowded conditions of the past few years have been temporarily relieved. In each of the laboratories, provision is made for carrying out in full the courses outlined for the respective departments. The entire equipment is in constant and intelligent use.

The laboratories for **Biology** and **Geology** are in the south end of the basement of Clark Hall. These laboratories are amply equipped with sixty double nose-piece microscopes, four triple nose-piece microscopes, four binoculars, a projecting instrument, micro-projectors, dark-field illuminators, autoclaves, sterilizers, incubators animal cages mineral collections and other standard equipment—all of the most modern and approved design. Additional equipment for field work in **Geology** includes two Gurley alidades, ten Army sketching boards, prismatic compasses, aneroid barometers, and other reconnaissance and precision instruments.

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 alone a full serial arrangement by formations but also a number of rare type individuals of this geological age. The spirit of research is fostered and the climatic conditions permit field work practically the entire year. The researches 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. All may be purchased for a nominal sum. 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 the topography, a complete set of large relief maps and other teaching accessories.

The laboratories for **Chemistry** is in the north end of the basement of Clark Hall, and include separate laboratories for general inorganic chemistry, organic chemistry, analytical chemistry, besides adequate store rooms, and private laboratories.

The Laboratories for **Physics** occupy a series of rooms in the basement floor of the Main building, with demonstration lecture room, store room, balance room, and work room for students with tables and apparatus for complete handling of the courses offered.

Library

Texas Christian University Library occupies three large rooms in the Main Building, and one large one in the Brite College of the Bible, in which is housed the THEOLOGICAL LIBRARY.

From the founding of the present Library in 1910 (destroyed by fire), to date, the Library has secured 22,350 volumes, of which 8,688 are DOCUMENTS furnished by the U. S. Government. The DEWEY classification is used.

The Library contains a complete bound file of "SCIENCE" old and new series; a fine collection of TEXAS GEOLOGY, and PETROLEUM; and a splendid collection of literature by the present day writers.

ORGANIZATION OF THE UNIVERSITY.

In the organization of the University the same principles have been observed as obtained in the organization of the institution at the beginning. Texas Christian University is an association of schools and colleges under one management, directed to one common purpose. To a certain extent they are independent of one another; each has a distinct function, yet all partake of, and contribute to, the life and work of the University.

Departments of the University.

- I. Add-Ran College of Arts and Sciences.
- II. Brite College of the Bible.
- III. School of Fine Arts.
- IV. School of Home Economics.

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

Degrees

The College of Arts and Sciences confers the degrees of Bachelor of Arts, and Bachelor of Science, Master of Arts and Master of Science.

The College of the Bible confers the Bachelor of Divinity, and some Diplomas for specialized courses.

The School of Fine Arts confers no degrees but grants Diplomas of high order, and certificates.

No honorary degrees are ever given.

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 school-room instruction, there is nevertheless every care to throw about the student in his development 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 Advantages

The city of Fort Worth has many great churches and Sunday Schools, where every form of Christian activity is wisely directed under circumstances best suited to promote an intelligent faith, a consecrated

life, and an efficient service. The Faculty uses every reasonable incentive to keep the students in close touch with these centers of religious work. A pastor for the University and community devotes his entire time to the moral and religious needs of all. The University Church will afford such religious opportunities and activities as the students and people around the University require. The church is comfortably housed for the present in the splendid Brite College building; but means are now available by the benevolence of Mr. A. C. Parker for the erection of a magnificent church building, which will be a temple of beauty, a joy and a pride of the people of the great Southwest. All students of the University will find all their interests graciously looked after by the University Place Church.

The Young Men's Christian Association

From the earliest years, the Y. M. C. A. has been a factor for good in the University, in promoting the better moral influences among the boys, and in leavening their social life for good. Since the session of 1917, commodious quarters in the lower floor of Clark Hall have served as a valuable center for games, reading rooms and sociable times, with a paid Secretary in charge.

With the opening of the session of 1921-22 large and most attractive room will be provided in the new Gymnasium building for all social, and recreational activities, on a much larger scale than before. All of the features common in the city Associations will be available to the boys, with competent supervisors in charge.

Delegates attend each summer the Conferences for the College Associations and are trained volunteer leaders of student groups. Mission study and Bible Class groups are also fostered.

The Young Women's Christian Association

To have a "Y. W." of superior excellence with a group of leaders in which the school takes great pride, is one of the traditions of the school. Many of the elements of Christian home life to which the students have been accustomed are preserved in Jarvis Hall through the outspoken Christian influence of this group.

Devotional meetings are held in Jarvis parlors Thursday evenings. Special study classes are organized; delegates are sent each summer to Conferences, to train student leaders; frequent contributions are made to the development of the school life by special and unique provisions, such as the marriage of the old girls to the new, the fitting up of a beautiful Rest Room for the Town girls, and so forth.

The Student Volunteer Band

This is composed of those who are volunteers for missionary work in the foreign missionary field. More than a score of students are active members while a larger number take part without being volunteers. Some of the number are already in service across the sea, some are in the College of Missions and some in Medical College for further training. Weekly meetings furnish definite study of the fields; and inspirational leadership for all who are interested in this line of work.

The Religious Education Committee

This is a committee consisting of representatives from the various organizations about the University as well as those within it, which have to do with religious training. On it are delegates from the Y. M. C. A., the Y. W. C. A., the Volunteer Band, the Ministerial Association, the Christian Endeavor Society, the Sunday School and the University Church. It provides for cooperation of all of these, prevents overlapping, and especially executes the plans for putting on Mission Study classes and such common activities of all. The Professor of Religious Education is at present the Chairman of the Committee.

STUDENT ORGANIZATIONS

The Literary Societies

Four Societies are maintained for the development of self expression in public on the part of the students. These are the **Shirley**, for boys, named in honor of T. E. Shirley of Hereford, the **Add-Ran**, for boys, using the original name of the school; the **Walton**, for girls, named in honor of Major John T. Walton, a friend of the earliest days of the University; and the **Clark**, honoring the family name of the founders.

The Shirleys and Waltons occupy the same room, the Add-Ran and Clarks another room together. These room on the fourth floor of the Main building are furnished elegantly. Weekly programs, with occasional public recitals foster the spirit of public expression. A Faculty Committee advises, but the students are trained to develop their initiative and self-expression.

The Student Body Association

Annually the whole body of students by ballot elect a President, Vice-President and Secretary who preside in the general assembly of all students when handling any student affairs.

The Student Honor Council

On request of the students, the Faculty has delegated to the student body, through the Honor Council the control of a limited portion of the discipline of the school life. The Council is composed of one representative from each class, and each College of the University. It has jurisdiction, under its Constitution, over all matters pertaining to cheating and stealing, subject to appeal to the Faculty.

This was organized in 1914, was allowed to lapse during the war period, and was renewed in 1920, working since, with gratifying results.

Fraternities and Sororities

No secret societies of any kind are permitted in the University. There has not been any serious expression of desire for them in the life of the school. The spirit of democracy has ever prevailed, and the social instincts which such societies are supposed to foster have been cared for in ways that do not tend to clan-nishness and troublesome distinctions. Careful investigation and much experience convince the University authorities that such societies are not conducive the spirit of democracy that has ever been a pride and charm of life in Texas Christian University.

THE ORATORICAL ASSOCIATION

The purpose of this Association is to promote Oratory in its best sense among its members and throughout the University. It elects delegates to the State Oratorical Association of which it is a member. It holds monthly meetings for the transaction of business, rendering of programs and the cultivation of the social spirit. The officers, president, vice president and secretary-treasurer, are elected annually at the last regular meeting, save one, before the close of the scholastic year. All Oratory students become members upon the payment of a small membership fee, and any student of the University who is not in the Department but is interested in Oratory may become a member by a vote of the Association. From the matriculation fee of all students an Oratorical Fund is provided from which the expenses of the various contests are paid, thus admitting all students free to the contests of the year.

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 on Triangular Debate, the letter T and \$100.00.

S. M. U. Debate, and Phillips Debate, for each debater, the letter T, and \$10.00.

For representing T. C. U. in the State Oratorical Association, the Gough prize and the letter T.; Second place \$5.00.

For the winner of the Reed Contest, the Reed prize and the letter T.; second place \$5.00.

THE REED ORATORICAL PRIZE

Mr. Malcolm H. Reed, of Austin, Texas, offers a fifty-dollar gold watch to the winner of an Oratorical contest. This contest has become one of the features of Commencement week.

THE GOUGH ORATORICAL PRIZE

Dr. R. H. Gough of Fort Worth, since the final award of the Gough Cup, offers fifty-dollars in gold and a twenty-five dollar gold medal to the successful contestant for the honor of representing T. C. U. in the Intercollegiate State Oratorical Contest. Dr. Gough also has endowed an Oratory Library and each year adds several dollars worth of well selected books.

REGULATIONS GOVERNING ORATORICALS AND DEBATES

In order to induce work of the highest character and to present in local and international contests work worthy of T. C. U.; the following regulations are adopted:

1. Six weeks prior to the date of the contest, the contestant shall hand in his manuscript to the Department of English to be graded. After inspection and suggestions the manuscript may be resubmitted for final grading.

2. In order to be admitted to any contest a manuscript must receive a grade of B or higher.

3. The privilege of wearing the letter T is an honor bestowed upon a student who wins a place on an intercollegiate debating team, or first place in the State oratorical preliminary or Reed contests.

4. The Oratorical Fund will furnish prizes for the contests, where sufficient prizes have not been offered from other sources.

5. In case of a tie, a second contest shall be held by those involved in the tie.

6. Prizes will be presented publicly. To winners who are to represent T. C. U. in intercollegiate contests the public presentation shall be made just prior to the State contest.

7. No student may draw prize money while in arrears at the business office.

8. The spending of the Oratorical Fund shall be done on the budget system, the general amounts to be agreed on at the beginning of the year and all expenses must be approved by the chairman of the Public Speaking Committee of the Faculty before being paid out.

9. All oratorical and debating events shall be under the direct supervision of the Head of the Department and the Public Speaking Committee. All judges for contests shall be selected by them or by their approval.

10. All activities of the Oratorical Association and The Footlights shall have the approval of the Public Speaking Committee.

11. All winning orations and final speeches in debates must be typewritten and handed to the Public Speaking Committee before the final contest or the receiving of the prize and the same shall be filed in the Library.

12. Judges shall be given the following written instructions and their decisions shall be made while they remain in their seats and without consultation with any one. The decision shall be placed in a sealed envelope and passed to the presiding officer who shall open same before the audience and announce the decision.

Each contestant shall be graded between 75% and 100% on the following basis:

In all cases: Platform appearance 25%, and Delivery 25%.

In Declamatory, Effectiveness 50%.

In Oratorical, subject matter and effectiveness 50%.

In Debate, argumentation and meeting opponent's argument, 50%.

13. A student to be eligible to represent the University in an intercollegiate event must be carrying 12 hours, be passing in 10 hours, and must have passed in 10 hours the previous term.

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.

Several of the Departments of the Colleges have produced works of value that deserve publication. These consist of research work in science, literary essays, and discussion of current problems. As resources permit these will be published in extra issues of the Bulletin beginning this year.

The Skiff

This is the weekly newspaper, conducted by the students. The Committee of Publications of the Faculty appoints annually an Editor and Business Manager. Students find a splendid means of developing literary or journalistic ability by contributing to the paper.

The Horned Frog.

This modest but most 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 annually for twenty-four 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

Class Scholarships. The University awards at each annual Commencement Exercise four scholarships, one each to the Senior, the Junior, the Sophomore, the Freshman, making the highest average grade during the year. The Scholarship pays for the Literary tuition for one regular session.

In making the award, proper account is taken of the student's general bearing, conduct, and general value to the whole life of the University.

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

The Scholarship pays the literary tuition for the regular session, fall, winter and spring terms, and is valid to begin use any time within a year from date of award.

Fellowships. A number of teaching Fellowships will be available each year, varying with the requirements of the Departments. A student who shows reliability, and special aptitude in some department and is a candidate for the Master's degree, may be eligible for the appointment. The income varies, but usually covers enough for living expenses.

Prizes

For Oratorical Prizes see page 29.

For prizes to ministerial students see the Brite College of the Bible section.

Society Prizes

1. **The T. E. Shirley Prize.** The former President of the Board of Directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.

2. **The J. T. McKissick Prize.** Mr. McKissick offers \$10.00 to the best worker in the Add-Ran Literary Society.

3. **The Van Zandt Jarvis Prize.** A \$10.00 gold medal is given to the best worker in the Walton Literary Society.

The Bryson Poetical Prize

Professor and Mrs. W. E. Bryson offer a prize of Twenty Dollars for the best poem written by an undergraduate student of Texas Christian University during the session of 1921-22. Final manuscripts must be in by April 1 1922. A poem must attain a certain acceptable standard to be considered in the contest.

DISCIPLINE

The government of the institution, as related to its discipline, is in the hands of the President, a Dean of Discipline, the Supervisors of the Halls, supplemented by two Faculty members; this group forms a commission on Student Welfare for the University.

A few conspicuous standards and requirements should be everywhere recognized. It is the policy of Texas Christian University not to emphasize "fixed rules," but, rather, a few pronounced principles. When students come to the University it is assumed they come with a definite purpose to derive the most possible good from it. Any conduct incompatible with this principle will receive the attention of the Administration.

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

The students are to understand that any gross violation of good conduct, such as profanity, gaming, drunkenness, insubordination and disrespect toward authority, will automatically remove them from the College community without debate or argument. It should also be understood that the life of the student in the College community must be so ordered as to reflect credit upon the good name of the institution, and any violation of the regulations or failure to perform those duties which the College holds necessary and essential for the welfare of each individual and the collective whole will be dealt with, not so much upon a specific charge, as a general attitude toward authority.

Demerits. Demerits will be assessed for the violation of any of the rules of the institution. Upon the receipt of fifteen demerits the student at fault will be called in for a conference with the Student Welfare Committee; upon the receipt of thirty demerits a letter of advice will be sent to the student's parents; upon the receipt of sixty demerits, the student will be automatically removed from the University.

Rooming in College Buildings. All students, male and female, whose homes are not in Fort Worth, are required to room and board in the College buildings, except by special consent. This consent may be given to mature students for good reasons, or to others who live with immediate relatives.

A student reserving a room in a dormitory is expected to hold it until the end of the session.

Dormitory Regulations

All students, both resident in the College community and in the city, are required to attain chapel exercises.

Loitering in the corridors or on the campus during class periods, 8:00 a. m. to 3:00 p. m. is positively forbidden.

Visitors to either Jarvis, Goode or Clark Halls must present themselves to those in charge, and get permission in a formal way to call on the residents of the Hall. Young men who call on the young ladies of Jarvis Hall must observe proper formalities.

Parents. Parents may not give permission that conflict with the rules of the school.

Parents or guardians who register students, thereby accept all the conditions in this catalogue.

Parents are seriously urged not to permit students excessive spending money or unrestricted checking accounts. It is demoralizing to the student and to the school.

Church. All students are required to attend church every Sunday morning. Permission for young men to accompany young ladies to church on Sunday

evening at the University Church may be had of the Lady Principal. Members of other religious communions will be allowed to attend their own churches under proper supervision.

Punctuality. All the 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 recite must go to the Infirmary.

Gymnasium. All resident student of the University are required to take regular physical exercises under the direction of the Physical Instructor. Students will be excused from this obligation only under the written consent of the college physician.

Automobiles. Resident students are not permitted to keep automobiles on the campus or in the city while attending the University.

Reports. The assistants on each floor of the students' Halls are required to submit a weekly report, showing the record of each student for the week, with all the details of his University life; e. g., class, chapel and church attendance, passes, observance of study hours, deportment, order, care of room, etc. These reports are submitted to the Committee on Student Welfare and are filed for future reference.

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 to go 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 College after visits, or trips to town, passes must be returned 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. Exception to these regulations are made for Seniors and Juniors and men over 20 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 student's keeping in the rooms or habitually wearing, expensive jewelry and refuses to be considered responsible in any way for the loss of such valuables.

Furnshings for Rooms. The school 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, napkins, napkin rings, rugs and pictures; also one wastebasket. Each boy must furnish a cuspidor. No dishes are allowed to be taken from the dining-room. Only one 100-wat globe will be permitted in each room, and no other attachments may be made to an electric wire except by double socket.

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 beautiful Rest Room in the Main Building has been fitted up for the girls through the generosity and thoughtfulness of the Jarvis Hall girls of the Y. W. C. A.

These "Day Students" are required to attend chapel and to observe study hours from 8:00 a. m. to 3:00 p. m.; to be found during these hours either in class or library and never loitering in the halls, in automobiles or visiting stores, (excepting for lunch hours).

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

The University assumes no responsibility for the actions of the "day student" when he is off the campus.

College Physician

The health of the students and the sanitary conditions of Texas Christian University are under the control of Medical Director Dr. S. A. Woodard, who has as his assistant a graduate nurse. The Medical Director will visit the University at stated intervals, hold office hours during which he may be consulted by any students residing in the Halls. He is also subject to calls in emergencies and students may consult him at his downtown office when they so desire. The medical infirmary fee covers all ordinary attention necessary and also minor surgery, but does not cover the expense of major surgical operations when such may become necessary. All contagious diseases will be isolated, and it is within the power of the Medical Director to declare a quarantine if in his judgment, and that of the President, it may seem wise to do so. Each of the principal dormitories is provided with a well-appointed infirmary.

ATHLETICS.

All athletic interests of the University are under the direction of W. L. Driver, assisted by P. F. Fox. The school ranks high in all intercollegiate contests. In addition to the above men J. B. McKnight assists in coaching football, William G. Nance coaches baseball and instructors are to be supplied for wrestling and tennis.

The school is a member of the Texas Intercollegiate Athletic Association and all men taking part in games must be eligible under the rules of this association. Freshmen are allowed to take part in intercollegiate contests and all students are eligible for intramural games. Intramural work is being highly developed at the University and offers an opportunity for the athletic activities of all students who do not participate in intercollegiate contests.

VISITING LECTURERS.

It is the policy of the University to present to its students and to the community during each session, a number of distinguished lecturers. Every opportunity is seized for presenting men and women who have achieved distinction in the world, so that the students may have the stimulus of personal touch with them. But in addition, definite arrangements are sought for bringing to the University those scholars, authors, poets, scientists whose messages have value to the life of the students.

The Lecture Committee is in charge of this work, with a limited sum of money to enable it to secure the best talent.

It is not possible to announce far ahead, but some announcement is made below of those who have definitely made dates for the next session. A partial list also of those who were on the program during the past session will reveal the character of the lecturers to be expected. There is appended in addition a list of speakers brought to the city of Fort Worth through other agencies than the University. Of course the students of the University receive full benefit of these opportunities also. In fact, the mutual co-operation of the City Clubs on this matter is highly appreciated and acknowledgment of it is hereby expressed.

Lecturers for 1921-22

Dr. Stockton Axson of Rice Institute and Princeton University, Lecturer on English Literature; Winter term, five lectures.

Lecturers appearing in the University during session 1920-21. Partial list:

Mr. O. J. Grainger, President Bible College, Jubelpore, India.

Mr. Alexander Paul, China.

Mr. Charles Rann Kennedy, Dramatic Reader, March.

Mrs. Edith Mathieson Kennedy, Dramatic Reader, March.

Mr. Edward Guest, Poet. February.

Dr. F. E. Cook, Director of Education In Mexico.

Dr. Jasper Moses, Editor, in Mexico City.

Dr. S. Parkes Cadman, Pastor Central Congregational Church, Brooklyn N. Y. One week, June.

President Robert E. Vinson, University of Texas, Commencement Address, June.

Some lecturers appearing in the City of Fort Worth during 1921-22:

Sir Rabindranath Tagore. Poet. India

Hon. Wm. Howard Taft, Ex-President of the United States.

Dr. Edward Alsworth Ross, Professor of Sociology, Wisconsin University.

Dr. Joseph Jastrow, Wisconsin University.

R. A. Tsanoff, Philosophy, Rice Institute.

Carl Sandburg, Poet and Chicago Journalist.

Edgar J. Banks, Archaeologist.



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

A candidate for admission to the College must be of good moral character, and by the act of accepting membership in the University pledges himself to refrain from participating in or giving encouragement to any form of hazing or class rushing, or any secret society, or fraternity.

Unconditioned Admission. In order to give evidence that he is prepared to do college work the applicant must present 15 units of High School work,

of which four (4) may be elective, and eleven (11) prescribed as follows: three in English; two in Algebra; one in Plane Geometry; two in history and civics; two in one Foreign Language. The electives may be chosen from the list of subjects accepted for affiliation by the State Department of Education, listed below, but not more than two units will be accepted in vocational subjects.

Conditioned Admission. Students may be admitted conditionally on 13 approved units, if all other conditions are fulfilled; provided the other units be made up before the student matriculates as a Sophomore; but if the condition is the two in foreign language, he may have two years for removing it. These conditions may be removed either by taking the entrance examinations, (but not over any ground covered by subjects taken in college); or by counting back some course taken in the College. College work is estimated as three credits equivalent to one half unit of entrance. The subjects to be offered by examination must be agreed with the Dean at the time of entrance, and may not be changed later.

MODES OF ADMISSION.

By Diploma. A graduate of any secondary school affiliated through the Department of Education of Texas will receive credit for all units he has completed for which the school is affiliated. If a student comes from another state, the affiliation of his secondary school will be tested by the record of the proper accrediting agency for that section. An official transcript of these credits must in all cases be presented at the time of entrance, but preferably should be mailed to the Registrar previously.

By Examination. A student may satisfy a part or all of the entrance requirements by examination in subjects which he has had in some school.

This applies to graduates of unaffiliated schools, who must be examined in all units for which they wish credit; also graduates from affiliated schools for

subjects in which their schools are not affiliated; but it does not apply to those who have failed in High School courses, or who have dropped out before completing. Persons of mature years may be granted the privilege of examination in any entrance subject for which they can show reasonable preparation of any kind. See the schedule of examinations below.

(c) **By State Teacher's Certificate**, credited as follows:—For a first grade, $8\frac{1}{2}$ units, viz., three in English, two in Algebra, one in plane geometry, one in ancient history, one in medieval and modern history, one-half in civics, one-half in physiology. For a permanent state Teacher's Certificate $12\frac{1}{2}$ units, viz., same as for the first grade, plus one half in solid geometry, one half in plane trigonometry, and three unspecified, but not in foreign language.

(d) **By work in State Normal Schools**. A graduate of the three years course prior to 1914 will be given full entrance and nine college credits; provided two foreign language units are included, if not, these must be made up.

Students who attended the Normals since 1913-14 or in that session and have completed two full years will receive credit for full 15 units of admission provided two units of foreign language be included; for three years work, full entrance and 45 credits in College, subject to the same foreign language condition. In estimating such credits for advanced standing in College, each record will be evaluated according to the work done.

(e) **By Individual Approval**. A person over 21 years of age who has been out of school for some time, and who gives evidence of ability to carry college work, at the discretion of the Dean, may be admitted without examination. He must furnish a statement (on a form provided) of the studies he has pursued. He will be given conditional credit for such work, the condition in each separate subject to be removed later by satisfactory work in that branch, in college. Or he may remove the condition by exami-

nation within a year after entering, provided no examination shall cover ground for which he is receiving college credit.

Until he has met the entrance requirements he may not become a candidate for a degree.

These are listed as "Special Students."

Individual approval is provided to encourage mature students who have become rusty, and will not be allowed to become a substitute for the required tests of entrance.

Advanced Standing.

A student coming from another College, will need to present a statement of honorable dismissal, and a transcript of his credits, preferably coming directly from that school to the Registrar. These credits will be accepted according to the rank of 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 schools, whether secondary or colleges, are received on condition, that if the student fails to demonstrate his ability to carry the advanced work satisfactorily, the amount of credits allowed may be reduced, or cancelled.

ENTRANCE EXAMINATION

Regular Entrance Examinations will be offered by the University each September, on the Thursday, Friday and Saturday preceding the opening of the session. These will be given to all who apply, without fees. Those who apply for special examinations at later dates may have them if convenient, but will be required to pay a fee of \$2.00 for each subject. The dates for these regular examinations in 1921 are September 15, 16, 17.

Public Examinations open to all, are offered by the State Department of Education beginning the Second 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 schools. A certificate showing the subjects passed in, these is furnished the student, and this will be accepted by this College for entrance units to the extent of its value.

SUBJECTS ACCREDITED FOR ENTRANCE (MINIMUM AND MAXIMUM UNITS OF CREDIT).

A—Agriculture, $\frac{1}{2}$ to 2	L—Latin, 2 to 4
AA—Advanced Arithmetic $\frac{1}{2}$	MD—Mechanical Drawing, $\frac{1}{2}$ to 2
AH—Ancient History, 1	MH—Medieval and Modern History, 1
Alg—Algebra, 2	Music Theory $\frac{1}{2}$ to 2.
AmH—American History, 1	P—Physics, 1
AP—Animal Production, 1	PG—Plane Geometry, 1
B—Botany, 1	Ph—Physiography, $\frac{1}{2}$
Bg—Bookkeeping, 1	PH—Physiology and Hygiene, $\frac{1}{2}$
Bi—Biology, 1	PP—Plant Production, 1 to $1\frac{1}{2}$
C—Chemistry, 1	PS—Public Speaking, $\frac{1}{2}$ to 1
CA—Commercial Arithmetic, $\frac{1}{2}$	Psy—Psychology, $\frac{1}{2}$
CG—Commercial Geography, $\frac{1}{2}$	S—Spanish, 2 to 4
Civ—Civics, $\frac{1}{2}$ to 1	SG—Solid Geometry, $\frac{1}{2}$
Cl—Commercial Law, $\frac{1}{2}$	SM—School Management, $\frac{1}{2}$
DA—Domestic Art, $\frac{1}{2}$ to 2	So—Sociology, $\frac{1}{2}$
DS—Domestic Science, $\frac{1}{2}$ to 2	ST—Stenography and Typewriting, 1 to 2
E—English, 2 to 4	SW—Shop Work, $\frac{1}{2}$ to 2
Eco—Economics $\frac{1}{2}$	T—Trigonometry, $\frac{1}{2}$
EH—English History, $\frac{1}{2}$ to 1	Z—Zoology, 1
F—French, 2 to 4	
Ger—German, 2 to 4	
GS—General Science, 1	

SCOPE OF ENTRANCE EXAMINATIONS

The following descriptive lists will be suggestive of the scope of entrance examinations:

Mathematics.—1. Beginning Algebra, covering work as outlined in Wentworth's New School Algebra to Involution; 1 unit.

2. Advanced Algebra, beginning with Involution and covering the remainder of the text; 1 unit.

3. Plane Geometry, including simple exercises and problems; 1 unit.

History and Civics.—1. Ancient History, such a course as that given in Myers' Ancient History; 1 unit.

2. Medieval and Modern History, such a course as that set forth in Myers' text.

3. History of England (or some other leading nation of Europe); $\frac{1}{2}$ or 1 unit.

4. Civil Government, including the elements of federal and state government; $\frac{1}{2}$ unit. American History, $\frac{1}{2}$ or 1 unit.

English.—Grammar, the principles of the language as given in any good text, with ability to write sentences with good grammar and spelling; 1 unit.

2. Rhetoric and Composition, as presented in standard works on the subject, such as Scott and Denny, Lockwood and Emerson, or Markley; 1 unit.

3. American Literature. History of the leading authors, their periods and productions; 1 unit.

4. English Literature. History of the leading authors, their periods and productions; 1 unit.

Latin.—1. First Year: Elements of Latin Grammar, simple exercises in prose composition, translation of Latin sentences such as are found in Smith's Latin Lessons; 1 unit.

2. Second Year: Caesar's Gallic War, Books I-IV, more advanced composition and tests in Grammar; 1 unit.

3. Third Year: Cicero's Orations Against Catiline, Books I-IV, and the first book of Virgil's Aeneid, advanced composition and tests in more advanced Grammar; 1 unit.

Greek.—Translation and composition of simple sentences with the elements of Greek Grammar. Xenophon's Anabasis, at least twenty pages; 1 unit.

2. Xenophon's Anabasis continued, seventy-five to one hundred pages, or other Attic prose of equivalent amount; 1 unit.

German.—Elementary grammar, including the conjugation of verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries and syntax; 1 unit.

2. Two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple English sentences; 1 unit.

French.—1 and 2. Work similar to that in German above, except that four hundred pages of reading are required; 1 or 2 units.

Sciences.—**Physiography.**—Half a year's work, covering all the leading features of the subject; $\frac{1}{2}$ unit.

Physiology.—About such work as that given in Ritchie's text; $\frac{1}{2}$ unit.

Physics.—Work as covered by such a text as Carhart and Chute's High School Physics, or Gages' Elementary Physics; laboratory work comprising forty exercises; 1 unit.

Botany, Chemistry, Zoology.—About the courses usually given in advanced High Schools; $\frac{1}{2}$ or 1 unit each.

Vocational Subjects.—The usual High School courses are expected; $\frac{1}{2}$ to 2 units.

Bible.—The historical portions of Old or New Testament with related historical facts in other ancient history; $\frac{1}{2}$ unit each.

AFFILIATION OF SECONDARY SCHOOLS.

Texas Christian University utilizes the affiliation system of the Department of Education of the State of Texas, accepting its list of accredited schools.

For convenience of patrons the list of affiliated schools is printed below, corrected to August 1, 1920. In entering students, the latest list issued by the Department will be used. The following includes public High Schools only. There are a number of private Academies additional, on the official list.

Credit is accepted from the following High Schools, in the subjects in which each is affiliated, and the student accepted must be a graduate. The number after the name is the total number of units in which the school is affiliated.

Abilene, 31.	Blossom, 14.
Albany, $7\frac{1}{2}$.	Bogata, $3\frac{1}{2}$.
Alpine, 20.	Bonham, 25.
Alto, 9.	Brackettville, $14\frac{1}{2}$.
Alvin, 20.	Brady, $19\frac{1}{2}$.
Alvord, 12.	Bremond, 15.
Amarillo, $30\frac{1}{2}$.	Brenham, 26.
Angleton, 8.	Bridgeport, 2.
Anson, 9.	Brownsville, $24\frac{1}{2}$.
Aransas Pass, $14\frac{1}{2}$.	Brownwood, 29.
Arlington, $15\frac{1}{2}$.	Bryan, $21\frac{1}{2}$.
Athens, 14.	Buda, 5.
Austin, $39\frac{1}{2}$.	Bullard, 4.
Baird, $15\frac{1}{2}$.	Burkburnett, $13\frac{1}{2}$.
Ballinger, 19.	Burnet, $6\frac{1}{2}$.
Bardwell, 6.	Caldwell, $17\frac{1}{2}$.
Barstow, 4.	Calvert, 15.
Bartlett, 18.	Cameron, 23.
Bastrop, 16.	Canadian, $19\frac{1}{2}$.
Bay City, 22.	Canyon, 17.
Beaumont, 31.	Carrizo Springs, 14.
Beeville, 19.	Carthage, 17.
Bellville, 17.	Celeste, 6.
Belton, 27.	Center, 19.
Bertram, $11\frac{1}{2}$.	Childress, 21.
Big Spring, 24.	Cisco, $21\frac{1}{2}$.
Bishop, $17\frac{1}{2}$.	Clarendon, 18.

- Clarksville, 18½.
Claude, 11½.
Cleburne, 30.
Clifton, 14.
Coleman, 22½.
Collinsville, 5½.
Colorado, 17½.
Columbus, 15.
Comanche, 21½.
Commerce, 15½.
Conroe, 16½.
Colledge, 17½.
Cooper, 21.
Corpus Christi, 34.
Corsicana, 23½.
Catulla, 9.
Crockett, 19.
Crosbyton, 15.
Crowell, 12.
Cuero, 28.
Dalhart, 17.
Dallas High Schools, 41.
Dayton, 12½.
Decatur, 12.
De Leon, 20½.
Del Rio, 22.
Denison, 32.
Denton, 23.
Deport, 3.
Devine, 17½.
Diamond Hill, 17½.
Donna, 20.
Dublin, 20.
Eagle Lake, 17.
Eastland, 15½.
Edinburgh, 9½.
Edna, 18.
El Campo, 19.
Eldorado, 13.
Electra, 21½.
Elgin, 15½.
El Paso, 39½.
Ennis, 20½.
Farmersville, 22.
Ferris, 16½.
Flatonia, 12½.
Floresville, 15.
Floydada, 15½.
Forney, 16.
Fort Stockton, 22.
Ft. Worth H. Schools, 31.
Franklin, 15.
Fredericksburg, 17.
Freeport, 11.
Frisco, 5.
Frost, 9½.
Gainesville, 25½.
Galveston, 34.
Garland, 15½.
Gatesville, 19.
Georgetown, 22.
Giddings, 17.
Gilmer, 20.
Goldwaite, 15.
Goliad, 13½.
Gonzales, 20.
Gorman, 7.
Graham, 21.
Granbry, 13½.
Grand Saline, 11½.
Grandview, 13.
Granger, 19.
Grapeland, 14½.
Greenville, 24½.
Groesbeck, 18.
Groveton, 16.
Hallettsville, 14½.
Hamilton, 15½.
Hamlin, 6.
Handley, 16½.
Harlingen, 13½.
Harrisburg, 20.
Haskell, 19.
Hearne, 16.
Hedley, 3½.
Hemphill, 6.
Hempstead, 15.
Henderson, 20.
Henrietta, 20½.
Hereford, 16½.
Hico, 14½.
Hillsboro, 29½.
Hondo, 15½.
Honey Grove, 23.
Houston High Schools, 34½.
Hubbard, 22.
Humble, 10.
Huntsville, 18½.
Hutto, 5.

- I. O. O. F. Home, (Corsi-
 cana), 11.
 Italy, 17.
 Itasca, 18½.
 Jacksboro, 18.
 Jacksonville, 21.
 Jasper, 20.
 Jefferson, 16.
 Jourdanton, 9.
 Karnes City, 6½.
 Kaufman, 18½.
 Kenedy, 12.
 Kerens, 16.
 Kerrville, 15½.
 Killeen, 17.
 Kingsville, 18.
 Kirbyville, 8.
 Kyle, 12½.
 La Grange, 20½.
 Lampasas, 17½.
 Lancaster, 14½.
 Laredo, 23.
 Leonard, 16.
 Livingston, 21½.
 Llano, 17.
 Lockhart, 22½.
 Lockney, 14½.
 Longview, 21½.
 Lorena, 14.
 Lott, 8½.
 Lovelady, 4.
 Lubbock, 23.
 Lufkin, 29.
 Luling, 15½.
 McAllen, 23½.
 McGregor, 22.
 McKinney, 36.
 Madisonville, 11½.
 Mansfield, 14½.
 Marble Falls, 15.
 Marfa, 17.
 Marlin, 31½.
 Marshall, 29.
 Mart, 19½.
 Mason, 12.
 Masonic Home, Ft. Worth,
 20½.
 Matador, 9½.
 Memphis, 21.
 Menard, 6½.
 Mercedes, 23.
 Merkel, 13.
 Mexia, 26.
 Miami, 15.
 Midland, 24.
 Midlothian, 18½.
 Milford, 16.
 Mineola, 18½.
 Mineral Wells, 19½.
 Mission, 19.
 Moody, 4.
 Mount Calm, 24.
 Mount Pleasant, 17½.
 Nacogdoches, 22½.
 Uavasda, 26½.
 New Braunfels, 20.
 Nixon, 14.
 Nocona, 17.
 Odessa, 9.
 Orange, 25.
 Ozona, 22.
 Palacios, 13½.
 Palestine, 26.
 Palmer, 7½.
 Pampa, 14.
 Paris, 33½.
 Pearsall, 15½.
 Pecos, 18½.
 Petrolia, 15½.
 Pilot Point, 14.
 Pittsburg, 18½.
 Plainview, 22½.
 Plano, 16½.
 Pleasanton, 12.
 Polytechnic, 19.
 Port Arthur, 25½.
 Quanah, 19.
 Ralls, 5.
 Ranger, 12½.
 Reagan, 22.
 Richland Springs, 3.
 Richmond, 15.
 Robstown, 5½.
 Rockdale, 17½.
 Rockwall, 12½.
 Rogers, 16.
 Rosebud, 21.
 Rosenberg, 15½.
 Royse City, 18.
 Rule, 10.

Runge, 14.	Sulphur Springs, 22.
Rusk, 14½.	Sweetwater, 23.
Sabinal, 19.	Taylor, 23.
San Angelo, 27.	Teague, 18.
San Antonio High Schools, 40½.	Temple, 25½.
San Augustine, 22.	Terrell, 24½.
San Benito, 23.	Texarkana, 27.
Sanderson, 14½.	Texas City, 19½.
Sanger, 14.	Texas School for the Blind, 14.
San Marcos, 26.	Thurber, 8½.
San Saba, 16½.	Timpson, 24.
Santa Anna, 14½.	Trinity, 16½.
Sealy, 5.	Tulia, 15½.
Seguin, 15.	Tyler, 29½.
Seymour, 14½.	Uvalde, 27.
Sherman, 33.	Van Alstyne, 17.
Shiner, 11.	Vernon, 22.
Silsbee, 12½.	Victoria, 22½.
Sinton, 18.	Waco, 31½.
Slaton, 9.	Waelder, 4½.
Smithville, 19.	Waxahachie, 24.
Snyder, 21.	Weatherford, 24.
Somerville, 3.	West, 15½.
Sonora, 13½.	Wharton, 20½.
Sour Lake, 25.	Whitesboro, 15.
South Ft. Worth, 3½.	Whitewright, 18½.
South Park, Beaumont, 32.	Whitney, 8.
Stamford, 19.	Wichita Falls, 32.
Stanton, 2.	Wills Point, 16.
State Orphan Home, (Cor- sicana), 11.	Winnsboro, 21½.
Stephenville, 16½.	Wolfe City, 16.
Sterling City, 13.	Wortham, 13½.
Strawn, 16½.	Yoakum, 17½.
	Yorktown, 15½.

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 the 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 ocer credits for college entrance within five years of date of examination, these credits shall not be recognized."

"Due publicity was given to this action of the committee, and the following groups of students were advised to take the examinations:

1. Teachers who hold first grade certificates, and who desire to complete their college entrance requirements.

2. Students in affiliated high schools who had taken non-credited subjects and required additional units to enter college.

3. Students in non-accredited schools who desired to absolve entrance requirements or to secure advanced standing in accredited high schools, junior colleges or State normal schools.

"This examination will be given each year beginning the second 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."

INSTRUCTIONS FOR REGISTERING.

First, See that a certificate of your credits in the school last attended is made out and sent—preferably directly from the school officer to T. C. U. Registrar—and if possible, some time before you arrive. At least it must be presented before you can register.

Second, Be on hand the first day of registering.

Third, Report at Registrar's office, and give the information required for filling out Matriculation form.

Fourth, present this to the Dean or Classification Committee and have courses assigned, and finally approved by the Dean.

Fifth, present this form at the Business Office and pay the bill, receiving a card which entitles you to attend classes.

Note: Absences are counted beginning with the first meeting of the class, against all who are not present, whether enrolled or not, at the time. Enrolling late does not excuse absences.

A fee of \$1.00 is charged additional, for those who register after the regular days set—the third day, in the fall term.

A fee of one dollar is charged for making any change in the course after it is approved; and no change can be made at any time without the consent and signature of the Dean.

THE SELECTION OF A COURSE OF STUDY.

Freshmen and Sophomores will find the courses fairly well defined without a large range of selection. Each beginning student, bearing in mind the profession or purpose for which he intends to prepare, should select the group among those printed below, which fits his needs. These are made up mostly of what are known as the "required" subjects, because they are considered essential to any training for a general cultural education such as the Bachelor's degree is expected to represent.

Seldom will there be need for any grouping not found below; and in such cases the student may select a combination on the approval of the Dean.

Juniors and Seniors will have their selection determined largely by the Majors and Minors which they choose. The groups of these will be found on page..

PREPARATION FOR PROFESSIONAL CAREERS.

The advance of science, the increasing complexity of society, and the spread of culture have demanded more and more a specialization in all the professions. Highly technical and very expensive schools have been developed to train for this specialization. It has become increasingly difficult and unwise for the college of limited resources to attempt full professional training. Texas Christian University has therefore dispensed with its Medical and Law schools, and has concentrated its resources to make thoroughly standard its other departments.

But the very condition which have made professional schools more technical and costly have made the fundamental college work more essential. Nothing is more dangerous than a specialized education, without the deep foundation of a general cultural education. This is recognized in the fact that the professional schools are steadily increasing the amount of college work required for entrance into Law, Medicine, etc.

The Fullest Preparation.

The conditions of the day urge upon every student with ambition for a professional career to secure first a Bachelor's degree, bringing the well trained mind and broad culture which it gives, to the study of the technical branches of his profession.

It is this fundamental training that Texas Christian University has to offer. It is the student who takes this who is most sought after by the professional schools, and who has the opportunity for the largest career in his line.

For the Ministry in all its phases, and for Teaching full professional training is offered, as shown in the proper places in the catalog.

The Shorter Preparation.

But some students feel that time and money are too much limited to afford them four years of college

work. These should bear in mind that by using eleven months in the year in College, including the summer term, the Bachelor's degree may wisely be secured in three years, without sacrifice of thoroughness.

For the sake of those who must enter professional schools on the minimum requirements, courses are laid to meet the standard requirements, and are explained below.

Physical Training is assumed in each Freshman and Sophomore group below.

Pre-Medical.

The pre-medical student has three choices:

(1) **The B. S.** (or B. A.) degree, majoring in science; this is the best and most desired by the 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 them, in three years in this school, will be accepted by the Medical College as a senior *in absentia*, and at the end of his first year of medicine, will receive the degree of B. S. from Texas Christian University. By choosing the electives in non-science, subjects under the advice of the Dean, he may receive the A. B. instead of the B. S.

Freshman	Sophomore	Junior
Biol. 11 9	Biol. 27 9	Chem. 21 9
Chem. 11 9	Chem. 24 9	Biol. 26 3
English 11 9	Eng. 24 6	Bible 32 6
Math. 11 9	Bible, 21 6	Hist. or Soc. Sc. 6
Modern Lang. 9	Phil. 21, 32..... 6	
Bible 15 3	Physics 2712	Elective21
48	48	45

(3) **The Minimum Pre-Medic Course**, consisting of two years of college work, most of which is specified by the Medical Colleges. This is the minimum on which a student may gain admission to any Medical College. Texas Christian University formerly had a combination course of two years plus the four year Medical course yielding the A. B. degree. But this has been abandoned, for the seven year combination described above. The "Pre-Medic" course alone, does not lead to a Bachelor's degree.

Under the leadership of the Council on Education of the American Medical Association, the requirements for admission to Medical Colleges have been raised and rigidly fixed. The following two years course is the minimum. It leads to no Bachelor's degree.

Freshman	Sophomore
Eng. 11 9	Biol. 27 9
Chem. 11 9	Physics 27 12
Biol. 11 9	Chem. 24 9
Math. 11 9	Phil. 21, 32 6
Modern Lang. 9	Biol. 26 3
	Elective 6
—	—
45	45

The Science Departments of Texas Christian University have been personally inspected and approved by the representatives of the American Medical Association; a number of her students have made excellent records in the best Medical Colleges of the country, so that others following them will find a welcome. It is not an easy matter to enter a Medical College today. Some of the schools are so crowded that they admit only a limited number, after severe testing; but our students have been meeting these tests.

PRE-MINISTERIAL COURSE.

Full professional training for the several lines of ministerial work is afforded by the Brite College of the Bible, as described in that section of the catalog.

But with slight exception, every course requires first the A. B. degree. Hence the courses outlines below should be taken first in the College of Arts and Sciences. A minimum of Bible subjects is advised for the first two years, in order that the student may have broader foundation and the better study habits to bring to bear on the Bible subjects as he takes them in the upper years, reserving the bulk of them as graduate work after receiving the A. B. degree. 36 credits from the College of the Bible are allowed to count on the Bachelor's degree, and recount on the B. D. degree, so that the four years and the three years may both be taken in six years.

Freshman	Sophomore	Junior
Eng. 11 9	Eng. 24 6	O. T. Hist. 23... 9
Math. 11 9	Gospels 24 9	Bible 32 6
Biol. 11 or Chem. 11 9	For. Lang. 9	Rel. Educ. 3
For. Lang. 9	Sociol. 24 9	Electives, to be determined by Major 27
Acts 11, 12 9	Phil. 21, 22, 23... 9	
Pub. Spk. 3	Elective 6	
—	—	—
48	48	45

FOR TEACHER'S CERTIFICATES.

The basis for securing Teachers' Certificates is explained under the Department of Education. The following course is advised for all who plan to teach.

The student who completes the Freshman year is entitled to a First Grade Certificate; on completing the Sophomore year, that Certificate may be renewed.

Freshman	Sophomore
Education, 11, 12, 13..... 9	Education 21, 24, 26..... 9
English 11 9	Eng. 24 6
Math. 11, 12, 13..... 9	Phil. 21, 22, 23..... 9
Bible 15 3	For. Lang. 9
For. Lang. 9	Elect. His. or Science... 9
Elect. one of; Biol. 11, 12, 13 Chem. 11, Hist. 11, 12, 13	Elective 3 or 6
—	—
48	48

Pre-Law Course.

First class Law Colleges now require two years college work for entrance; and advise a well balanced course of the regular required studies, avoiding too much specialization. All Law Colleges prefer, and the strongest require that the student complete the B. A. degree before entering law. The student should usually major in Pol. Science and Government.

For the first two years in preparation for a Law career, whether the student plans for the minimum of two years, or for the entire four years, the following is advised:

Freshman		Sophomore	
Eng. 11	9	Eng. 24	6
For. Lang.	9	For. Lang.	9
Hist. 11, 12, 13	9	Econ. 21	9
Pol. Sc. 11, 12	9	Phil. 21, 22, 23	9
Bible 15	3	Bible 21,	6
Math. or Sc.	9	Sociol. 24	9
	—		—
	48		48

JOURNALIST

No profession can better utilize the broad, rich training of a Bachelor's course than that of the journalist. The student aiming for this profession should stress Political Science, History and English.

The English Department offers courses for developing the required expression in good English, and also one course for the special newspaper technical writing.

In order to give the student an acquaintance with the technic and the ideals of the profession, a course of lectures is arranged by a number of the most prominent and best trained journalists in Fort Worth and other cities. These will be scattered throughout the session, and open to all interested students.

Some most excellent and successful journalists have gone out from T. C. U. and the facilities for training them now are much more extensive.

The following outline is suggested:

Freshman	Sophomore
Eng. 11 9	Eng. 24 6
Hist. 11, 12, 13..... 9	Eng. 32 6
For. Lang. 9	Hist. 24, 25, 26..... 9
Biol. 11 9	For. Lang. 9
Bible 15 3	Econ. 21 9
Gov. 9	Bible 21 6
Physical Training	Physical Training
—	—
48	45

Junior and Senior years will be determined by the Majors and Minors.

A student who wishes to take only the two years will find that these will prepare him for continuing the technical courses in a University which gives a degree in Journalism.

BUSINESS ADMINISTRATION

The number of students who desire technical training for administrating large business concerns is constantly growing. While the University does not at present offer a degree in Business Administration, nor a department affording the technical branches along this line, it does offer a combination of courses which answers the student's need, for the first two years of College.

The student who pursues the following described course will find himself prepared to complete the requirements for a degree in Business Administration, by taking the last two years of College in a University which offers such a degree. Or by choosing his Majors and Minors properly he may complete his Junior and Senior years in Texas Christian University with a most excellent preparation for the management of large business.

Freshman		Sophomore	
Eng. 11	9	Eng. 24	6
Math. 11, 12, 13.....	9	Another natural Science.....	9
Biol. 11, or Chem. 11.....	9	Econ. 21	9
For. Lang.	9	Social 24	9
Elective	9	Phil. 21	3
Physical Training	—	For. Lang.	9
	45	Economics 453	3
		Physical Training	—
			48

FOR THE B. S. COURSE

The student planning to take the Bachelor of Science degree will follow the courses, in the Freshman and Sophomore years, as prescribed for the Pre-Medical students, as listed above.

General for the A. B. Degree.

The first two years of College should lay broad the foundation, and develop a student's power to study. There is little demand for variation; that comes in the two upper years. Whatever the student's later specialization may be, therefore, the Freshman and Sophomore courses may be fairly well forecasted.

The following is advised for all who have not yet determined their future emphasis.

Freshman		Sophomore	
English 11	9	Eng. 24	6
Math. 11	9	For. Lang.	9
Bible 15	3	Bible 21,	6
For. Lang.	9	Phil. 21, 22, 23.....	9
Chem. or Biol. 11	9	Elective	15
Hist. 11, 12, 13 or Pol. Sc.	9		
	48		48

CLASSIFICATION OF STUDENTS.

A regular student is one who is conforming to a program leading to a degree.

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.

Students rank according to work completed as follows:

Freshman, conditioned; 13 units, including 8 prescribed.

Freshman, 15 units, including 11 prescribed.

Sophomore, 45 credits, and all entrance conditions removed.

Juniors, 90 credits.

Seniors, 135 credits and all Freshman requirements removed.

Graduate, the Bachelor's degree.

Students will be classified at the beginning of the Fall Term but may be re-classified at the beginning of the Winter or Spring Terms on request. This is allowed because an increasing number of students are using the summer term.

THE GRADING SYSTEM.

The quality of a student's work is estimated and recorded in grades and points, based on class recitation, note books, and examination. The grades and their meaning are:

A+, Rarely excellent, strong student with perfect application.

A, Excellent, good student, thorough application.

B+, Good, lacking finish or depth or some such item.

B, Poor.

C, Barely passing.

D, Incomplete: may be removed in 30 days:

E, Failure, may not be removed.

A course will be reported D when some portion of the work has not been of passing grade, or some assigned work has not been handed in. It may be changed to passing grade if the condition is removed within 30 days, but after that it becomes a failure.

Any course receiving the grade of E must be taken over in order to receive credit. If a course continues more than one term; the student who makes E in any term's work will not be allowed to continue the course.

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

Grades are reported by the teachers to the Registrar at the end of each term, and at the middle of the Fall and Winter Terms. These reports are sent to the parents; or to the students who are their own sponsors.

An Honor Roll is posted usually at the time of the reports, including all who have averaged A or nearly so. Also a delinquency list is frequently posted, including all who have three D's and E's.

Uniformity of grading. In order to overcome the personal equation in grading and secure a uniform basis throughout the school, a scientific distribution of grades was adopted by the faculty in 1915. The plan has since become quite general. Although no dependable scientific curve has yet been agreed upon generally, yet an approximate standard is found helpful. The distribution is based, of course, on large numbers; and cannot hold good strictly in each particular class. According to the standard adopted, the teacher is expected to give approximately to his students:

A-plus to 5%, A to 15%, B-plus to 30%, B to 30%, C to 15%, E to 5%.

Credit for Quality.

It is recognized that among those who succeed in graduating from college there will be a wide variation in quality of work. The joy and honor of superior accomplishment must at last be the reward of the best student; yet some recognition is desirable for all who excel and some limitation should be had on the work of the mediocre plodder. Accordingly the point system, now well approved, was adopted by this Faculty in 1916.

Points are assigned to each course:

To A plus, 5 points for each credit; to A, 4 points for each credit; to B plus 3; to B, 2; to C, 1; The total required for graduation is 400.

This requires that the student make an average between B and B plus for graduation on 180 credits; and that a student who averages less than this, shall make additional credits beyond 180 until his points reach 400.

A student's standing at any time, may be determined by dividing the number of credits into the number of points. If the result is 2.22 or higher (the index of 400 divided by 180) he is up to the minimum.

Honors: At graduation, a student whose points for 180 credits amount to 648 (index 3.60) will be graduated, *cum laude*; with 700 (index 3.90) *magna cum laude*; with 756 (index 4.20) *summa cum laude*.

GENERAL DEFINITIONS AND REGULATIONS

Terms. The college year is divided into four terms of approximately 12 weeks each, as shown in the Calendar. The Summer term is only ten weeks, and yields proportionately fewer credits.

The Summer Term. After much experiment, the University has settled on the plan of offering a ten weeks' summer term. It is two weeks shorter than the other terms in order to avoid running into September, and to allow full four weeks vacation before the opening of the fall term. The student may earn

normally 12 credits, (the normal 15 credits in the 12 weeks term), or 15 maximum, in case of extra high grades.

The character of the work, number of hours, and all safeguards for the quality of work are carefully maintained, as in the other terms. A special line of student and college activities in the way of athletics, recreation and entertainments, adapted to the summer, serve to maintain college spirit.

The courses usually offered in this term are listed in the catalog with the others; but a special Bulletin is issued each spring giving full detailed information concerning the coming summer term.

Schedule. The class period is one hour. Usually each class recites three hours a week, on alternate days, Tuesday, Thursday and Saturday, or else on Monday, Wednesday and Friday. The afternoons are reserved for Laboratory work.

Chapel. 10:00 to 10:30 each day is reserved for chapel exercise. Regular chapel program is held on Tuesday, Wednesday and Friday at which every student is required to be present, unless excused for good reason by the Dean.

Credit. The unit of credit is the "term hour"; one hour per week for a term of twelve weeks being one credit. Thus a class reciting three times a week for a term, earns three credits; or three times a week for three terms, nine credits (total recitations hours 108).

The teachers are required so to gauge the work that the average student will spend two hours of preparation for each hour of recitation. Two hours of Laboratory work are considered equivalent to one hour of recitation. In Freshman classes, however, a larger portion of time in class or Laboratory may be required, for the good of the student, without increasing the credit.

Full Courses. Most of the subjects are arranged in nine credit courses, and each should be taken as a unit. Many of them are numbered separately for fall, winter and spring terms, (e. g. Hist. 11f, 12w, 13s),

but this is not an invitation to break the course; it is only a convenience for records, so that students who are in residence less than a session at a time, may nevertheless build for a degree. This is done to accommodate the growing number of students who utilize the summer term, or who must omit a term occasionally for financial reasons.

Amount of Work. Five classes at a time, which is fifteen hours per week, is the normal amount of work for a student. This will graduate him in the usual twelve terms; or four years of "regular sessions." By using the summer terms one may complete in three years.

Even the most capable students are urged not to undertake more than 15 (or 16) hours; and to strive for thoroughness and depth rather than haste. But students who are making an average grade of approximately A, may be permitted to carry 18 hours, at the discretion of the Dean.

Students in the dormitories must have a minimum of 14 hours, unless excused for reasons of health, on certificate of the College Physician.

Absences. Absence from a regular class brings a zero grade for the day, but if the absence be excused, and the lost lesson be made up, an average grade may be secured. Several absences will necessarily lower the grades even though the work be "made up." A student absent from any course one-fourth of the time in any term cannot receive a passing grade.

Group Absence. Groups such as Athletic Teams, Glee Clubs, etc., may not be absent from school more than nine days total in any one term, and these absences do not excuse the members from any assigned work of the class.

Eligibility for Intercollegiate Events. In order to be eligible to represent the school in any intercollegiate event, such as athletics, oratory, debate, glee clubs, editor, business manager, etc., a student must have passed in two-thirds of his work in the previous term, and be passing to date in the current term, in

two-thirds of his work; in case of athletics, the student must also be carrying the minimum of 14 hours; in other events he may be eligible on 12 hours if he is obliged to spend much time in earning money for expenses, in the judgment of the Dean.

Reporting Absences. Each teacher has the right to excuse an absence or assess a demerit for it; but if he does not know the cause, he shall report promptly to the chairman of the Student Government Committee who will post the student's name on the Bulletin Board, and have sole power to excuse the absence. If the student does not report or explain satisfactorily one or more demerits will be assessed for each absence.

Absence from chapel will be treated in like manner, only the monitors may not grant excuses.

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

A Summons by the President or a Dean is imperative, and a student is subject to suspension for neglecting it. Notice by the official Bulletin Board is considered sufficient.

REQUIREMENTS FOR GRADUATION

In prescribing the requirements for graduation, the Faculty accepts the idea of an elective system, but imposes certain modifications in order that the interests of the students and of the institution alike may be safeguarded.

Bachelor of Arts

First.—Each candidate for the degree of Bachelor of Arts is required to take the following courses:

Mathematics—Courses 11f, 12w, and 13s, nine credits.

Chemistry or Biology—Nine credits.

English—Courses 11 and 24, fifteen credits.

History or a Social Science—Nine credits.

Foreign Language—Either Ancient or Modern; one year of continuous work (not the first year of a language in any case), nine credits.

Philosophy—Courses 21f, 22w, and 23s, nine credits.

English Bible—Fifteen credits; nine credits in 15, and 21, and six in either 31 Sum., or 32fw.

Physical Training—Two years, no credits.

Second.—Each student is required to elect by the end of his Sophomore year a "group" of major, first minor and second minor departments, in which he will be expected to complete in the major department as many as 39, not more than 48, credits; in the first minor department as many as 27, not more than 36 credits; and in the second minor department 18, not more than 36 credits. The "groups" given below from which this selection must be made, are so arranged that the minor subjects will strengthen the major and make the student's specialization more effective.

Groups

1. **The Classic Group:**

Major, Greek or Latin Language and Literature
First Minor, the other of these subjects.
Second Minor, English.

2. **The English Group:**

Major, English.
First Minor, a Foreign Language.
Second Minor, a Social Science, another Language, History, Philosophy, or Education.

3. **Modern Language Group:**

Major, German, French, or Spanish.
First Minor, another of these subjects.
Second Minor (with German as Major), Education or English; (with French or Spanish as Major) Latin.

4. **The Social Science Group:**

Major, Political and Social Sciences, Philosophy or History.
First Minor, another of these subjects, English, or Education.
Second Minor, a Foreign Language, Mathematics, Chemistry or Biology.

5. The Science Group:

Major, Chemistry, Biology or Mathematics.

First *Minor (with Chemistry as Major), Biology, Mathematics or Domestic Science; (with Biology as Major), Chemistry; (with Mathematics as Major), Physics or Chemistry.

Second Minor, a modern language, Education or Physics.

Third—Each student is required to do resident work in this University at least three terms, earning at least 45 credits in addition to any number accepted from other schols, and to make, before graduation, a total of 180 credits and 400 points.

(By the term credit is meant one hour of recitation or two hours of laboratory work per week for one term. For estimation of points see "Grades," page 62).

Fourth.—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.

Bachelor of Science.

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

Mathematics—15 credits, except in the Domestic Science Group, 6 credits.

Science—9 credits each in Chemistry, Biology, Geology, Physics.

English—9 credits.

Language—9 credits, not the first year only.

Social Science—9 credits.

Philosophy—9 credits, Psychology preferred.

31smr or 32fw.

Bible—15 credits, 9 in 15, 21 and six in either

Physical Training—Two years, no credits.

Second—From the following groups the candidate must select a Major, Minor and Second Minor, as for the degree of Bachelor of Arts:

1. The Natural Science Group:

Major, Biology, Chemistry, Geology, or Physics.

First Minor, another of these subjects, or (with Physics as Major) Mathematics.

Second Minor, a third Natural Science, Language, Sociology, or Cooking.

2. The Domestic Science Group:

Major, Domestic Science or Chemistry.

First Minor, the other of these two.

Second Minor, Biology, Geology, Physics, Social Science, or Language.

Third, same as for B. A.

Fourth, same as for B. A.

MASTER OF ARTS AND MASTER OF SCIENCE

Although the resources of the University do not justify a pretentious graduate school, yet several of the departments have the facilities for giving work of graduate character. Hence, the University offers the Master's degree to those who meet the requirements and limitations which have been imposed in order to insure that the work done may measure up high standards implied by the degree. The requirements are:

First. He shall present an approved Bachelor's degree; B. S.; if candidate for the M. S., B. A., if candidate for the M. A.

Second. He shall do resident work in the University, for at least three terms, completing a minimum of 45 credits; and whatever additional work in any course a teacher may require in order to make it more of graduate character. These courses must all be of Senior rank, must have been passed with a grade of B plus or more, and must have been taken after the student had completed full 180 credits on the Bachelor's degree.

Third. He shall choose a Major department in which he will specialize, and in which field, under the direction of the Major Professor, he will write a thesis.

The subject and field of the Thesis must (1) be approved by the major Professor during the fall term, and the materials gathered and developed under frequent consultation with him; (2) it must show careful research of available sources; (3) it must indicate ability and accuracy in composition, together with a fair completeness of treatment; (4) it must have a table of contents, digest of argument, bibliography and foot note references to sources; (5) it must be in triplicate, well typed with covers riveted or bound; (6) it must be handed to the Dean for inspection two months, and be completed one month before the date of graduation.

Fourth. The student should make application and have his course approved by the Dean at the opening of the fall term; no application for the Master's degree will be considered, if presented later than the fall term.

Electives From the College of the Bible.

Candidates for the Bachelor's degree are permitted to elect as many as 36 credits in Bible, including the courses listed under the Department of English Bible, and any courses in the Brite College of the Bible, except those of technical or professional type. These latter are marked with a star in the list of courses on p. 114.

In case Hebrew is elected as a part of the "foreign language" study in the course leading to the A. B. degree, it will be deemed as a regular branch in the College of Arts.

Candidates for the Master's degree are permitted to elect as many as 20 credits in Bible from the Junior and Senior studies of the foregoing list, except first year Hebrew; but no studies used toward a Bachelor's degree may be recounted toward a Master's.

Electives From the College of Fine Arts.

A number of courses in the College of Fine Arts, which are of theoretical nature are eligible to count toward the Bachelor's degree, but in no case more than 30. These are shown on page 133.

RATES

All Charges Are Cash in Advance at the Beginning of Each Term.

Meals are served on the cafeteria plan, but board is charged at a fixed rate by the term. This affords a choice and a variety of warm and palatable food.

A deposit of \$5.00 into a common fund will be required to cover breakage or destruction of any property, or for double sockets, electric iron, or electrical appliances in any Dormitory room. Such deposit will be held until the end of the school-year, and after the amount of such damage or breakage (if any) has been deducted, then the balance will be prorated to each individual.

	Fall	Winter	Spring
Board—\$6.00 per wk.	\$ 84.00	\$ 66.00	\$ 72.00
Room Rent—\$3.00 per wk.....	42.00	33.00	36.00
* (1) General Fees	6.50	5.50	5.50
(2) Medical Fee	5.00	5.00	5.00
(3) Gymnasium Fee	6.00	5.00	5.00
Tuition	42.25	35.75	39.00
Term Totals.....	\$185.75	\$150.25	\$162.50
Total for year	\$498.50		

Students taking science courses will add to the above figures the laboratory fee in course, or courses, taken. These fees are listed below:

BIOLOGY LABORATORY FEES

	Fall	Winter	Spring
Biology and Geology	\$ 7.00	\$ 6.00	\$ 3.00
(11, 14, 24 or 28)			
General Bacteriology 17S.....			8.00
Hygiene and Sanitation 23W.....		2.00	
Comparative Anatomy 27.....	12.00	10.00	10.00
Field Geology 29F.....	6.00		
Mineralogy 31W		6.00	
Economic Geology 32WS.....		2.00	2.00
Index Fossils 33WS		6.00	6.00

CHEMISTRY LABORATORY FEES

	Fall	Winter	Spring
General Inorganic 11.....	\$ 7.00	\$ 6.00	\$ 6.00
Analytical 21	7.00	6.00	6.00
Organic 24	10.00	8.00	8.00
Chemistry Courses 31-32-33-42-44-45.....	7.00	6.00	6.00
* (4) Breakage Fee per each course.....	3.00	3.00	3.00

PHYSICS LABORATORY FEES

	Fall	Winter	Spring
Physics 27, 37	\$ 5.00	\$ 4.00	\$ 4.00
* (4) Breakage fee per each course.....	3.00	3.00	3.00

MATHEMATICS

Surveying Fee S.....			\$10.00
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***NOTES:**

- (1) General fees include library fees, entrance fees, office expense incidental to keeping records, and entrance to oratorical events, but does not include any athletic privilege or entrance.
- (2) Medical fee covers services of doctor and nurse for all ordinary cases of illness. It does not include necessary expenses of operations.
- (3) All students will be expected to take physical training, and this fee is, therefore, required of all. The fee covers full privileges of the magnificent new gymnasium and swimming pool just completed.
- (4) Breakage fees are refundable at the end of the year, less any breakage charges.

RATES to REGULAR or SPECIAL STUDENTS

Students taking less than three regular literary courses will pay a registration fee of \$4.00, and a general fee of \$1.00 per subject for each subject taken whether in College of Fine Arts or the College of Arts and Sciences.

Students taking less than three literary subjects will pay tuition per subject:

Fall	Winter	Spring
\$14.50	\$12.25	\$13.25

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

Vaccination (required unless excused by University physician) \$1.00.

All work in Fine Arts or Domestic Science Departments carries extra fees which will be found on the following pages:

	Pages
Fine Arts	148
Domestic Science	154

No reduction for students taking double time in any subjects

Students taking courses in Sciences or Literature to complete the full Domestic Science Course will pay the same rates as others not taking work in Domestic Science Department.

DISCOUNTS

Discounts for children of ministers who are solely dependent upon the ministry for support (applies to tuition in the College of Arts and Sciences only) 50%

Ministers' and teachers' wives or children, over 21 years of age, will pay regular rates.

Students taking only one-half time in any Fine Arts subject will be charged full time rate, less 40%

REFUNDS AND REDUCTIONS

Students having paid their accounts for the term in advance who leave on account of sickness before the end of the term, will be charged board at proportional rate for the time up to and including the week of withdrawal. The balance of the board charges unused will be refunded in cash, and the balance of other unused charge will be credited on later tuition within twelve months, provided that the student withdrew on account of sickness, certified by the College physician. If the student withdraws for any other

reason the entire unused amount will be credited on the next term's tuition. No refunds are made except as above, and no student is received for less than one term without previous agreement. Matriculation, hospital and gymnasium fees are not refunded.

Students entering late in a term who seek full credit for studies will pay full tuition and matriculation fee, but board and room will be counted from the day of entrance.

Students losing time in the College of Fine Arts due to the sickness of the teacher will not receive a rebate if the work can be made up. In case the student is sick, making up the work is optional with the teacher.

No refund will be made on account of a change in course of study or dropping subjects during a term unless authorized by the Dean of the Faculty.

Week-end visits are not permitted except by permission of matron or dean, nor oftener than once a month; and home visits not oftener than once a term; and no reduction for board will be made for such visits or for work in the city, or holidays.

No electric irons are permitted in any College building, as the wiring for lights is so light that very great damage may be done by an iron. No cooking, serving nor preparing of meals is allowed in dormitory rooms.

No reduction of fees is made for holidays. Charges are made by the term, and no estimation by the month, week or day will be recognized. Students who are not regular boarders will be charged 40 cents per meal.

In no case will a student be permitted to enter classes permanently until bills are settled or satisfactorily arranged for. 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 automatically dropped from classes.

Students are not admitted to examinations and not entitled to credits unless all bills, such as board, tuition, room rents and fees, have been paid for that term.

No money will be advanced to students by the school for any purpose.

ALL BOOKS ARE CASH. No exceptions. Parents are advised to deposit sufficient funds in the T. C. U. Bank for such expenses.

All privileges of the school are open to students during the Christmas holidays, excepting class-room work.

All of the above prices are based on a conservative estimate, but rates of board and food supplies are subject to change on short notice.

COURSES OF INSTRUCTION

Courses numbered from 10 to 19 have **Freshman rank**, and if taken by Juniors or Seniors will yield only two-thirds their regular amount of credit.

Those numbered 20 to 29 have Sophomore rank; those numbered from 30 to 39 have Junior rank; those numbered from 40 to 49 have Senior rank.

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

The letters f, w, s, smr, affixed to the numbers signify that the course is to be offered in the Fall, Winter, Spring or Summer terms respectively. Courses not designated by letters continue for the three terms.

Courses with consecutive numbers and f. w. s. in succession (e. g. 11f, 12w, 13s) must be taken continuously, as one unbroken course, unless good cause can be shown for a change. They are thus numbered so they may be counted separately by students who are in attendance only a portion of the year.

The figures following the names of the courses denote the time of day that recitations begin, and the letters the days of the week. Each recitation lasts an hour unless otherwise indicated.

No credits will be entered on the records of the University until the course is completed as indicated by the number of credits named in the parenthesis following the title of the course.

DEPARTMENT OF BIOLOGY AND GEOLOGY.

Professor Winton

Instructors: Mrs. Winton

Mr. Scott

Mr. Council

11. **General Biology** (nine credits to Freshmen and Sophomores. Six credits to Juniors and Seniors).
Sec. I: T. Th. 11:30. Sec. 2: W. F. 1:30.
Laboratory: T. or W. or Th., 1:30 to 4:30.
This course is prerequisite to any other in this department.
14. **Botany** (nine credits) T. Th. 9:00 F. 1:30 to 4:30. Entering students (except B. S. or premedical candidates) who have had one unit of high school Botany may substitute this course for 11. Otherwise Biology 11 is prerequisite. (offered in 1921-22 and alternate years).
24. **Entomology and Invertebrate Zoology** (nine credits).
T., Th. 10:30 M., 1:30 to 4:30.
(offered in 1921-22 and alternate years).
27. **Comparative Anatomy** (nine credits) T. Th. 11:30; W. 1:30-4:30.
28. **General Geology** (nine credits) W. F., 10:30; T. 1:30-4:30.
- 23w. **Hygiene and Sanitation** (three credits), T., Th., S. 9:00. This course is creditable also in the departments of Chemistry, Domestic Science, Sociology and Education.

- 26s. **Physiology** (three credits) T., Th., S. 9:00.
- 29f. **Field Geology** (three credits), M., W. 9:00; Th., 1:30-4:30.
- 32ws. **Index Fossils** (six credits) M., W. 9:00; Th. 1:30-4:30. (offered in 1921-22 and alternate years).
Courses offered in 1922-23 and alternate years:
- 31f. **Mineralogy** (three credits), M., W. 10:30; T., 1:30-4:30.
- 32ws. **Economic Geology** (six credits), M., W., F. 9:00.
- 37s. **Bacteriology** (three credits), W. F. 10:30; Th. 1:30-4:30.
(17s in former catalogs).
Courses offered in Summer of 1922, and alternate summers:
11. **General Biology**. (nine credits).
27. **Comparative Anatomy**. (nine credits).
28. **General Geology** (nine credits).

DEPARTMENT OF CHEMISTRY AND PHYSICS

Professor Davis

Associate Professor Hogan

11. **General Inorganic Chemistry** (nine credits), two sections.
Lectures and recitations, M., W. 9:00 and T., Th. 11:30.
Laboratory Th. 1:30 to 4:30 and W. 1:30 to 4:30.
When taken in Junior and Senior years only six credits are allowed.
21. **Elementary Analytical Chemistry** (twelve credits), W. 9:00. ⁷
Laboratory M., W. 1:30⁶ to 4:30.

The first half of the year will be devoted to the training of the student in the detection of the more common metal and acid ions, as well as in the theoretical principles upon which these separations are based.

The second half of the year will be devoted to gravimetric and volumetric analysis of simple compounds and minerals. Lecture one (1) hour per week and laboratory (6) hours per week.

24. **Organic Chemistry.** (nine credits).

Lectures and recitations, T. Th. 11:30.

Laboratory F. 1:30-5:30.

A study of the fundamental types of organic compounds, their nomenclature, classification, reactions and their applications. Two hours lecture, and 4 hours laboratory per week. Prerequisite Chemistry 11.

27. **Industrial Chemistry** (nine credits), M., W., F. 10:30.

A study is made of the most fundamental industries. Students are assigned topics for study by reference to standard industrial texts, industrial journals and government reports. The results of their investigations must be presented before the class for discussion.

Visits are made to the various manufacturing plants in Fort Worth and in its vicinity. Three lectures per week. Prerequisite Chemistry 11.

32. **Organic Preparations,** (nine credits).

Lectures F. 8:00.

Laboratory W., F. 1:30-4:30.

A study of organic synthesis. One lecture and two laboratory periods per week. Prerequisite Chemistry 24. (not offered in 1921-22).

35. **Petroleum Technology,** (six credits).

Lecture T., Th. 1:30. Laboratory Th. 1:30-4:30.

A study of the origin, composition, analysis and refining of petroleum. Two lectures and one laboratory period per week. The laboratory is given to the study of the analysis of petroleum and its products, and to natural gas. Prerequisites: Chemistry 24 and Geology 28. Chemistry 24 and Geology 28 may be taken concurrently.

31f. Inorganic Preparations, (three credits).

Lectures T. 9:00. Laboratory M., W., F. 1:30 to 3:30.

33w. Chemistry of Food and Nutrition, (three credits).

Lectures, T., Th. 9:00.

Laboratory M. 1:30 to 3:30.

45s. History of Chemistry (three credits), T. Th., S. 9:00.

A course of lectures, text-book and library work.

Physics.**27. General Physics, Mechanics, Sound, Heat, Light, Electricity, (twelve credits).**

Lectures and recitations, T., Th. 10:30.

Laboratory, T. or M. 1:30 to 5:30.

Prerequisite High School Physics, and Pl. Trigonometry.

(1921 and before, this course was 17).

31. Physics, Electricity (nine credits).

Lectures and recitations, M., F. 9:00.

Laboratory, W. 1:30 to 4:30.

Prerequisite, Physics 27, or by permission to advanced students.

(1921 and before, this course was 21). Not offered in 1921-22.

DEPARTMENT OF EDUCATION

Professor Smith

Professor McDiarmid

Professor Billington

Free Employment Service. The Head of the Department of Education is chairman of the Committee on Recommendation of Teachers. In this capacity he aids the students who desire to teach, to secure positions, without charge.

Saturday Classes for Teachers. Courses are arranged in several departments for Saturdays, to accommodate public school teachers in active service.

Admission to these classes is open to mature persons on personal arrangement. Not more than two such courses at a time may be carried.

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, or for building from a lower to a higher certificate will be furnished by the Head of the Department or the Dean. The following are the chief provisions applying to College students:

For One Year of College Work (45 credits) including 9 credits in Education, 9 in English, and not more than 18 in any one subject will be issued:

A **First Class Elementary Certificate** valid for 4 years; or a **First Class High School Certificate** valid for 2 years.

For Two Years of College Work, (90 credits) including 18 credits in Education, 9 in English, will be issued:

A **First Class Elementary Certificate** valid for 6 years; or a **First Class High School Certificate** valid for 4 years, provided in the second case one course bears on High School teaching (32f, 34ws).

For Three Years College Work (135 credits) including 27 credits in Education (to be selected under the advice of the Department) will be issued a **First Class High School Certificate** valid for 6 years.

For Four Years College Work, i. e. graduation, including 36 credits in Education (selected on advice of department) may be issued a **Permanent High School Certificate**.

For the degree and three years of teaching, a **Permanent Certificate** may be had.

A **Permanent Elementary Certificate** may be had by adding five years experience to the 6 year **Elementary Certificate**; and each additional year of college work will substitute for a year's experience.

Further details may be had on application.

The Freshman Course.

Summer Courses will be offered every summer term, both elementary and advanced.

Educ. 11f. 12w. 13s., constitute a continuous course, prescribed for Freshmen who will apply for any Certificates. These will not yield credit to Juniors or Seniors.

- 11f. **Introductory Course (Psychology)**. Three credits. I. M. W. F. 9:00; II. T. T. S. 9:00.

An introductory course to the study of the Science of Education and the principles of psychology applied to education.

- 12w. **School Management (Administration)**. Three credits. 2 Sec. I M., W., F. 9:00. II, T., Th., S. 9:00.

A study of the problems and processes of organization and control of the class and school.

('19-'20 and before, this course was 18).

- 13s. **General Method, (Processes)**, Three credits. Sec. I, M., W., F. 9:00 Sec. II, T., Th., S. 9:00.

An introductory study of the principles of teaching.

('19-'20 and before, this course was 15).

I. EDUCATIONAL HISTORY.

- 21f. **History of Elementary Education**. (Three credits), T., Th., S. 8:00.

A study of the Educational theory and practice of Elementary Education in its historical development.

- 24w. **Public Education in the United States**. (Three credits), T. Th. S. 8:00.

A consideration of some of the important problems in the organization and adjustment of the public Education in the United States studied historically.

31fws. **History of Education.** (9 credits).

- f. Before the Middle Ages.
- w. During the Middle Ages.
- s. In Modern Times.

Pre-requisite: History 11, 12, and 13. Not offered 1921-1922.

('19-'20 and before this course was 21).

30smr. An outline of the History of Education.
(three credits).

II. PRINCIPLES OF EDUCATION.

32f. **General Principles of Education.** (Three credits), M. W. F. 11:30.

An examination of the fundamental principles upon which sound Educational procedure must be based.

Pre-requisites: Biology 11, Education 11, and Philosophy 21.

34ws. **Secondary Education,** (six credits). M. W. F. 11:30.

A study of the principles underlying the Social and Economic advantages of the American High School and its adjustment to meet the needs of the community which gives it support.

Pre-requisite: Education 32.

('19-'20 and before this course was 33).

Courses 32 and 34 are recommended for applicants for the four years, or six years High School Certificate.

III. PROCESSES OF EDUCATION.

26s. **Special Methods—Elementary School Subjects.**
(Three credits). T. Th. S. 8:00.

Methods applied to the common branches with a careful consideration of Observation and Practice Teaching.

Pre-requisite: Education 13s.

41f. **Secondary Education—Processes.** (Three credits). M. W. F. 10:30.

A careful study of the Method applicable in High School Teaching.

Pre-requisite Education 13s. and Education 34ws.

IV. EDUCATIONAL PSYCHOLOGY.

22smr. **Psychology of Childhood.** (Three credits).

This course aims to give the student a clear knowledge of the child's nature so that he may be able, properly to interpret the child's activities and make use of them in educational work.

Pre-requisite: Philosophy 21.

35f. **Adolescence.** (Three credits).

A study of the High School Age with its applications to the Physical, Mental and Moral development of the Adolescent.

Pre-requisite: Phil. 21. Not offered in 1921-22. ('19-'20 and before, this was 41).

43fws. **Advanced Course.** (Nine credits). T., Th., S. 10:30.

f. The Native Equipment of the Individual.

w. The Psychology of Learning.

s. The Psychology of School Subjects.

45. **Seminar.**

Mental and Educational measurements.

Not given in 1921-22.

V. EDUCATIONAL ADMINISTRATION.

25s. **Supervision of Study and Instruction.** (Three credits). M., W., F. 10:30.

44w. **School Administration.** (Three credits).

The Problems of City, County and State School Administration.

M., W., F. 10:30.

47. **Seminar.**

City, County, and State School Surveys.

VI. SPECIALIZED COURSES.

The following courses are offered in other Departments, but are designed especially for teachers, or adapted to their needs in the special fields, and count for credit in Education. They are open only to advanced students in Education.

23w. **Hygiene and Sanitation.** (three credits), T., Th. S. 9:00.

Same as Biol. 23w. Affords the teacher a thorough scientific basis for the practice and teaching of sanitation in school and community.

44s. **Rural Economics,** (three credits), M., W., F. 11:30.

Same as Economics 32s. A study of the fundamental economic and social problems of the country, and the relation of the public school to these.

46s. **Teaching English in the Secondary Schools,** (three credits), T., Th., S. 9:00.

Same as English 46.

Prerequisite: Freshman and Sophomore English.

40s. **Teaching History in Secondary Schools,** (three credits), T., Th., S. 11:30.

Same as History 40s.

Pre-requisites: Two years college history, one year in Education.

VII. RELIGIOUS EDUCATION.

Credits: The Department of Religious Education in the College of the Bible offers courses totaling 27 credits. All are graded to college standards. Any course may count on the Bachelor's degree as free elective; nine credits from courses 21, 22, 31, 32, 33, may count on a minor in Education, or on the 36 credits for a Permanent Certificate; only three credits of these may be used on the 9 for securing a First Grade Certificate, and none in the first certificate applied for.

- 21f. **History of Religious Education**, (three credits), T., Th., S. 11:30.

The origin and development of Education within the field of the church, and the movements and organizations associated therewith; and the part these play in the general problem of Education of the nation.

(Not offered in 1921-22).

- 22w. **Story Telling in (Religious) Education** T., Th., S. 11:30.

Students will study how to tell, produce, dramatize and classify stories for all kinds of teaching.

Practice work required.

The Bible stories will receive special attention, and emphasis given to use of stories in religious work, but the subject of the story in teaching is fully covered.

(Not offered in 1921-22).

- 31f. **The Psychology of Religious Development**. (three credits). T., Th., S. 8:00.

A study of the laws and principles underlying the religious training of childhood and youth. Pre-requisite: Phil 21 or Rel. Educ. 11.

- 32w. **How to Teach Religion**, (three credits), T., Th., S. 8:00.

An application of the laws of teaching to the work of Religious Education. Pre-requisite: Rel. Education 31.

- 33s. **The Organization and Administration of Religious Education**. (Three credits), T., Th., S. 8:00.

This course seeks to establish a scientific program of religious education for the church. The vital problems of the church will be studied practically.

Pre-requisite: 31, 32.

DEPARTMENT OF ENGLISH

Professor Bryson

Assistant Professor Major

Assistant Professor, Rebecca Smith

11. **Rhetoric** (nine credits), six sections.

Mr. Bryson, M., W., F. 10:30, T., Th., S. 9:00.

Miss Major, M., W., F. 9:00 and 10:30.

Miss Smith, M., W., F. 11:30, T., Th., S. 11:30.

(Sections will be closed as soon as the full complement of students is reached in each instance).

Required of all Freshmen.

11wss. **Rhetoric** (nine credits), M., W., F. 10:30.

A trailer class in Freshman English beginning in the winter term; 3 hours a week in winter, and six hours a week in spring, completing the course; for Freshmen entering in winter, or failures in the fall.

Miss Smith.

24fw. **English Prose and Poetry** (six credits), three sections.

Mr. Bryson, T., Th., S. 10:30.

Miss Major, T., Th., S. 9:00.

Miss Smith, M., W., F. 9:00.

A survey of English literature from Beowulf to the present time. Required of all regular students and a pre-requisite to all courses in literature.

Course 24 is usually offered in the summer term, and several advanced courses.

English 25 — **Contemporary English Literature**.
(Three credits) M., W., F. 9:00.

A continuation of English 24, covering the more important English writers of poetry, fiction and drama since 1870. Prerequisites: English 11 and 24.

31fw. **Victorian Poetry** (six credits), T., Th., S. 10:30

A study of Tennyson, the Brownings, Arnold, and Swinburne; the most noteworthy minor poets of the period constituting the parallel readings.

Miss Major.

36fw. **American Literature** (six credits), T., Th., S. 9:00.

A survey course in the tendencies and chief writers of American Literature. Prerequisite: Eng. 11.

37f. **English Essays** (three credits), T., Th., S. 11:30.
Mr. Bryson.

32ws. **Advanced Composition** (six credits), M., W., F. 9:00.

With some emphasis on journalistic writing.

35ws. **Shakespeare** (three credits), M., W., F. 11:30.
Miss Major.

46s. **The Teaching of English in Secondary Schools** (three credits), T., Th., S. 9:00.
Miss Major.

Under the certain conditions these three credits may be counted in Education.

41fws. **Old English** (nine credits), M., W., F. 11:30.
The course includes a historical study of the development of the English language.
Required for a major in English.

Mr. Bryson.

DEPARTMENT OF ENGLISH BIBLE.

Dr. Lockhart
Professor Hall
Professor Billington

This University, from the date of its founding, has held that a knowledge of the Bible is essential to a liberal education. Recent history has wonderfully vindicated this attitude. Bible studies have found acceptance now in all schools of high rank and modern alertness. They are taught here, not with any sectarian bias, but with a frank faith in the divine nature of the message.

Fifteen credits are required for the A. B. degree, and a maximum of 36 are accepted toward it. A full list of Bible studies will be found in the Department of the Brite College of the Bible, pages 115-122. Those which are eligible for the A. B. are shown on pages 113, 114.

The list below presents only the courses required for the A. B. degree. Ministerial students, and others who prefer to specialize in Bible, should consult the later list. For courses 21, there may be substituted Gospels 24 or O. T. Hist. 23. Either 31 or 32 is required, but not both.

- 15 **Life of Christ** (three credits), F. 10:30 or S. 11:30
or Th. 8:00.

A study of the life and work of Jesus Christ in its setting in the world's history and thought. Required of Freshmen. Mr. Hall.

- 21fw. **Hebrew and Jewish History** (six credits), T., Th., S. 11:30.

The Bible text, assisted by a text book, with lectures and outlines, and library references; from Genesis through the Old Testament period. This covers the same ground as O. T. History 23, but more condensed. One section, limit 30. (This is the same as 21, 22, 23 in 1920-21 catalog).

Mr. Billington.

- 21ws. **Hebrew and Jewish History** (six credits), M., W., F. 12:30.

Same as 21fw. constituting a second section for those who cannot begin this course in the fall.

Pre-medic students may let this follow Phil. 21.

- 31smr. **Messianic Prophecy** (six credits).

A survey of the work of Old Testament Prophets and its bearing upon their Messianic announcements. An exegetical study of all the leading passages of the Old Testament that are usually regarded as Messianic. Only in Summer Term.

Dr. Lockhart.

- 32fw. **Literature of the Old Testament** (six credits).
T. Th. S. 12:30.

A careful study of selected literature in the Old Testament as compared with other ancient literatures. Dr. Lockhart.

DEPARTMENT OF GREEK.

Professor Lockhart.

11. **Elementary Greek** (nine credits), T. Th. S. 8:00.
 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. Spring Term, Greek Composition. Translation of English into Greek with drills in grammar and passages in the Anabasis.

(1920-21 and before this course was 1 and 2).

21. **Composition and Reading Course** (nine credits),
 M. W. F. 11:30.

Further selections from the Anabasis, with sight translation; prose composition, with a review of Syntax.

Winter: Reading Course. Xenophon and Herodotus, word study and Syntax.

Spring: Plato. The Apology and Crito, with word study and style.

(1920-21 and before this course was 12, 13, 14).

See Bible College for courses in New Testament and Patristic Greek.

Other courses in Classic Greek may be arranged when needed.

DEPARTMENT OF HISTORY

Professor Roberts

Assistant Professor Dunlavey

A fee of 75c per term is used to purchase high-class magazine material at reduced rate, and this is used for class study on current history.

Each group marked f. w. s. is a distinct course and may be sub-divided only for imperative reasons.

The Freshman Course, 11f, 12w, 13s. Four Sections. M. W. F. 8:00 and 9:00; T. Th. S. 10:30 and 12:30.

Must be taken by every Freshman except in cases where an extra strong High School preparation in History can be shown.

11f. **History of Medieval Europe**, (three credits).

Preliminary study of the way the nations of Ancient times affected the gap between the comparatively unitary ancient period and modern nationalism.

12w. **Modern Europe to 1815**, (three credits).

Protestant Reformation, Political Revolution, Colonization, Struggle for mastery of the seas.

13s. **Europe Since 1815**. (three credits).

Congress of Vienna, Industrialism, Colonial expansion, Democracy, Unification of Italy and Germany, Balkans States. The Great War and reconstruction.

21f. **England to 1603** (three credits). Pre-requisite History 11, 12 and 13; or four years of high school history. M. W. F. 10:30.

Roman, Saxon, Danish and Norman conquests and their results. Magna Carta, House of Commons, Tudor absolutism, Reformation.

22w. **England and Great Britain**, from 1603 to 1815. (three credits).

Pre-requisite same as for History 21. M. W. F. 10:30.

Puritan Revolution, Bill of Rights, Mistress of the seas, Colonial expansion. Loss of the American colonies. Struggle against Napoleon.

23s. **British Empire Since 1815** (three credits), Pre-requisite same as for Hist 21 and 22. M. W. F. 10:30.

Political and social reforms. Growth of democracy. Forming the British Empire. Extension of colonial possessions. The Great War and reconstruction.

24f. **United States: Colonial Period, 1492-1783**, (three credits).

For Sophomores and Juniors, M. W. F. 11:30.

European background. European claims in America. Expuration and Settlement. Development of the colonies. Independence.

- 25w. **United States, 1783 to 1865** (three credits) For Sophomores and Juniors. M. W. F. 11:30.

Critical Period. Organization of the government. Growth in territory and population. Social and industrial development. Slavery controversies.

- 26s. **United States since 1865** (three credits) For Sophomores and Juniors. M. W. F. 11:30.

Reconstruction. Immigration. Rapid growth of the west. The Great War and New Problems.

- 30w. **History of Texas and the Southwest** (three credits), T. Th. S. 11:30.

Pre-requisite courses 24, 25 and 26.

Exploration and settlement of the southwest. Acquisition by the United States. Settlement, growth and development of Texas.

- 31f. **Revolutionary Period in Europe** (three credits) For Juniors and Seniors. T. Th. S. 11:30.

A critical study of the period from 1763 to 1815 with special stress upon the French Revolution. (not offered 1921-1922).

- 32w. **German Militarism and Reconstruction.** For Juniors and Seniors. T. Th. S. 11:30.

Brief history of the Germans from their earliest contact with civilization. Growth, development, and unification of Germany. German traits, and ideals. The Great War and its results. The New Germany. (not offered 1921-22).

- 33s. **Contemporary European History** (three credits) Juniors and Seniors. T. Th. S. 11:30.

Historical background of the Great War. Problems of current European and World development. The Treaty of Peace and the League of Nations. The new nations and new governments. (not offered 1921-22).

34f. **Latin American Colonies** (three credits) For Juniors and Seniors. T. Th. S. 8:00.

Origin of Spanish and Portuguese Peoples. Social political, economic and intellectual life of Spain during the period; exploration, settlement and civilization of Spanish and Portuguese. America and the Philippines.

35w. **Latin American Republics** (three credits). For Juniors and Seniors. T. Th. S. 8:00.

The Latin American states, their governments, social conditions, industries, and problems.

36s. **United States and Latin America** (three credits) For Juniors and Seniors. T. Th. S. 8:00.

The Monroe Doctrine, Relations of the United States with the Latin American countries. The Panama canal. Means of cultivating more friendly relations.

38f. **History of Democracy** (three credits) Junior and Seniors. T. Th. S. 11:30.

Beginners of democracy. Local self-government. Republics of antiquity. Italian republics, Growth of democracy. Switzerland, Holland, England, United States, France, Latin American Republics. Dominions of the British Empire. The Great War for democracy.

41f. **History of Japan.** (three credits) Seniors.

Pre-requisite two years of college history. T. Th. S. 9:00 Origin, growth and characteristics of Old Japan. Contact with the West. Transformation. A world power. Part in the Great War. Present-day situation.

42w. **History of China** (three credits) Seniors. Pre-requisite same as for 41. T. Th. S. 9:00.

Beginning and development of a great center of civilization. Chinese culture. Plans to dismember China. Awakening Relations with Japan. Present problems.

43s. **History of India** (three credits) Senior. Pre-requisite same as for 41 and 42. T. Th. S. 9:00.

Character of the country and its peoples. Hindu ideals. The Mooguls. British influence. Political and social movements. Part in the Great War. New Problems. The new government.

44smr. 1921. **The Ottoman Empire and the Near East** (three credits).

Seniors. Pre-requisite same as for 41, 42 and 43. Origin, growth and dominion of the Ottoman Turks. Their decline. The Near East question. Jealousies and conflicts culminating in the Great War. Present situation.

40s. **Teaching History in Secondary Schools** (three credits).

Pre-requisite two years of college history and one in Education. T. Th. S. 11:30.

Methods of teaching history in secondary schools, making courses of study; comparison of the texts; use of sources and readings; placing of emphasis; equipment.

DEPARTMENT OF LATIN

11f. **Ovid** (three credits) M. W. F. 9:00.

Ovid (or Virgil's Aeneid) with prosody, composition, Syntax and sight reading.

12w. **Livy** (three credits) M. W. F. 9:00.

Livy, Books XXI-XXII. The Syntax of the Latin verb.

13s. **Terence** (three credits), M. W. F. 9:00.

A critical study of the subjunctive mood.

Readings from Terrence, Cicero's Essays, Pliny or Horace may be substituted for the above; and additional courses may be offered, as required by the students.

DEPARTMENT OF MATHEMATICS

Professor Hargett

Assistant Professor Tucker

The Freshman courses, 11, 12 and 13, are required for graduation. If taken in the Junior or Senior years, they will count for two-thirds credit only. 10, Solid Geometry, may be substituted for 13 in case of a student who does not take additional courses in Mathematics.

Each section of 11 and 12 will meet four hours a week.

11f. College Algebra (three credits).

Mr. Hargett Sec. I. T. Th. S. 8:00 and M. 11:30
Sec. III. M. W. F. 9:00 and M.
11:30.

Mr. Tucker Sec. V. T. Th. S. 9:00 and S. 11:30
Sec. II. T. Th. S. 8:00 and S.
11:30.
Sec. IV. M. W. F. 9:00 and S.
11:30.
Sec. VI. T. Th. S. 10:30 and M.
1:30.

This course comprises complex numbers, inequalities, variation, progression, binomial theorem and logarithms. Pre-requisite: Plane Geometry 1 unit, Algebra $1\frac{1}{2}$ units. (In former catalogs, this course was 13s.)

11w. College Algebra (three credits).

Mr. Hargett Sec. VII. M. W. F. 9 and M. 11:30.
Same as 11f.

12w. Plane Trigonometry (three credits).

Mr. Hargett Sec. I. T. Th. S. 8:00 and M. 11:30.
Sec. III. T. Th. S. 9 and S. 11:30.
Mr. Tucker Sec. II. T. Th. S. 8:00 and S. 11:30
Sec. IV. M. W. F. 9 and S. 11:30.
Sec. VI. T. Th. S. 10:30 and M.
11:30.

This course comprises trigonometric functions and inverse functions and formulas dealing with

their relations; trigonometric equations; the solution of the right and oblique triangle.

Pre-requisite: Mathematics 11 or two units of high school Algebra, including logarithms.

10w. Solid Geometry (three credits).

Mr. Tucker, T. Th. S. 10:30.

This course comprises a study of the geometry of space with original exercises and problems.

Pre-requisite: Entrance credits. (In former catalogs this course was 11f).

12s. Plane Trigonometry (three credits).

Mr. Tucker, T. Th. S. 10:30 and M. 1:30.

Same as 12w.

13s. Plane Analytical Geometry (three credits).

Mr. Hargett, T. Th. S. 8:00. T. Th. S. 9:00.

Mr. Tucker, T. Th. S. 8:00. M. W. F. 9:00. M. W. F. 11:30. Same as 13f.

13f. Plane Analytical Geometry (three credits).

Mr. Tucker, T. Th. S. 11:30.

This course comprises co-ordinates, equations, straight-lines, circle, with short discussions on the parabola, ellipse, and hyperbola. A trailer class.

Pre-requisite: Mathematics 11 and 12. (In former catalogs this course was included in 21).

14f. Surveying (three credits).

Mr. Tucker, T. Th. S. 1:30.

This course comprises the ordinary problems of the practical land surveys. There will be much field practice with transit and level.

Pre-requisite: Mathematics 11 and 12.

21f. Differential Calculus (three credits).

Mr. Hargett, T. Th. S. 10:30.

Elementary course. Love's text.

Pre-requisite: Mathematics 11, 12 and 13

21w. Differential Calculus (three credits).

Mr. Tucker, T. Th. S. 11:30.

Same as 21f. Love's text.

- 22w. **Differential Calculus** (three credits).
 Mr. Hargett, T. Th. S. 10:30.
 A continuation of 21f. Love's text.
- 22s. **Differential Calculus** (three credits).
 Mr. Tucker, T. Th. S. 11:30.
 A continuation of 21w. Love's text.
- 23s. **Integral Calculus** (three credits).
 Mr. Hargett, T. Th. S. 10:30.
 Completion of Love's text.
- 36f. **Advanced College Algebra** (three credits).
 Mr. Hargett, M. W. F. 12:30.
 Text: Wilczynski and Slaught.
- 34w. **Theory of Equations** (three credits).
 Mr. Hargett, M. W. F. 12:30.
 Text: Cajori.
- 44s. **Advanced Calculus** (three credits).
 Mr. Hargett, M. W. F. 12:30.
 Curvature, partial differentiation, envelope, singular point, series, expansion of functions, applications to the geometry of space, succession and partial integration.
- 24f. **Advanced Analytical Geometry** (three credits).
 Mr. Hargett, M. W. F. 11:30.
 Conic sections.
 Pre-requisite: Mathematics 13. (not offered inn 1921-1922).
- 42w. **Differential Equations** (three credits).
 Mr. Hargett, M. W. F. 11:30.
 Pre-requisite: Mathematics 23. (not offered in 1921-1922).
- 43s. **Differential Equations** (three credits).
 Mr. Hargett, M. W. F. 11:30.
 Pre-requisite: Mathematics 42. (not offered in 1921-1922).

DEPARTMENT OF MODERN LANGUAGES

Professor Richards
 Assistant Professor Hoblit
 French

11. **First Year French.** (9 credits), T. Th. S. 9:00.
 Text-books used. Fraser and Squair "Shorter French Course"—first 50 lessons; Cerf and Giese "Beginning French"—study of Conversation and Composition exercises; Smith and Greenleaf "A French Phonetic Reader"; Labiche and Martin "Le Voyage de M Perrichon," or "La Poudre aux Yeux."
21. **Second Year French.** (9 credits), T. Th. S. 10:30.
 Continued study of Grammar; mastery of verb forms; writing of French from dictation; emphasis on conversation and composition. Text-books used: Carnahan "French Review Grammar"; Vreeland and Koren "French Composition"; Cardon and Weeks "A la Maison Francaise"; Daudet "Tartarin de Tarascon"; Hugo "Quatre-vingt-treize"; Merimee "Colomba"; Augier "Le Gendre de M. Poirier."
 Pre-requisite: Two years of high school French, or one year of college French.
31. **Third Year French.** (9 credits), T. T. S. 11:30.
 Study of advanced French composition and conversation; reading of 600-800 pages of French; comprehensive themes in French based on reading.
 Text-books used: Martin "At West-Point"; Pattou "Causeries en France"; Geddes "French Phonetics"; Hugo "Hernani or Ruy Blas"; Balzac "Eugenie Grandet"; Rostand "Cyrano de Bergerac"; Anatole France "Le Crime de Sylvestre Bonnard."
 Pre-requisite: Four years of high school French, or two years of college French.
41. **Fourth Year French.** (9 credits).
 Cours de Litterature Francaise de 1600 jusqu'a 1850. General survey of French literature with particular emphasis on the classics. The course will be conducted in French.
 Pre-requisite: Three years of college French, and ability to understand readily spoken French.

German.

11. **First Year German.** (9 credits), M. W. F. 8:00.
Text-books used: Allen and Phillipsohn "German Grammar"; Wesselhoeft "Exercises in German Conversation and Composition"; Storm "Immen-see"; Heyse "L'Arrabbiata."
21. **Second Year German.** (9 credits).
Continued study of grammar; writing of German from dictation; emphasis on composition and conversation. Text-books used: Pope "German Composition"; Zschokke "Der Zerbrochene Krug"; Elz "Er ist nicht eifersüchtig"; Schiller "Wilhelm Tell."
Pre-requisite: Two years of high school German, or one year of college German.

SPANISH

11. **First Year Spanish.** (nine credits), Sec. I. T. Th. S. 8:00; Sec. II. T. Th. S. 9:00.
This course stresses conversation, correct pronunciation and fundamentals of Spanish Grammar. Reading of an elementary text.
For Beginners, or those who have had one year of High School Spanish.
(In former catalog this course has been numbered A or 1.
21. **Second Year Spanish.** (nine credits), Sec. I, M. W. F. 8:00; Sec. II. M. W. F. 10:30.
Advanced Grammar and conversation. Composition. Reading of Short Stories. Pre-requisite: One year of College Spanish or two years of High School Spanish.
(In former catalogs this course has been numbered 12).
31. **Third Year Spanish** (nine credits) M. W. F. 11:30
Reading of Modern Spanish Literature. Commercial Correspondence, Conversation, Pre-requisite: Two years of College Spanish or three years of High School Spanish.
(In former catalogs this course has been 23).

41. **Fourth Year Spanish.** (nine credits), Hours to be arranged,

Spanish Phonetics. History of Spanish Literature. A careful study of Ramsey's "Text Book of Modern Spanish." Intended primarily for those who intend to teach Spanish. Pre-requisite: Three years of College Spanish or its equivalent.

DEPARTMENT OF PHILOSOPHY

Professor E. W. McDiarmid

Sophomore course, 21, 22, 23 constitute a continuous course required in the Sophomore year, for the Bachelor's degree. Pre-requisite, Sophomore standing.

- 21f. **Elementary Psychology**, (three credits).

Section I. T. Th. S. 10:30; Section II. T. Th. S. 9:00.

- 22w. **Elementary Logic** (three credits), T. Th. S. 10:30.

- 23s. **Elementary Ethics** (three credits), T. Th. S. 10:30.

- 24s. **Experimental Psychology** (three credits), T. Th. S. 9:00.

A first course in experimental psychology. This course is particularly for pre-medical students, and for those interested in psychology from a biological standpoint. Experimental studies on instinct, sensations; space and visual perception, etc. Students will be assigned laboratory work each week in addition to regular hours of recitation. Pre-requisite, Philosophy 21.

34. **History of Philosophy** (nine credits), M. W. F. 10:30.

An introduction to philosophical thought, and includes a study of Greek, Medieval and Modern Philosophy. Text, with parallel readings from original sources.

- 35f. **Social Psychology** (three credits) M. W. F. 9:00.

36w. **Abnormal Psychology** (three credits) M. W. F. 9:00.

A study of dreams, hypnosis, mental telepathy, psychoanalysis, psychical research, spiritism, insanity, etc. Pre-requisite, Philosophy 21.

(1921-22 and before this course was 43).

39s. **Philosophy of Religion** (three credits) M. W. F. 9:00.

A survey of the fundamental ideas and concepts of religion from the philosophical point of view. A study of the idea and attributes of God, the problem of evil, of human freedom, immortality, etc.

33s. **Psychology of Religion** (three credits) M. W. F. 9:00.

A study of application of the methods of modern psychology to the problems of religion. The religious instinct, its development and appearances; conversion, mysticism, spirituality.

(Courses 39 and 33 will be given in alternate years. Course 33 will not be given in 1921-22).

40f. **Plato** (three credits) M. W. F. 11:30.

Source study, lectures and a thesis. Philosophy 34 a pre-requisite. (formerly 37).

41w. **Kant** (three credits) M. W. F. 11:30.

Philosophy 34 a pre-requisite.

42s. **Recent Philosophy** (three credits) T. Th. S. 8:00.

Special interest in this course centers in the philosophy of James, of Eucken and Bergson, Readings, lectures and papers. Philosophy 34 a pre-requisite.

44s. **Advanced Psychology** (three credits) T. Th. S. 11:30.

Attention, feelings, emotions and the will.

**DEPARTMENT OF POLITICAL AND SOCIAL
SCIENCES.**

**Professor Lord
Professor Gettys**

Political Science

- 11fw. **Introduction to Political Science** (Six credits)
T. Th. S. 10:30.

This course includes a general survey of the underlying principles, method and nature of the Science; followed by a more detailed study of the structure and functions of Governments.

- 12s. **The American Federal Government** (three credits) T. Th. S. 10:30.

An elementary course, as a basis for more advanced work in government. A study of the organization of our national government, the development of the federal Constitution, and the work of the executive, legislative and judicial branches. Pre-requisite: 11.

- 21f. **State Government** (three credits) M. W. F. 9:00.

This course makes a careful study of the structure and workings of state government, with special references to the state of Texas.

Pre-requisite: 11 and 12.

- 22w. **European City Government** (three credits) M. W. F. 9:00.

A careful study of municipal government in England, France and Germany.

Pre-requisite: 11, 12.

- 23s. **American City Government** (three credits) M. W. F. 9:00.

This course considers the historical development of municipal government. Special emphasis is laid upon new forms of government, and recent tendencies are indicated.

Pre-requisite: 11, 12 and 22.

- 31f. **Comparative Government** (three credits) M. W. F. 10:30.

The course aims to acquaint the student with the constitutional organization and practical workings of the governments of England, France, Germany, Italy, United States and Canada.

Pre-requisite: 11 and 12.

- 32w. **International Law** (three credits) M. W. F. 10:30.

The aim of this course is to give a fundamental knowledge of international law, its principles, and its application to current international problems.

Pre-requisite: 11, 12 and 21 or 24.

- 33s. **American Diplomacy** (three credits) M. W. F. 10:30.

A careful study of the principles which have governed American Diplomatic relations with other countries.

Pre-requisite: 11, 12, 21 or 31 and 32, and sufficient history.

41. **Seminar** (three credits) Hour to be arranged.

A study of current topics in the department of political and social sciences. Required of all majors in this department.

SOCIOLGY

- 24fws. **Sociology** (nine credits) T. Th. S. 9:00.

A second section M. W. F. 10:30 will be offered in the number enrolling requires.

Pre-requisite to all courses in Sociology. An introduction to the scientific study of social life, its origin, evolution, and organization. A study of a number of concrete social problems.

No course in Sociology is open to Freshmen.

Pre-requisites: Sophomore standing and History 11, 12, 13, and Biology 11, or their equivalents.

31f. **Problems of City Life** (three credits) M. W. F. 11:30.

A study of problems of Urban communities; the history and growth of urban populations; city planning, the housing problem, and similar problems. Pre-requisite course 24. Text: Pre-requisite 24.

32w. **Problems of Rural Life** (three credits) M. W. F. 11:30.

A study of specific problems which present themselves to rural communities. A comparison of rural with Urban Institutions. Text: Phelan, Readings in Rural Sociology. Pre-requisite: 24.

33s. **Criminology** (three credits) M. W. F. 11:30.

A study of the prevalence, causes, and significance of criminal conduct; criminal responsibility; juvenile delinquency; prison and jail treatment; court procedure; probation and parole. Text: Parmlee, Criminology Lectures and assigned work. Pre-requisite: 24.

34f. **The Family** (three credits) M. W. F. 8:00.

A study of the family as a primary social institution. Lectures and assigned readings. Prerequisite 24.

35w. **Child Welfare** (three credits) M. W. F. 8:00.

The child will be studied in its relation to the problems of health, play, education, labor, defectiveness, delinquency, and dependency. Text: Mangold, Problems of Child Welfare. Pre-requisite 24.

40. **Principles of Sociology** (nine credits).

A critical study of sociological theory. (Not given in 1921-22.)

ECONOMICS.

21. **Economics** (nine credits), T., Th., S. 11:30.

An introduction to the general principles of Economics. Prerequisite to all courses in this department. Open to those who have Sophomore standing. Lectures and assigned work.

A second section will be offered, if required; at the same hour.

- 32w. **Economic History of the United States**, (three credits), T., Th., S. 9:00.

Influence of economic factors in the development of the United States. Text, assigned work and Lectures.

- 31f. **The Development of Modern Industry** (three credits). T. T. S. 9:00.

This course makes a study of the chief stages of growth of industry during the last three hundred years. It offers a basis for a clear understanding of the economic history of the United States.

- 33s. **Labor Problems**, (three credits), T., Th., S. 9:00

A critical study of Labor problems and the various means of improving them. Text, and assigned work.

- 40f. **Money, Credit, and Banking**, (three credits), M., W., F. 9:00.

Text, and Lectures.

- 45s. **Business Organization** (three credits).

The purpose and methods followed in the organization and management of partnerships; joint stock companies, business corporations, etc. Pre-requisite 21.

Text: Haney, Business Organization and combination.

PHYSICAL TRAINING

W. L. Driver, Director of Physical Training and Athletics.

Director of Gymnasium for men: to be chosen

Director of Gymnasium for women. to be chosen

It has been the ideal of the University that every student should be required to include in his program, physical exercise, for the sake of keeping up his health, and such physical instruction as would enable him to exercise proper care of his body at all times. The rule to this effect has been difficult of enforcement heretofore on account of the lack of gymnasium facilities.

With the completion in 1921, of the new \$160,000 Gymnasium the work of Physical Training will oc-

cupy a new place in the College life . No less effort will be made to foster wholesome intercollegiate athletics, but a much greater endeavor will be put forth to make proper well-balanced training reach the last man and woman on the campus . It is expected that the attractiveness of the beautiful Gymnasium and Swimming Pool will make this aim easy of accomplishment.

The following are required :

1. A physical examination will be required of every student, at the opening of the fall term, or at the time of his entering the University. This will be in charge of the Medical Director, and will serve as a basis of advice both for the students' health, and the character of his Physical Training.

"Day Students" on request of parents may be excused from the examination, by the Dean.

2. Each student must enroll for a regular class in Physical Training, and must report to this in the Gymnasium just as to any class. Membership on some Athletic squad may be substituted for this class, on consent of the Director, so long as the student is faithful to his duties on the squad.

This rule applies to girls as well as boys.

Physical Training will be required of every Freshman and Sophomore, optional with Juniors and Seniors; but two years credit in Physical Training will be required for graduation, in any case.

Exemptions from this requirement may be granted in rare cases by the Dean of the University on account of age, or ill health; the latter only on the basis of advice from the College Physician. Day Students who are carrying only one or two courses may also be considered for exemption, on application.

Students who are not enrolled in some class will not be given the privileges of the Gymnasium.

No credit toward the 180 for a degree is given for Physical Training.

DEPARTMENT OF PUBLIC SPEAKING

Miss Todhunter

All phases of public speech, both practical and artistic are covered in the School of Fine Arts, much of it by private lessons. A three years course leading to a Diploma in the Spoken Word is there offered.

The course listed below, given in classes count on the Bachelor's degree. They are designed to train men to become effective in public address, especially those preparing for the professions of law and ministry.

Each class will meet for lecture and recitation one hour a week, and usually an additional hour for practice and drill under the direction of the instructor or an assistant. Individual practice one hour is required. By extending the work through three years the student will have time to assimilate the principles and to master the art of speech, which can not be done in one year.

11. **Principles of Speech** (three credits), Sec. I. M. 10:30; Sec. II. Th. 10:30.

Proper functioning of voice and body; theory and practice for public and private address; effective speech in the activities of every day life.

21. **Public Address** (three credits) M. 9:00.

Criticism and analysis of speeches; practice in reading of prose and poetry, thereby making it a contributing factor in effective speech making.

31. **Orations** (three credits) Th. 9:00.

The phrasing of propositions; nature and kinds of evidence, persuasion and practice in addressing audiences. Orations on current themes must be written and produced throughout the term.

22. **Debating** (three credits).

Arrangement and structure of debates, skill in marshalling material and effectiveness in presentation. Argumentative addresses: team and individual competition.

23. **Parliamentary Law** (three credits).

Parliamentary law and practice in conducting a public assembly; daily drill in conversing with an audience for the purpose of informing, convincing or moving to action.

THE BRITE COLLEGE OF THE BIBLE

BOARD OF TRUSTEES

(Terms Expire July 1 of Year Named).

Dr. Bacon Saunders, President, Fort Worth.....	1922
James Harrison, Treasurer.....	1922
John W. Kerns, Waco.....	1922
Eugene H. Holmes, Cisco.....	1923
Van Zandt Jarvis, Fort Worth.....	1923
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L. D. Anderson, Secretary, Fort Worth.....	1924
L. C. Brite, Vice-President, Marfa.....	1924
A. C. Parker, Dallas.....	1924

FACULTY

EDWARD McSHANE WAITS, A. B., President of the
University, and of the College.

CLINTON LOCKHART, A. M., PH. D., LL. D.,
Professor of Greek and Hebrew, and Old Testament.

COLBY D. HALL, A. M.,
Dean and Professor of Social Service.

CHALMERS McPHERSON,
Professor of New Testament Christianity.

F. E. BILLINGTON, A. M.,
Professor of Religious Education.

Special instruction provided by other Departments of the
University:

LAWRENCE D. ANDREWS,
Instructor in Sight Singing.

ELLIOTT TODHUNTER, A. B.,
Instructor in Public Speaking.

RELATION TO THE UNIVERSITY

The Brite College of the Bible, founded by the generosity of L. C. Brite in 1914, having separate charter, trustees and property 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 Catalogue, along with those of the University as a whole.

GENERAL REGULATIONS

All regulations as to conduct, classification, grade, etc., of the University are in force in this College. All changes in work must be reported to the Dean for approval.

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 class attendance, grades, chapel attendance, work in Ministerial Association and such general duties, will also be sufficient grounds for withdrawing the privileges of this College, even though it may not involve suspension from the University.

THE SCOPE OF WORK OFFERED.

The original purpose of the College is to train men and women who will devote their lives to the preaching or teaching of the Gospel of Christ, as a vocation; and this will continue as its primary field.

But many things have transpired to demand other lines of service in the modern church than that of the usual preaching, pastoral and missionary teaching. From the larger city church, and even from the smaller town churches are coming more and more calls for workers in the special lines, as Assistants to the pastor, Church Visitors, Secretaries, Directors of Religious Education, Boys' and Girls' Specialists, Musical Directors, and so forth.

Workers for these positions must be trained. The Brite College of the Bible has been training such workers, in small numbers for several years. These have already made worthy contribution to the development of this field of service.

Facilities, and courses for preparing these special workers have been increased, and it is the purpose of the College to meet this growing demand by growing facilities.

With these demands in mind the following courses have been outlined some of which may be adapted to meet the requirement for any church position.

- I. The B. D. Course.
- II. The Missionary Course.
- III. The Religious Education Director Course.
- IV. The Church Secretary Course.
- V. The English Bible Course.

I. THE BACHELOR OF DIVINITY COURSE.

This is the course for full ministerial preparation. One who plans to become a pastor or evangelist or to do any line of regular ministerial work should not think of taking less than this course, leading to the degree of **Bachelor of Divinity**.

Requirements for completing this course are:

1. **The Degree of Bachelor of Arts.** In order to have the trained thinking and broad culture of this degree to apply to the Bible studies, this should be taken first. However, 36 Bible credits will apply on A. B. degree and may be recounted to the B. D. Only 9 credits of Bible work taken in the Freshman year,

and 9 in the Sophomore year will apply on the B. D. credits.

2. 135 credits of College of the Bible work, as specified below in column 3 of the Tabulated courses. Some substitutions will be allowed by the Faculty in order to permit specializing in chosen fields.

3. Thirty-six Bible College credits are allowed to count on the A. B., and to recount on the B. D. degree. This enables the student to complete both courses in six years.

4. If Hebrew is used to satisfy a "foreign language" or a "minor" requirement toward the A. B., it is considered a College of Arts subject, and may be taken in addition to the 36 recounted; in this case it does not count in the number for B. D., but will satisfy the requirements for Hebrew.

II. THE MISSIONARY COURSE.

The College has several missionaries on the foreign field, and students in training now to provide practically some student entering the field each year continuously. The enthusiasm for missions is high.

This College does not undertake to offer the technical courses in the science of Foreign Missions, and native languages (except French, German and Spanish), but expects its students to spend a year at the College of Missions, Indianapolis (or other approved school) before going to the field. For this reason, a course is arranged one year shorter than the B. D. course. It includes the A. B. degree and two years of Bible College work. By recounting the 36 credits as allowed, it can be completed one year after the A. B. degree. Those who complete the requirements will receive a diploma.

The Bible studies required for it are specified in the tabulated list below, column 4.

Those who prepare for medical missions will include in the A. B. course as much Bible work as possible, under the advice of the Faculty, and will pass

immediately into the Medical College. The length of this preparation does not usually permit of an extra year of Bible work.

III. THE RELIGIOUS EDUCATION DIRECTOR COURSE.

Directing a modern Bible School has become the task for an expert. Education in the church is far more than a School of a single session on Sunday. The program of Religious Education as it needs to be put on by the church is a part of the fundamental education of a nation. The leader in this task is on a level with the Superintendents of Public Schools and with the pastors. His training must be on a par with theirs.

With the Department of Religious Education occupying a full time Professor, supported by the various co-ordinate lines of preparation, the Brite College is equipped to give the very highest grade of preparation for this professional field.

The course requires:

1. **The B. A. Degree**, which must include 27 credits in the Department of Education, 9 credits in Sociology, and 36 in Bible. It would be well to major in Sociology and minor in Education.

2. **96 credits** in the College of the Bible, (36 of which may be those recounted from the A. B. degree) as specified in column 6 of the Tabulated list below. Some of these courses involve practice work in Bible Schools of the city.

3. **A thesis** written under the direction of the Professor of Religious Education, which must be submitted for approval two months, and for final acceptance one month prior to graduation.

Upon fulfilling these conditions the candidate will receive a **Diploma in Religious Education**.

IV. THE CHURCH SECRETARY COURSE.

There is a large place for the woman in the full time service of the church. A trained Church Visitor, a trained church Secretary, a Pastor's assistant, are

invaluable to the pastor and will multiply the usefulness of any church.

Those who have the time and elementary education sufficient, are urged to take the Religious Education Director Course, in preparation for these positions. Some cannot do this. Hence the shorter, two years course is arranged for them. The requirements are:

1. In the College of Arts and Sciences, Education, 6 credits; English 11, 9 credits, Sociology 9, total 24.

2. In the College of the Bible 72 credits as specified in column 7 in the Tabulated list below. This will include courses in Religious Education, involving practice work in the churches.

3. In addition to the 96 credits, the student will be required to be efficient in typewriting and shorthand. This work may be offered by the College to the student who has not had it already. Also, the student will be required to show or else acquire proficiency in spelling, English composition and writing, such as would be required in a secretarial position.

4. Since this course does not require Collège entrance standing, only persons of some maturity will be admitted to it; and no degree will be given for it. A certificate will be issued to all who complete the course, and they will be recommended for church positions.

V. THE ENGLISH COURSE.

There will always be men whose age and lack of early education prevent them from undertaking a full course of ministerial training, yet who are capable of valuable service in the ministry. For this class the English course is designed. Its requirements have been determined, out of experience, to afford the student the most practical preparation at the minimum of time and expense.

This must not be used as a substitute for the longer course, when a student has opportunity to take the latter. Any student who in the judgment of the Faculty should take the B. D. course may be denied the privilege of enrolling for the English course.

The course, including some English and History from the College of Arts and Sciences, covers three years of work. Those who complete it will be granted an English Ministerial Diploma.

The requirements are:

It is strongly urged that the High School studies be first completed, but only 7 units will be actually required. These must include: English 3, History 2.

Of work in the College of Arts and Sciences, English 11 (9 credits); English 24 (6 credits); and any College History (9 credits); Philosophy 21, 22, 23 (9 credits); and Sociology (6 credits); total of 39 credits.

Of work in the College of the Bible, 96 credits as specified in the tabulated list below, column 5. This makes a total of 135 credits.

VISITORS

Others than the above who are mature, may enroll as Visitors, with the privilege of attending class, without examination or credit, and without the privilege of class in other Colleges of the University. For this a small Visitors Fee will be charged.

STUDENTS WITHOUT HIGH SCHOOL PREPARATION

For all students except those mature ones in the English Bible and the Church Secretary Courses, the completion of High School work is required for entrance. It is strongly urged that this be completed in the home schools, before coming to the Bible College.

It is recognized, however, that this is not always possible. This is true especially in the cases of those who decide to enter Christian Service after they have become mature.

The Brite College of the Bible has provided for students in these circumstances. Indeed, its aim is to see that any person who has consecrated his life to full time service of Christ, will find here a place to train for that service.

Texas Christian University conducts no preparatory Department, but the Bible College provides a

tutoring system by which these ministerial students may receive any of the required High School work, whether it is needed for College entrance or for the English Bible course.

This system is very much better than an ordinary Academy or High School. Its classes are small, and composed entirely of mature persons, who are serious and eager and only ministerial students are admitted. They can therefore make more rapid progress than the average younger person. Moreover, the instructors are themselves ministerial students of advanced standing, and interested in the welfare and work of their pupils.

No consecrated student need turn away from service in the Kingdom, for lack of training.

THE TABULATED COURSES.

For convenience, the list of classes offered in this College are tabulated with abbreviated title, showing what are required for each of the courses described above.

Column I indicated the rank of the course as well as its catalogue number. All courses marked between 11 and 19 are first year courses; the 20's are second year, the 30's are third year, and the 40's are fourth year courses. Electives have figures in parenthesis.

The figures following each branch indicate its value in terms of credits. A credit is one hour's recitation per week for one term, i. e., a class reciting three times a week for one term is worth three credits, for three terms is worth nine credits, etc.

Column III lists the studies required for the B. D. course; Column IV. for the Missionary, Column V for the Religious Education, and Column VI for the Church Secretary, Column VII English Bible.

Courses 34, 35, 25, 36, 16 below are not eligible to be counted toward an A. B. degree, because they belong more fully to the technical work of the ministry. All other courses are eligible for the A. B., to a maximum of 36.

**THE BIBLE
IN ENGLISH
HISTORY AND LITERATURE**

Col. I. No.	Col. II. Name	Col. III. B. D.	Col. IV. Mission.	Col. V. Rel. Educ.	Col. VI. Ch. Sec	Col. VII. English
23	O. T. History.....	9	9	9	9	9
31	Mes. Proph.	6	6			6
32	O. T. Lit. (6).....					
33	Monuments (3)					
24	Gospels	9	9	9	9	9
11	Acts	6	6	6	6	6

EXEGESIS AND DOCTRINE

34	Hermeneutics	3	3	3		3
35	Exegesis (Epis.)	6	6	6		6
25	Doctrine and P.	9	9	9		9

CRITICISM

43	O. T. Introd.	(3)				
42	N. T. Introd.	3				

IN HEBREW AND GREEK

Col. III.

39	Hebrew I	9				
48	Hebrew II	9				
49	Hebrew Adv.	(6)				
36	N. T. Greek	9				
41	Greek Exeg.	9				
47	H. Greek	(6)				

**THE CHURCH
IN HISTORY**

44	Church Hist.	9	9	3	3	9
26	Missions Hist.	3	3	3	3	3
12	Apostolic Hist.	3	3	3	3	3
47	Missions Mod.	3	3	3	3	3

IN PRACTICE

36	Church Music	3	3	3	3	
	Homiletics and Pastoral Duties.	6	6	3	3	6
	Rel. Educ. Dept.	9	12	27	21	6
45	Social Chr.	3	3	3	3	3
46	Social Service	3	3	3	3	3
16	Pulpit Speak.	3	3	3		3
38	Comp. Rel. (4)					
33	Psych. Rel. (6)					

Total	132	96	96	69	87
Electives	3			3	12
Arts College	144	144	144	24	36
	279	240	240	96	135

COURSES OF INSTRUCTION (In Detail)**Department I. The Bible in English.**

23. **Old Testament History** (nine credits), T. Th. S. 9:00.

Text: American Standard version of the Old Testament, with library references, and lectures. (1920 and before 13). Mr. Billington.

- 31sum. **Old Testament (Messianic) Prophecy** (six credits).

Only in the summer term, Dr. Lockhart.

- 32fw. **Literature of the Old Testament** (six credits). T. Th. S. 12:30.

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

- 33s: **Monuments and the Bible** (three credits) T. Th. S. 12:30.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments as recently discovered and translated with their bearings on the Bible.

Dr. Lockhart.

24. **The Gospels** (nine credits). M. W. F. 1:30.

The facts of the Gospels, Jesus in the light of His own day and His teaching for His own and the present times. A Harmony of the Gospels, lectures, assigned readings.

- 11gw. **Acts of the Apostles** (six credits) T. Th. S. 10:30.

A careful study of the book "Acts of Apostles" with origin and work of Christian Church.

Mr. McPherson.

- 12s. **Later Apostolic History** (three credits) T. Th. S. 10:30.

History of the Work of the Apostles following Paul's arrival in Rome as gleaned from The Epistles and other sources. Mr. McPherson.

34f. **Hermeneutics** (three credits) T. Th. S. 1:30.
 The fundamental principles of interpretation, with practice in the use of Scripture passages; using as text book Lockhart's "Principles of Interpretation."
 Dr. Lockhart.

35ws. **Exegesis of Epistles** (six credits) M. W. F. 1:30.

The New Testament Epistles studied on the basis of the principles of interpretation. Different Epistles will be selected in different years.

Mr. McPherson.

25. **Doctrine and Practices of the New Testament Church** (nine credits). M. W. F. 10:30.

A careful study of the New Testament, presenting fundamental teachings and practices of the primitive church, including the Covenants; the Divinity of Jesus; the Creed of Christianity; the Church; the Kingdom; Christian Faith; Repentance; the Confession of the Christ; Christian Baptism; Christian Stewardship in Property; Prayer; the Lord's Supper; the Lord's Day; the Holy Spirit; Christian Unity; Mission Work; Benevolences; the Resurrection; the Judgment and Eternal Life.

Mr. McPherson.

40. **Christian Doctrine** (six credits). T. Th. 9:00.

An advanced course in Doctrine, designed only for students who have had much of the Bible in other courses, preferably those who read Hebrew and Greek. Prerequisites, Course 35. Dr. Lockhart.

42s. **New Testament Introduction** (three credits).

A brief course, including a history of the Greek text and canon of the New Testament, including the integrity and genuineness of the books.

Dr. Lockhart.

43w. **Old Testament Introduction** (three credits).

A course similar to 42. Dr. Lockhart.

BIBLE LECTURE COURSE.

A lecture course, free to all persons, will be offered by Chalmers McPherson. These will be given once a week through several months. The topics will be:

1. How we got our Bible—tracing its history from its beginnings, through the manuscripts, translation and oppositions, to the present time.

2. A Few Bible Writers and Characters.

3. A Few Bible Opposers and Bible Defenders through the centuries.

The hour for lectures to be announced.

DEPARTMENT II. The Bible in Hebrew and Greek

39. **Hebrew I. Beginning Hebrew** (nine credits)..

T. Th. S. 8:00.

A mastery of the first eight chapters of Genesis, using Harper's text-books. Reading from later chapters of Genesis and I. Samuel. Grammar and vocabulary of the most frequent words in the Old Testament.

Offered in 1920-21 and alternate years. Dr. Lockhart.

48. **Hebrew II. Readings and Syntax** (nine credits)

Extensive readings in the historic and poetic books of the Old Testament, with Hebrew Syntax. One term of careful exegetical study of the Hebrew text. Dr. Lockhart.

Offered in 1921-22 and alternate years.

49. **Hebrew III. Exegesis in the Prophets** (six credits).

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with textual criticisms. Dr. Lockhart.

36. **New Testament Greek** (nine credits). M. W. F. 10:30.

A course preliminary to Greek Exegesis, including linguistic peculiarities, New Testament grammar and readings from the Septuagint and the Greek New Testament. Westcott and Hort's Greek Testament, Conybeare and Stock's selections from LXIX, and Burton's Moods and Tenses, with reference to Buttman and Winer. Prerequisites, two years in Classical Greek. Dr. Lockhart.

41. **Greek Exegesis** (nine credits). T. Th. S. 10:30.
Rapid translation and interpretation of Paul's Epistles, followed by a special study in Romans, analysis, word study, translations, and moods. Must be preceded by Course 36. Offered in 1920-1921 and alternate years in three courses of three credits each. Dr. Lockhart.

47. **Hellenistic Greek** (six credits).

Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other Hellenic Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand. In three courses, two credits each. Dr. Lockhart.

DEPARTMENT III. The Church: In History

44. **Church History** (nine credits). T. T. S. 11:30.

Beginning with the close of New Testament history and including the ancient and medieval periods, and those of the Reformation and the movement for the Restoration of Primitive Christianity (six credits in College of Arts). Mr. McPherson.

47f. **The History of Expansion of Christianity** (three credits). T. Th. S. 10:30.

The expansion of the church in the earliest times and in the last century, as a basis for the study of the problems and fields of modern missions. Mr. Hall.

DEPARTMENT IV. The Church: in Its Activities.

36. **Homiletics, Sermon Building and Pastoral Duties** (six credits). T. T. S. 9:00.

The principles of sermon construction will be studied with the use of text-book and lectures; sermons will be prepared and discussed in the classroom; instruction will be given in such departments of service as Administration of the Ordinance of Christian Baptism; presiding at The Lord's Table; Ordination; Dedications; Marriages; Funerals; the Bible School; the Prayer Meeting; also the preacher in the homes of the people, in his own home, in his study, on the street, etc. Mr. McPherson.

- 45w. **Social Christianity** (three credits). T. T. S. 10:30.

A study of the social principles taught in the Bible, especially of Jesus, with a survey of the attitudes of the church toward these in succeeding periods. The purpose is not to lay out a set program for the preacher but to acquaint him with the social application of the Gospel, and to inspire him with a vision of its power, as applied to the life of the world. Mr. Hall.

- 46s. **Social Service** (three credits). T. T. S. 10:30.

A continuation of the course in Social Christianity, applying the principles to specific lines of service. The aim is to furnish the preacher with a practical knowledge, and a start in the application of the Gospel to modern social conditions, so that he may be able to work out for himself such problems as the Country Church, the Immigrant, the Liquor Problem, Charity and Correction, Recreation, etc. Special attention is given to the rural church, in view of its prominence in this Southwestern field. Mr. Hall.

- 48s. **Modern Missions** (three credits).

Following course 47f. this begins with Wm. Carey and studies the great characters of the Modern Missionary Movement, the fields as occupied, their present status and problems. Mr. Billington.

DEPARTMENT OF RELIGIOUS EDUCATION.

11. **Training Course for Religious Workers** (nine credits) M. W. F. 10:30.

These studies are based upon the "New Standard Teacher's Training Course." Those completing this course will be entitled to receive the International Teacher Training Diploma. The course will be open to all persons of suitable age and training who wish to prepare as teachers and officers in the church school.

This course will also serve as the basis of Group Extension or Correspondence classes. Mr. Billington.

31f. The Psychology of Religious Development (three credits) T. Th. S. 8:00.

A study of the laws and principles underlying the religious training of childhood and youth. Open to students who have completed Rel. Ed. 11 or Phil. 21, and to others who by reason of experience or special preparation may be recommended by the Dean, and the Professor. Mr. Billington.

32w. How to Teach Religion (three credits) T. Th. S. 8:00.

An application of the laws of teaching to the work of Religious Education. Open to students who have completed Rel. Ed. 31f. or its equivalent. Mr. Billington.

33s. The Organization and Administration of Religious Education (three credits) T. Th. S. 8:00.

This course seeks to establish a scientific program of religious education for the church. The vital problems of the church will be studied practically. The course is of especial value to superintendents, educational directors and ministers, and will be open to students who have completed 21f. and 22w., or their equivalent. Mr. Billington.

22w. The Use of the Story in Religious Education (three credits) T. Th. S. 10:30.

A course emphasizing the value of the story in teaching religion. Students will study how to tell, produce, dramatize and classify stories for all kinds of religious work. The Bible stories will receive special attention. Practice work will be required. Open to students who have completed Rel. Ed. 11 or who are otherwise qualified. Mr. Billington.

Not offered in 1921-22.

23s. **Worship and Music in Religious Education** (three credits) T. Th. S. 11:30.

A study of the history and interpretation of Hymns and their use in the service and worship. Entrance requirements the same as for 21fw. Mr. Billington. Not offered in 1921-22.

21f. **The History of Religious Education** (three credits).

This course will include a somewhat detailed study of the origin and development of the Church School (Sunday School) and of the movements and organizations associated therewith. Research work will be encouraged in this important phase of religious education. Mr. Billington. Not offered in 1921-22.

SPECIAL COURSES

1. **Public Speaking.**

For training the minister to deliver his thoughts in clear, natural, effective speech. To correct mannerisms, colloquialisms and personal errors.

Ministerial students will enroll in the Public Speaking classes of the College of Arts and Sciences. See that Department for details of courses.

2. **Sight Singing.**

This is an optional course, but will be urged upon every student who has any capacity for music. Its purpose is not to give voice training for those who would become vocal experts; that work is covered by the College of Fine Arts, and is available to the students of this College at all times, at the regular tuition rates.

This course, free of tuition, is to train the student to become practical in directing the music in regular and special church services. This will include sight singing. Every minister should know the rudiments of this; those who wish to specialize in it may take an extra amount of work.

3. **Lecture Course: Purposes and Ideals of the Ministry.**

Required of all first year ministerial and missionary students, as a means of introducing them to the general field of Christian service, and to assist them in fitting themselves into the preparation for their life work. It is open to any others, does not require much preparation, and yields no credit.

The Course is in charge of Mr. McPherson, but other teachers will give some of the lectures. fw. T. 1:30.

4. **Secretarial Technic.**

For those preparing to do church Secretarial work provision will be made for instruction in Typewriting, Shorthand, record keeping, etc. These courses will not count for credit except as entrance credits. Practice and observation work in the city churches will greatly increase the value of the worker.

SHORT SUMMER TERM

In order to extend the advantages of the Bible College to those who cannot become resident students, a Special Short Term of two or three weeks will be offered following the spring term.

The work will consist of the regular courses of the College, adapted to the shorter time and the character of the students. Credit toward graduation will be allowed to those who desire it.

In addition to the regular courses, there will be special series of Lectures given by chosen specialists of national reputation who will be secured for this purpose.

Arrangements will be made for room and board in the Dormitories, at cost rates. A small fee for Registration will be charged. Classes will be so arranged that those who live nearby may go home the two Sundays for their church work. Those who remain will find special arrangements made for them at the large churches in Fort Worth, so as to make their Sundays valuable in training.

Those who will be specially helped by this Short Term Course are. (1) Pastors whose press of work makes it difficult to keep up regular study, and who may thus be spurred and aided in the discipline of school work again; (2) Pastors who have been out of College only a short while or who had less schooling than desired and who wish to increase this training without losing time from work; (3) Church workers, superintendents, teachers, leaders, and all who wish more definite Bible school instruction and can spare only a short time for it.

It is to be observed that a variety of courses will be offered, so that each may choose the subject in which he is interested, without taking all.

A complete "School of Methods" is included in this term under the supervision of S. W. Hutton, Southwestern Bible School Superintendent. Certificates are given for completion of the course.

LECTURES AND CONFERENCES.

In addition to the regular course of study, many lectures and conferences are conducted by men of ability and distinction, free and open to the whole University.

THE LIBRARY

Besides the privilege of the Main Library of the University, the student will have access to the Library of the Brite College of the Bible, on the main floor of the Brite Hall. Besides books purchased by the school, the library contains excellent collections of the following deceased ministers in Texas, given by their widows: J. J. Cramer, W. A. Boggess, G. A. Lewellyn, J. B. Sweeney. A donation by Dr. Bacon Saunders of Fort Worth is also added, also Mr. Harris by his widow.

PREACHING EMPLOYMENT

Students are encouraged to preach for the nearby churches as soon as they are advanced far enough to render full value to the churches for the income re-

ceived. In order to be fair to the churches and avoid abuse of the student-preacher work, all appointments are required to be made through the Committee consisting of the Dean, J. B. Holmes, Superintendent of Texas Missions, and three students.

No student below Sophomore standing will be permitted to make regular appointments to preach, except in cases of unusual maturity and experience. A competent speaker will rarely fail to find employment.

STUDENT AID

"Any boy who desires to preach and is willing to work, can make his way through Brite College of the Bible." This is the motto of Self Help, which our facilities have enabled us to adopt during the last few years. No student has been turned away for lack of work to make expenses.

This policy is made possible by four lines of aid: First, **Low Expenses**. The rooms and board in Goode Hall are furnished at the actual cost of maintenance, thus reducing the cost of living to the minimum. Second, **Free Tuition**. Under certain restrictions, as explained below. Third, **Employment**. Those who are not ready to preach are given work according to their skill and training, paid by the hour. A student without others to support than himself can earn enough in this way out of school hours to cover his expenses. Married students can do it with more difficulty. In any event, the more cash a student can bring with him, the less this work will take away from his study time. It is recommended that a new student bring at least \$50.00. Fourth, **Loan Fund**. See below.

All aid given to a student is planned so as to enable him to retain his own spirit and habits of self-reliance and to teach him how to manage, yet to make it possible for him to earn enough to pay expenses.

PRIZES TO BIBLE STUDENTS.

Certain of our friends have offered cash for a Prize Fund to be given to the twelve or fourteen students in Chalmers McPherson's Bible classes who make the highest grades. These gifts for the year 1920-1921

total \$425.00. For the past four years these offers have been made and will be, doubtless, for the next year. The givers for 1920-1921 are V. O. Hildreath of Aledo, A. D. Milroy of Brenham, T. S. Reed, Sr., of Beaumont, A. C. Parker of Dallas, Millard Patterson of El Paso, L. C. Brite of Marfa, Mrs. Emma Bishop of Plano, Major K. M. Van Zandt, Dr. Bacon Saunders and Brown Harwood, these three of Fort Worth.

In addition to these, Brother A. D. Milroy of Brenham gave \$240.00 which is six per cent on \$4,000.00 to be given by Brother and Sister Milroy for the Endowment of a Memorial Scholarship to be known as the Erle Milroy Fund, in memory of their son, and to be used in the aid of ministerial students.

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.

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 any one making request at the office of the College.

THE POLICY AS TO FREE TUITION

Tuition for classes in the College of the Bible is free. The Classical Course requires much, and the English Course requires some study in the College of Arts and Sciences. It is the desire of the University that bona fide ministerial students secure this tuition free also.

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 gen-

uine candidates for the ministry, and who have the capacity and the industry to prove worthy investments.

In order to be true to this obligation, to its supporters, and to the genuine students, the University will hereafter grant free tuition in the College of the Arts only on the plan of "Tuition Credits," as explained below.

TUITION CREDITS

1. A new student may apply for a Tuition Credit amounting to half the tuition in the College of Arts.

2. After a term's residence, a student may apply for a Tuition Credit amounting to the full tuition.

3. In applying, the student must (1) present a recommendation from his home congregation endorsing him as a Christian and as a candidate for the ministry; (2) sign a declaration of purpose to devote his life to the ministry or missions in some form, as a life vocation, and to repay the amount in case his life is not given to this work; (3) enroll for a regular course in the College of the Bible and follow it as outlined, with sincere purpose of completing.

4. In order to receive a Tuition Credit at the beginning of a new term the student's previous record must show creditable grades, faithful application, 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 extravagancies, will be ineligible to receive any financial aid from the University.

SUMMARY OF EXPENSES

EXPLANATIONS

General Fee is paid by every student, and entitles him to the use of the Library, membership in Oratorical Association.

Medical Fee is payable by every dormitory student, and entitles him to the regular care of the University

Physician, as well as the trained nurse, and all common medicines, but not operations. This fee is a great safety and economy.

Board is provided by a student Boarding Club conducted by the students at cost. During the high prices of the past year the rate was \$5.00 a week. It is expected to be \$4.50 next session.

Rooms are provided in **Goode Hall**, at a rate which barely covers actual cost of current up-keep. The building is thoroughly modern with delightful conveniences. Two students in a room is expected and is used as a basis of rates. It is a delightful **Home** devoted mainly to ministerial students.

Rates For	Fall	Winter	Spring
General Fee	\$ 6.50	\$ 5.50	\$5.50
Medical Fee	5.00	5.00	5.00
Room Rent Goode Hall.....	15.00	12.00	12.00
(50% extra when occupying a room alone)			
Board, estimated	65.00	50.00	50.00
Tuition, usually covered by Tuition Credits.			
Visitors Fee, one class.....	5.00	3.00	3.00
More than one	9.00	5.00	5.00

ESTIMATED COST FOR THE 9 MONTHS SESSION.

	Low	Medium	High
General Fees	\$ 17.50	\$ 17.50	\$ 17.50
Medical Fee	15.00	15.00	15.00
Room Rent	39.00	39.00	58.00
Board	140.00	155.00	175.00
Tuition.....			23.00
Books	10.00	15.00	25.00
Laundry	10.00	20.00	30.00
Gymnasium fee		16.00	16.00
	<u>\$231.50</u>	<u>\$272.50</u>	<u>\$359.50</u>

Married students without children may live in Goode Hall, at regular rates. With children it is better to secure a private home in the neighborhood. This can be done at the average cost in most cities.

THE COLLEGE OF FINE ARTS

EDWARD McSHANE WAITS, A. B.

President of the University.

CARROLL C. McKEE, A. B., M. Mus.

Dean of the School of Fine Arts.

Professor of Piano.

DURA BROKAW COCKRELL, A. B., A. M.

Principal of Department of Painting and Drawing.

ANTOINETTE VON EGGERS DOERING,

Professor of Piano.

BERTHA ANN COOPER,

Professor of Voice, and Public School Music.

RALPH R. UNIACKE,

Professor of Violin, Director of Orchestra.

LAWRENCE D. ANDREWS,

Professor of Piano and Theory.

ELLIOTT TODHUNTER, A. B.

Professor of the Spoken Work.

THEODORE ROSENTHAL,

Instructor in Wind Instruments.

LUCILE DURRETT,

Instructor in Piano.

MRS. W. B. OWEN,

Instructor in China Painting.

Instructor in Voice.

ANNA WAPLE WHITLOCK,

Instructor in the Dunning System.

ERSKINE LONG,

Instructor in the Spoken Word.

WILL HILL ACKER,

Director of Band.

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 turn a spirit of thoroughness and breadth which is often sadly lacking in musical education.

The student who takes music, or art, or expression thus in connection with a University gains more than just 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 instructors.

It is possible also in the University atmosphere, for the student to require of herself 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 also.

The courses leading to Diplomas require a goodly portion of literary work, for this helps to counteract the one sidedness of the musical training so commonly noted.

The aim, therefore, is to send out graduates who are not only artistic, but who possess a real cultural education.

Entrance Requirements.

Any person may enroll in any class in the School for which he can show preparation and ability to carry on the work assigned.

Those who meet the Entrance Requirements and follow a course leading to a Certificate or Diploma, are **Regular Students**, others are **Special Students**. A Special Student may not change to regular, without bringing up all the requirements.

Entrance Requirements for the regular courses are, 15 units of High School work approved by affiliation or examination, and these must include 3 units in English, 2 in History, 2 in Mathematics. It is strongly urged that they should include 2 in Foreign Language and 1 in Physics.

A student may be admitted as conditioned, by presenting 13 units, and may make the other two by doing college work and count it as entrance units.

Registering. Each student will be examined by the Dean of the School of Fine Arts, and on the basis of this, assigned to the proper grade of work and instructor.

Attendance. Each pupil is due to enter the class for which he enrolls, beginning the first day of the term. Absences of the student may not be made up, and will count against the grade. Lessons missed by the teachers will be made up.

Amount of Work. Students are under the same regulations in this matter as in other departments of the University. Dormitory students must enroll for a minimum of 14 "hours" per week, nine of which must be in literary or theoretical courses requiring preparation out of class. The maximum of 18 hours may be permitted to students who make an average grade approximately A.

Practice Room Rules.

No student will be allowed to change an hour of practice with any other student without the consent of the monitor. Only by special permission from the teacher or monitor 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 term may use these rooms for practice.

Scholarships.

The Fine Arts Department of Texas Christian University offers a full scholarship in voice to the pupil who shows the most natural ability in voice. This scholarship was awarded last year Miss Beatrix Gibson, of Gainesville, Texas. Miss Gibson also won the scholarship awarded by the Federated Music Clubs of Texas to the Cincinnati Conservatory of Music. Miss Thelma Reagan, of Clovis, New Mexico, won the scholarship this year.

Glee Club.

The Boys' and Girls' Glee Clubs have for many years been a prominent feature of the College life, giving annually a series of concerts in various cities of Texas, besides participating in many local events. This year the Glee Clubs have been especially prominent for the splendid programs prepared and given not only in Fort Worth, but in the various cities throughout the state.

The Girls' Glee Club, under the directorship of Bertha Ann Cooper, had its most successful tour, giving concerts at the following cities: Fort Worth, Waxahachie, Ennis, Corsicana, Waco, Hillsboro and Handley.

The Boys' Glee Club, under the directorship of Dan Baker, gave concerts in the following cities: Gainesville, Sherman, Bonham, Paris, Commerce, Sulphur Springs, Greenville, Italy, Waxahachie and Fort Worth.

Orchestra

The regular school orchestra and band have been among the noteworthy features of the music department during the past year. All students playing orchestra or band instruments have an opportunity to acquire an invaluable experience through the medium of the training offered in this form of ensemble playing.

The orchestra plays a most important part in all school activities, playing for every chapel service and at every important event during the year.

Band.

The University maintains a twenty-piece band under the directorship of Will Hill Acker. Concerts are given each Friday evening on the college campus. The Band also plays for all athletic contests. Membership is open to all students of the University.

Faculty Recitals.

One of the most helpful features of the Fine Arts Department are recitals given by different members of the faculty. Students hear the choicest numbers from classical composers. The recitals are complimentary to the faculty and student body.

Student Recitals

Frequent recitals are given for the students to accustom them to public appearance. At the close of the year a series of individual recitals are given by the advanced students.

Students in the Junior and Senior year will be required to give public recitals to complete their course.

ORGANIZATION.

The School of Fine Arts has three Departments:

1. **Department of Music**, including courses in Piano, Voice, Violin, Wind Instruments and Theory.
2. **The Department of Art** including courses in Painting and Drawing and kindred subjects.
3. **The Department of the Spoken Word.**

Each of these Departments offers a course leading to a **Diploma** of Graduation as described below. No degrees are given.

A Certificate.

Will be issued to a student in evidence of completion of two or three years, as described below.

Normal Training

The Normal Training Course is planned to meet the needs of the following classes: The inexperienced teacher; the private teacher who wishes to acquire new ideas or material, or the pianist who desires to prove his own understanding of music through his ability to impart knowledge.

REQUIREMENTS FOR GRADUATION.

The Diploma Courses.

The student who satisfies the entrance requirements, and completes the courses outlined below will be granted a Diploma of Graduation.

The figures in the last column express the value of each course in terms of "credits." A Credit is estimated the equivalent of a literary class that recites once a week for a term of 12 weeks. 45 credits constitute a regular year's work (9 months).

The courses from the College of Arts and Sciences that are required are included in the table. These are described in that section of the Catalog.

Diploma Course in Music.

1. (Freshman)		3. (Junior)	
	Credits		Credits
Piano, Voice, Violin	3	Piano, Voice, Violin.....	3
*Harmony 1	6	*Counterpoint	6
*Theory	3	*Musical History	9
*Ear Training and Sight		Normal Methods	3
Singing	3	Practice	9
Practice	9	Bible 21	6
Bible	3	Electives (Education	
Modern Language	9	suggested)	9
English 11	9		
	45		45
2. (Sophomore)		Certificate will be granted at the end of third year.	
Piano, Voice, Violin	3	4.	
*Harmony 11	6	Piano, Voice, Violin.....	6
Phil. 21f (Psychology).....	3	*Musical Appreciation	3
Elective (Suggested Eng.		*Analysis	6
24 or Hist. 12, 13).....	6	Practice	12
Practice	9	Senior Recital	9
Modern Language	9	Electives	9
Electives	9		
	45		45

Eighteen of the 33 electives must be chosen from College of Arts and Sciences and must include 12 out of History 12, 13, Eng. 24 and Education. 15 of the 33 electives may be Fine Arts subjects.

*Courses starred are F. A. courses eligible to count toward the A. B. degree, but not more than 30 by one student.

A student completing the above will have from 87 to 102 credits toward the A. B. degree depending on the elective.

Diploma Course in the Spoken Word.

First Year.		Second Year.	
	Credits		Credits
Literary Interpretation		Literary Interpretation	
15 (private)	6	25 (private)	6
*Public Speaking 11	3	*Public Speaking 21	
Eng. 11	9	and 31	6
Bible 15, 21	9	Orations 24 (private)	3
History	9	English 24, 25	9
Elective	9	Phil. 21	3
		Elective	18
	45		45

Third Year.

	Credits
Literary Interpretation 35 (private)	6
Teaching of Physical Training (private)	3
Dramatic Art 34 (private)	3
Story Telling 34	3
English 38 fw 33	9
English 31fw. 42	9
Elective	12
	45

Courses starred are Fine Arts Courses which count in the College of Arts and Sciences.

Fifteen of the 39 elective must be in College of Arts and Science Courses; the following are recommended: A modern language (18 credits) or Education, for those who may teach, or Bible 31 (6 credits) for its literary interpretations of the Bible.

A student completing the above will have from 72 to 96 credits toward the A. B. degree, depending on the electives.

Certificates and Diplomas in Art

An Art Certificate will be given for the completion of the three years' work without the Freshman standing. A teachers' certificate will be given for the completion of the Art Supervisors' Course.

A diploma will be conferred upon a student who has satisfactorily completed the first three years of the course set forth below, who previously had Freshman standing in the University.

A Graduate Diploma will be given on the completion of the Senior Year. This Diploma will entitle the Student to Senior standing in the College of Arts and Sciences with 135 credits, provided the electives are all literary courses.

Freshman Year	Credits	Junior Year	
Drawing and Painting (12 studio hours per week)	3	Drawing and Paint- ing (18 studio hours per week)	6
*Drawing from Cast	6	China Painting or Crafts	6
*China Painting or Crafts	6	*Nature Study	3
Modern Language	9	Tapestry Painting	3
Bible	3	*Mythology	3
History	9	English	9
Elective	9	History of Music	9
	45	Elective	6
			45
Sophomore Year		Senior Year	
Drawing and Painting (18 studio hours per week)	6	Drawing and Paint- ing (18 studio hours per week)	6
China Painting or Crafts	6	*Art History	9
Plastic Art	3	Sketching from Life	3
*Perspective	3	Aesthetics	3
Bible	6	Musical Appreciation	3
Modern Language	9	Philosophy	9
History	6	English	6
Elective	6	Elective	6
	45		45

*Credits that may be counted toward the degree A. B. not to exceed thirty (30) in all.

In equipment the institution is well supplied with practice pianos and the teachers' studios are equipped with grand pianos. In the auditorium a concert grand for recital use.

Dunning System.

Normal Classes for Teachers.

Mrs. Dunning's improved Method of Music Study is the best exposition of the first principles of piano music, adapted to the teaching of children and beginners at any age. Teachers should adopt this course.

BECAUSE:

It is a finished and complete system of Elementary instruction.

It has stood the test of seventeen years use and is more in demand today than ever before.

It teaches fundamental principles in a thorough and delightful way, making practice a pleasure.

The outfit used is durable, and enables even the very young child to grasp and comprehend difficulties with but little mental effort.

Formed into classes the pupils are taught by means of symbols, disks, rhythm sticks, and movable musical characters, eliminating the tedious drudgery of the first years of music by presenting each topic in a manner that appeals to the children's sense of pleasure, while at the same time they are constantly acquiring and developing qualities which would be impossible under the old way of instruction.

It teaches ear-training, sight-reading, transposition, memory work, theory and musical history, along with regular piano lessons.

Its aim is to make musicians out of students, not mere performers of an instrument.

It cultivates individuality and spontaneity.

The work of teaching children is generally considered an elementary matter, but, nowhere is greater skill required, and, above all, a delicate appreciation of the child's nature.

The lessons are adapted to both advanced pupils and beginners.

The Dunning System is endorsed by the world's renowned masters—Leschetizky, Schwarwenka, De Pachmann, Carreno, Gabrilowitsch, Wm. Mason, Gadski, Ziesler, Busoni and others.

Department of Voice

Miss Cooper

.....
Instructor to be appointed

Instruction in this department, while founded upon the Old Italian School of singing and the best modern teaching practice, will be devoted to the development of a natural method for each individual voice. In every grade the most careful attention will be given to those fundamental principles of good singing which will give the student a healthy use of his voice, and insure his future by giving him a thorough understanding of his instrument. These will include the study of Correct Breathing; Resonance; Beauty of Tone; Evenness of Scale; Intonation; Diction; Flexibility; Phrasing; Style and Interpretation.

Students will be graded according to their talents and attainments. Those who possess unusual talents whether studying for amateur honors or for professional career, will be given the opportunity to advance as rapidly as is consistent with thorough preparation of their work and a healthy use of their voice.

The aim of instruction in every grade will be to eliminate the usual grinding of pupils through meaningless exercises, and substitute therefor songs and studies which will promote the development and growth of their musical gifts as well as their voices.

Department of Violin.

Mr. Uniacke

No student may hope to be proficient in violin playing without a thorough understanding of violin technic and the art of bowing. Accuracy of intonation depends upon the ability to finger the strings correctly and with facility. A course in violin technic is offered in this department, which, through diligent study by the pupil, cannot do otherwise than bring the desired results. The course is based chiefly upon the works of O. Sevcik, that eminent master of violin technic.

Tone production is acquired by the bow, and the art of bowing depends upon the knowledge of just what parts of the arm, wrist and hand relaxation is required. A thorough treatment of this subject is offered in this department.

In connection with the technicalities of violin playing, interpretation, phrasing, small musical forms are studied so as to give the student a well rounded musical understanding as well as mere technical skill in violin playing.

Department of Wind Instruments

Mr. Rosenthal

Personal instruction is given in any of the wind instruments. Students have the 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.

Department of Public School Music.

Miss Cooper

The growing demand for trained teachers and supervisors of music for our public schools and the evident need for such a department of University standing are fully met by the course as now offered. Graduates of this course are granted a diploma on the completion of this work.

The requirements are: (A) Two hours class work per week in Public School Methods. (B) Two years voice, and the first two years of regular work in the music department. (C) Two years Piano.

Department of Theory

Mr. McKee, Mr. Andrews, Mr. Uniacke

11. Ear Training and Sight-Singing, (six credits).
Th., S. 9:00.

Rhythmic combinations of tones in key relation, leading to dictation of melodies of phrase and period length. Ear-drill upon intervals in scale relation, triads and their inversions, dominant seventh-chords. Two part dictation.

Chord and scale construction. Elementary theory of music. Drill in scale and melody singing, time subdivisions, and part-singing. Text: "Tone Thinking," by Alchin, and sight-singing material.—Andrews.

12. Harmony, (six credits). M., W. 9:00.

Intervals (developed from overtone principle). Intervals in scale relation. Chord structure. Chord relation. Melody writing. Embellishing tones. Harmonization of simple melodies by section and phrase, using tonic, dominant seventh, and sub-dominant chords in all inversions. Keyboard work. Text: "Applied Harmony," by Alchin.—Andrews.

13. Theory of Music, (three credits). M., W. 10:30.

Intervals. Notation. Musical terminology. Elementary Harmony and Form. Text: "First Year Theory," by Tapper.—Uniacke.

21. Harmony, (six credits). T., Th. 10:30.

Completion of diatonic harmonies. Modulation. Chromatic harmonies. Modulation through common chord and common tone. Augmented sixth chords and Neapolitan sixth. Keyboard sequences and modulations. Original work. Text: "Applied Harmony," by Alchin.—Andrews.

22. Keyboard Harmony, Transposition, and Improvisation, (three credits). M., W. 11:30.

Progressive introduction of diatonic harmonies. Transposition. Harmonization of melodies. Impro-

visation in smaller forms. Practical application to memorization. Text: "Keyboard Harmony and Transposition," by Hamilton.—Andrews.

31. Counterpoint, (six credits).

Melody writing. Progressive association of two, three, and four melodic lines. Rhythmic diversity. Two, three, and four notes to a beat. Diversity of rhythmic movement in different parts. Modulation. Motive development. The small invention in two, three, and four parts. Some work in strict counterpoint. Text: "Elementary Counterpoint," by Goetschius.—Andrews.

32. History of Music, (nine credits). M., W., F. 9:00.

Critical study of development of music from primitive times down to the present. Collateral reading, and frequent reference to works selected from the Library. Text: "History of Music," by Matthews.—McKee.

33. Piano Normal, (three credits).

Practical talks on various aspects of piano teaching. Suggestions regarding presentation of ideas to student. Discussion of tone-production, pedalling, technique, interpretation, memorizing, teaching material, etc. Practise teaching.—Andrews.

41. Musical Appreciation, (three credits).

Historical development of the art of music, with emphasis upon development of various schools, forms, etc., rather than upon biographies of musicians. Hearing and analysis of music of various periods. Lecture method.—Andrews.

42. Form and Analysis, (six credits).

Figure and motive. Phrase. Period-form. Analysis presented first through the ear and then from the score. Binary and ternary forms. Detailed formal and harmonic analysis of larger forms. Material from the classic, romantic, and modern periods. Text: "Lessons in Music Form," by Goetschius, with reference to other works on form.—Andrews.

43. Composition, (three credits). Elective.

Original work in the different forms. Andrews.

DEPARTMENT OF THE SPOKEN WORD.

Miss Todhunter

Miss Long

The universal means of transferring thought is by the spoken word. The two agents employed to transfer a mental concept to the mind of another are the voice and the body. In the cultivation of these two instruments lies the aim of the Department of the Spoken Word.

An interpreter of literature must first imbibe the mental concept of the author, then with the conscientious use of material symbols—voice and body—he is able to reveal the truth of his interpretation.

The human instruments are taught to be submissive to the mind, and by the employment of emphasis and gesture, all mental ideas are made vivid and transferable.

VOICE. The voice is the instrument whereby all sound is transposed and translated in cadences of thought. Harsh nasal tones impair the thought-quality and retard its transmission. Therefore the technique of voice building must hold a serious place in the cultivation of public speaking.

BODY. The body must be taught to accept and obey the commands of the mental concept. Since the flesh is continually at war with the spirit, it becomes the conscientious duty of an interpreter of literature to train the body to portray truthfully each mental idea.

Habits of body must be destroyed, and only the attitudes of truth and naturalness must remain.

The courses of Instruction are offered under three heads, in class or in private lessons as described below.

I. Literary Interpretation.

15. Literary Interpretation.
25. Literary Interpretation.
35. Literary Interpretation.

These are the three years of private lessons required for graduation. The student meets the teacher in two one-half hour periods a week, and has individual practice hours additional. The aspects of the work are given to fit the aptitude and talents of the student, covering the general heads as follows:

(a) **Fundamentals.** Principles underlying the study of vocal and pantomime expression of literature. Exercises and lectures taken from "The Practice Book," by Leland T. Powers.

(b) **The Speaking Voice.** Correct breathing, breath control, vocal placing and the education of the tongue, the lips, and the jaw in correct vowel and consonantal articulation. Special exercises are given to correct idiosyncrasies of voice and breathing.

(c) **Gesture.** By a series of charts the body is trained to express, pantomimically, each thought impulse.

(d) **Repertoire.** In order to effectively use the means mastered in the foregoing courses, certain masterpieces of literature are used as a vehicle for vocal and pantomimic expression.

II. Public Speaking

This is given in class work. The same courses are described in the College of Arts and Sciences section of the catalog, and count for credit toward the A. B. Degree.

11. **Principles of Speech.** (three credits) Sec. I. M. 10:30; Sec. II. Th. 10:30.

Proper functioning of voice and body; theory and practice for public and private address; effective speech in the activities of every day life.

21. **Public Address** (three credits) M. 9:00.

Criticism and analysis of speeches; practice in reading of prose and poetry, thereby making it a contributing factor in effective speech making.

31. **Orations** (three credits) Th. 9:00.
The phrasing of propositions: Nature and kinds of evidence, persuasion and practice in addressing audiences. Orations on current themes must be written and produced throughout the term.
22. **Debating**, (three credits). Elective in this Department.
23. **Parliamentary Law**, (three credits).
Parliamentary law, and practice in conducting a public assembly; daily drill in conversing with an audience for the purpose of informing, convincing or moving to action. Elective in this Department.
24. **Orations. Individual Instruction**
Practice in formal oratory, using masterpieces of American orations.
The Oratorical Association of the University affords opportunity for practice and contest. Very liberal prizes are offered for winners in a number of events for both beginners and advance students. See page.....

34. **Story Telling. Individual Instruction.**
Creation of atmosphere suitable to portrayal of varieties of stories, including "Mother Goose Rhymes," "Old Norse Tales," Epics, etc.

III. Dramatic Art.

34. **Dramatic Art.**
Training in the traditional business of classic and standard plays; Ensemble reading of plays; practice demonstrations of play production, adding zest to the study of the drama.

The Foot Lights.

The Foot Lights is an organization maintained by the students interested in drama and its production. It is designed to encourage the "Little Theatre" movement which is demanding interest throughout the country.

Monthly meetings will be held for the transaction of business.

The officers, president, vice-president and secretary-treasurer, are elected annually at the last regular meeting, save one, of the scholastic year.

All plays produced during the season will be recorded in the Amateur Department of the Theatre Magazine.

DEPARTMENT OF ART.

Mrs. Cockrell

Mrs. Owen

The purpose of the Department of Art is to provide special means for the attainment of culture and refinement through the cultivation of the powers of observation and representation. The Art School of Texas Christian University has a long record of faithful work and a high standard of excellence.

In the study of line, color and composition, the vision and mind are developed so that the student may not only see but discern that which is worth while, and be able to express this higher vision in some lasting form. The work is conducted to the end of adding to the student's appreciation of the master artists of human-kind, and above all through this study of nature to better understanding of the Master of All.

Courses of Instruction.

First Year. Charcoal drawing from objects and casts. Practice in perspective and composition. Still-life painting in oil, water-color and pastels. Designing and execution of china.

Second Year. Charcoal drawing from full length casts. Pencil sketches from the costume model leading to illustration. Out-of-door sketching. Painting in oil, water-color, pastel and china.

Third Year. Charcoal drawing from the head. Pastel landscape and flowers. Composition and designing. Painting in oil and water colors. Tapestry painting.

Special Courses.

ART SUPERVISORS' COURSE. A teachers training course is given for those preparing for work in the public schools. Instruction is given in pencil, crayon, water-colors, paper cutting and folding, through all the grades, with special application to the seasons of the school year. A notebook is made so that the general outline of the work is kept in permanent form. At the completion of this two years' course the student is prepared for the instruction of art in the public schools and a certificate is granted.

CHINA PAINTING. 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.

TAPESTRY. The painting of tapestry is so closely associated with the art of mural decoration and is so especially adapted to use in interior decoration that it is one of the most sought-after phases of art instruction at the present time. A very complete course is provided in this art.

LANDSCAPE PAINTING. The out-of-door work is especially stressed at Texas Christian University because of the splendid adaptability of its location to landscape painting. The studio windows look out upon vast stretches of country and magnificent distances as well as upon the rapidly developing sky-line of the city of Fort Worth. The Trinity River is not far distant, and Forest Park, well equipped with flowers, gardens, trees and animals, is a veritable out-of-door studio.

COMMERCIAL ART. These two seemingly opposing terms, commercial and art, are being associated so generally through the necessities of life that we must needs bring them decidedly into our university life. Art is no less art being commercial, but in this course we do present the more utilitarian side of art,

giving especial attention to drawing for advertising purposes, cartooning, illustrating, poster and lettering.

"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, and through the federation keeps in touch with art interests in general.

EXHIBITIONS. The best work of the students is exhibited in the studio at least once each term, and in June a complete exhibition is given of the work of the year. The work of both instructors and students is often sent to exhibits elsewhere in the state.

GALLERIES. The art gallery at Carnegie Library is open for the use of the students at any time. It is well equipped with a permanent collection of modern paintings, and twice each year there are loan exhibits, which afford excellent opportunities to see the best in art.

REFERENCE WORK. The best art magazines are taken in the University Library, and the art room is supplied with a good collection of art reference books, reproductions and casts.

HOURS FOR WORK. The studio is open during all the school hours of the University. The regular tuition provides for two three-hour lessons a week, and studio work on the third day.

For **Diplomas and Certificates** see information the beginning of the School of Fine Arts.

FEES IN SCHOOL OF FINE ARTS PIANO

	Fall	Winter	Spring
C. C. McKee	\$60.00	\$45.00	\$45.00
Mrs. Carl R. Doering	60.00	45.00	45.00
Lawrence D. Andrews	48.00	36.00	36.00
Lucile Durrett	34.00	28.00	28.00
Assistant in Piano	34.00	28.00	28.00

VOICE

Bertha Ann Cooper	\$60.00	\$45.00	\$45.00
Dan Baker	48.00	36.00	36.00

VIOLIN

Ralph Uniacke	\$60.00	\$45.00	\$45.00
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BAND

Theodore Rosenthal	\$48.00	\$36.00	\$36.00
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MISCELLANEOUS COURSES

Harmony 1, L. D. Andrews.....	\$12.00	\$10.00	\$10.00
Harmony 2, L. D. Andrews.....	12.00	10.00	10.00
Ear Training and Sight			
Singing, L. D. Andrews.....	10.00	8.00	8.00
Counterpoint, L. D. Andrews.....	12.00	10.00	10.00
Normal Methods, L. D. Andrews.....	12.00	10.00	10.00
Musical Appreciation, L. D.			
Andrews	10.00	8.00	8.00
Analysis, L. D. Andrews	10.00	8.00	8.00
Musical History, C. C. McKee.....	12.00	10.00	10.00
Practice, 1 hour	6.00	4.00	4.00
Practice, 2 hours	5.00	3.50	3.50
Practice, 3 hours	5.00	3.50	3.50
Dunning System, Mrs. A. W. Whitlock, Entire Course	\$250.00		

ART DEPARTMENT

	Fall	Winter	Spring
Painting and Drawing	\$40.00	\$30.00	\$30.00
China Painting	30.00	25.00	25.00
Tapestry	40.00	30.00	30.00
Fee for Firing	8.00	6.00	6.00
Studio Fee	1.50	1.00	1.00

SPOKEN WORD

	Fall	Winter	Spring
Elliott Todhunter	\$50.00	\$40.00	\$40.00
Assistant	40.00	30.00	30.00

SCHOOL OF HOME ECONOMICS

Miss Gladys Turner, Director
Assistant to Be Supplied.

Historical Statement

This School was founded in 1915 by Mrs. Ida V. Jarvis, who gave to the University \$100,000, much of which will be used to conduct this Department. In the near future a separate building for Domestic Science and Art is to be erected. Other structures, with suitable grounds, are to be provided for a co-operative boarding school for young women, and for gardens, farm plats and orchards, to be kept by students in connection with their studies.

The success of the School already achieved prophesies eminent usefulness in the future, and has easily won for the Department a sure and increasing patronage.

Purpose

The primary purpose of this Department is to train young women for home duties by thorough study and application of the various phases of homemaking, showing the relation between the practical and scientific applications, so that they may perform their duties intelligently.

The course is also arranged for those who desire to teach Home Economics, or to enter other activities which are open to the student of Home Economics.

Equipment

Large rooms in the Administration Building of the University have been well furnished with individual gas stoves and every modern article that may contribute to the latest and most practical methods of

cooking. A strictly modern dining room has been fitted out for this department. Likewise ample equipment is at hand for sewing, dressmaking, drawing and decorating. The University has regular departments for Chemistry, General Economics, Bacteriology, and Painting, all of which are available for students of this School.

A division of the College Library has been assigned to this School, and many volumes and magazines on domestic subjects are at the disposal of Home Economic students.

Entrance and Graduation

In general the entrance requirements for this department, and especially for college credits, are the same as those of College of Arts and Sciences. Candidates for the degree of Bachelor of Science may major in Home Economics, counting not over 48 credits from this department, not less than 23 credits in Domestic Sciences and 16 credits in Domestic Arts as the major—39 credits. In this case, Chemistry will be the first-minor. Freshman Physics is also a required subject.

For those making Home Economics a minor, 27 credits will be required as first minor or 18 credits as second minor.

Students asking credit for work done elsewhere must present statement from school in which work was done, with grades in each subject.

Course of Instruction

12. **Cooking (nine credits).** 2 hrs. lectures, 3 hrs. lab. per week.

Prerequisite or parallel: Freshman chemistry, general physics. The study of foods according to their classification, with recipes and experiments showing various methods of, and reasons for cooking. Study of foods as to caloric value and relation to the body. Special emphasis, as in all courses, is given to economical use of food and

correct manipulation of materials and utensils. Simple meals are prepared and served.

21. **Cooking (nine credits)**. 2 hrs. lecture, 3 hrs. lab. per week.

Prerequisite: Cooking 12. The principles and practice of preserving foods by canning, drying, salting, etc. Detailed study of meats of various animals with experiments determining the best methods of preparation of the various cuts. The study of use of cheaper cuts of meat is emphasized. Study of leavening agents and making of breads, pastries, cakes.

- 24, ws. **Dietetics (six credits)**. 3 hrs. lecture per week.

Prerequisite: Cooking 12. Freshman chemistry.

Detailed study of the food requirements of the body in health and sickness. The relation of diet to disease. The dietetic treatment in more common disorders of nutrition, and laboratory practice in the planning of dietaries and preparation of food for invalids. The study of infant feeding and food demands of the growing child.

- 32f. **Cooking (three credits)**. 2 hrs. lecture, 3 hrs. lab. per week.

Prerequisite: Cooking, 21.

Parallel: Chemistry of Food; Food Analysis.

The history of cooking. Application of the principles of cookery to the more complicated processes of food preparation. Study of the cost and nutritive value of foods. The preparation and serving of meals planned to meet various dietary requirements.

- 33w. **Nutrition (three credits)**. 3 hrs. lecture per week.

Prerequisite: Cooking, 32; Dietetics, 24; Food Analysis.

Detailed study of the nutritive and caloric value of foods. Includes advanced work in the chemistry of human nutrition. Comparative study of the cost and nutritive value of different types of food.

36ws. **Cooking.** 6 hrs. Lab. per wk.

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. Detailed study of breakfasts, luncheons, dinners, suppers, teas, etc. The students' duties are alternated to give each one the practice of cooking, serving as maid and presiding as hostess, affording ample opportunity for developing a working knowledge of table service.

16s. **Marketing.** 2 hrs. lecture per wk.

Prerequisite: Cooking 21.

Deals with the economical purchasing of food supplies, both in home and institutions. Keeping of accounts. Tests for quality and quantity of materials purchased. Foods are considered in relation to supply, season, cost. Discussion of basis of selection and methods of reducing food costs. Field work includes visits to available sources of food supplies—wholesale and retail.

25f. **Household Engineering.** 2 hrs. lecture per wk.

Prerequisite: General Hygiene in Department of Biology.

Brief review of Hygiene as applicable to structure, ventilation, lighting and heating of the house. Housing—ownership versus rental, equipment in relation to income; system in the household; division of labor; business methods and budget; domestic labor; comparison of various appliances and devices for household use.

11. **Sewing (six credits).** 1 hr. lecture, 4 hrs, Lab. per wk.

Elementary sewing. Learning stitches, plain and decorative; study of seams and their correct use; darning; patching; fastenings; plackets. Learning how to take accurate measurements. Care of the machine, use of it and attachments. Drafting of patterns for lingerie, and making the garments. Study and comparison of various methods of drafting. Making simple dresses.

23. **Sewing (six credits).** 1 hr. lecture, 4 hrs. Lab. per wk.

Prerequisite: Sewing 11.

Parrellel: Textiles 22.

Establishing foundation principles of garment construction; selection of materials; fitting and finishing of garments; economical cutting of material. Study of commercial patterns and their adjustment to personal requirement. Making of garments in cotton, wool, silk, and linen. Remodelling one old garment. Construction of middy blouse.

- 35f. **Sewing (two credits).** 2 hrs. lecture per wk.

Prerequisite: Sewing 23.

Costume design. Study of the evolution of clothing; relation of types of dress to economic condition; development of dress in relation to comfort, beauty and appropriateness. Principles of art expressed in line, mass and color as adapted to dress. Laboratory problems include designing of dresses for various occasions, for different types of persons.

- 37ws. **Sewing.**

Prerequisite: Sewing 33.

Advanced dressmaking. Applications of the principles of costume design in construction of garments. Problems to be executed will be determined after consultation with students. Suggestions will be given concerning cloth dresses, afternoon and evening gowns, evening wraps, fancy blouses. Patterns will be drafted by students.

- 22fw or ws. **Textiles (four credits).** 2 lectures per wk.

Study of the growth and manufacture of the various fibres, processes of spinning and weaving; identification of fibres; hygiene of clothing; characteristics and properties of fibres in relation to clothing; testing of materials for adulterations; dyeing of textiles to laundering and cleansing.

26fw or s. **Millinery.** 4 hrs. per wk.

Prerequisite: Sewing 11.

Discussion of line, color, and form in relation to the wearer. Designing, drafting and making of buckram and wire frames; use of velvet, silk or satin, in relation to the season; remodelling and renovating old materials; practice in making bows, rosettes, flowers and other forms of decoration. Making hats, the type of which is determined after consultation with the student.

14fw or s. **House Decoration.** 2 hrs. lecture per wk.

Study of proportion, rhythm, symmetry and subordination as expressed by line, mass and color, as applied to house decoration. Architecture and interior of house are considered. Laboratory work consists of making and binding a book, in which are mounted students' tracings, drawing and clippings in connection with the work.

38s. **Theory of Teaching.** 2 hrs. lecture per wk.

Making of lesson plans; different methods used in lesson presentation; study of equipment and arrangement of laboratories. Practice teaching under supervision.

FEEES FOR HOME ECONOMICS COURSES

	Fall	Winter	Spring
Cooking Tuition, per course.....	\$29.25	\$24.75	\$27.00
Sewing Tuition, per course	16.25	13.75	15.00
Dietetics	16.25	13.75	15.00
Textiles	16.25	13.75	15.00
Household Management	16.25	13.75	15.00
Theory of Teaching.....			10.00
Millinery	16.25	13.75	15.00
House Decoration	16.25	13.75	15.00

REGISTER OF THE GRADUATING CLASSES FOR
SESSION 1919-20
AND SUMMER TERM, 1920.

1920

GRADUATES JUNE 11, 1920.

MASTER OF ARTS

A. R. Holton.....	Fort Worth, Texas.
E. O. Thompson.....	Fort Worth, Texas.
Cobby de Stivers.....	Celina, Texas.

MASTER OF SCIENCE

Will V. Norris.....	Golden, Colorado.
Gayle Scott.....	Lamkin, Texas.

BACHELOR OF ARTS

Bell, Beulah.....	Fort Worth, Texas.
Black, Sybil.....	Breckenridge, Texas.
Blume, W. W.	Fort Worth, Texas.
Bradford, Cecil.....	Mansfield, Texas.
Bridges, Lola.....	Childress, Texas.
Camp, Van.....	Pecos, Texas.
Carter, Nan.....	Grafard, Texas.
Caton, McKee.....	Detroit, Texas.
Coombes, Beth.....	Stamford, Texas.
Goshorn, Leona.....	Fort Worth, Texas.
Haley, William E.	Irving, Texas.
Hall, J. D.	Ringgold, Texas.
Hearn, Ben.....	Mesquite, Texas.
Hunter, Una.....	Bonham, Texas.
Jones, Annie Lou.....	Waxahachie, Texas.
Jones, Mollie.....	Walters, Oklahoma.
Keeble, Dorothy.....	Fort Worth, Texas.
Ledbetter, Loy.....	Denton, Texas.
Mathieson, T. H.	Denton, Texas.
Miller, Oscar.....	Fort Worth, Texas.
Miller, Simon Peter.....	Fort Worth, Texas.
McLean, John.....	Fort Worth, Texas.
Parks, Geo. L.	Lake Charles, Louisiana.
Robinson, Ruth.....	Fort Worth, Texas.
Sanchez, Mrs. Madeleine.....	Fort Worth, Texas.
Sandidge, John R.	Fort Worth, Texas.
Shelburne, Elizabeth.....	Sherman, Texas.
Shockley, Edyth.....	Sylvatus, Virginia.
Shockley, Ethel Virginia.....	Sylvatus, Virginia.

BACHELOR OF ARTS (Continued)

Shockley, Noan	Fort Worth, Texas.
Sloan, Mrs. W. C.	Naches, Texas.
Smith, Ruby Jane	Waco, Texas.
Stack, Beatrice Mabry	Fort Worth, Texas.
Sullivan, R. B.	Thorp Spring, Texas.
Tucker, Ernest R.	Fort Worth, Texas.
Wester, Ava Maud	Sulphur Springs, Texas.
Woodward, C. S.	Fort Worth, Texas.
Zeloski, Mary Louise	Fort Worth, Texas.

BACHELOR OF DIVINITY

Miller, Simon Peter	Fort Worth, Texas.
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BACHELOR OF LAWS

Rubenstein, David	Somerville, Massachusetts.
Scardino, P. M.	Bryan, Texas.

DIPLOMA IN PIANO

Abernathy, Grace	Sherman, Texas.
Shoemaker, Salome	Handley, Texas.
Couch, Lera Pearl	Fort Worth, Texas.

DIPLOMA IN ART

Hogle, Mary Emma	Fort Worth, Texas.
McLean, Mary Jane	Fort Worth, Texas.
Ratliff, Blanche C.	Fort Worth, Texas.

GRADUATE DIPLOMA IN ORATORY

Carter, Nan	Graford, Texas.
Davies, Florence Gertrude	Big Springs, Texas.
Jones, Annie Lou	Waxahachie, Texas.

CERTIFICATE IN ORATORY

Holland, Loneta	Midlothian, Texas.
Williams, Margaret	Durant, Oklahoma.

CERTIFICATE IN ART

Saunders, Venita	Fort Worth, Texas.
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CERTIFICATE IN DOMESTIC SCIENCE

Boehme, Marie	Fort Worth, Texas.
Wilson, Novella	Fort Worth, Texas.

GRADUATES JULY 24, 1920.**BACHELOR OF ARTS**

Andrews, Jewell B.	Fort Worth, Texas.
Bradley, Cleo	Memphis, Texas.
Coyle, Viola	Midland, Texas.
Davies, Florence Gertrude	Big Springs, Texas.
Douglas, O. B.	Cooledge, Texas.
Glenn, Paul B.	Fort Worth, Texas.
Harris, William J.	Snyder, Texas.
Haris, D. G.	Fort Worth, Texas.
Hensley, Odessa	Gainesville, Texas.
Johnson, Lillian	Tom Bean, Texas.
Martin, Albert D.	Thorp Spring, Texas.
Osburn, Charles T.	McKinney, Texas.
Scott, Lorine	Palestine, Texas.
Traweck, A. C.	Matador, Texas.
Walker, Ruby C.	Fort Worth, Texas.

CANDIDATES FOR GRADUATION IN T. C. U. 1921.

Class June 6, 1921.

MASTER OF ARTS.

Taylor, Archie	Seminary Hill, Texas.
Tucker, E. R.	Fort, Worth, Texas.
Ligon, Ernest	Byers, Texas.

BACHELOR OF ARTS.

Adams, Fred	Sulphur Springs, Texas.
Allen, Pauline	Corsicana, Texas.
Barger, C. B.	Anna, Texas.
Bateman, Bodie	Eddy, Texas.
Boultinghouse, J. W.	Utopia, Texas.
Brous, H. B.	Fort Worth, Texas.
Carlson, E. Leslie	Seminary Hill, Texas :
Coke, Mortimer W.	Atlanta, Texas.
Doering, Carl	Fort Worth, Texas.
Durrett, Florence	Fort Worth, Texas.
Ellis, Ethel	Blooming Grove, Texas.
Gee, Dorene	Greenville, Texas.
Guertler, Mrs. Jannette	Fort Worth, Texas.
Jones, Madeline	Bonham, Texas.
Jones, Granville	Eastland, Texas.
Kennemur, Golden	Sulphur Springs, Texas.
Ligon, Ernest	Byers, Texas.
McQuillen, Mary Francis	Galveston, Texas.
Miller, Vernon	Crawford, Texas.
Norris, Fred	Palestine, Texas.
Pate, C. C.	Midland, Texas.
Pecora, Tony	Beaumont, Texas.
Strange, Hallie	Mesquite, Texas.
Stuckart, Margaret	Burleson, Texas.
Sweet, Wm. F.	Fort Worth, Texas.
Venting, Albert	Seminary Hill, Texas.
Waits, Mary Elizabeth	Fort Worth, Texas.
Webb, W. S.	Chillicothe, Texas.

BACHELOR OF SCIENCE.

Council, Frank	Windom, Texas.
Riddle, Penn, M. D.	Fort Worth, Texas.
Sandidge, John	Fort Worth, Texas.

DIPLOMA IN PIANO

Mrs. Marvin Brown

DIPLOMA IN ORATORY

H. B. Brous

DIPLOMA IN ART

Lucile Miller

Class August 19, 1921.**MASTER OF ARTS.**

Sullivan, R. B. Thorp Spring, Texas.
Sanchez, Mrs. Madeleine Fort Worth, Texas.

MASTER OF SCIENCE.

Dutton, L. O. Hillsboro, Texas.

BACHELOR OF ARTS.

Clancey, Leslie Mae Fort Worth, Texas.
Eubank, Kate Fort Worth, Texas.
Oglesby, Marcella Fort Worth, Texas.
Kennedy, Ruth Fort Worth, Texas.
Hill, Ben Center, Texas.
McCutcheon, Forrest Dallas, Texas.
Moore, M. H. Fort Worth, Texas.
Lewis, Vera Fort Worth, Texas.

ENROLLMENT, 1920-21.

Note: The order or arrangement is, first by schools; College of Arts and Sciences, then College of Fine Arts, School of Home Economics, then the Academy.

Within each School, the order is by classes, the highest first, graduate, senior, etc.

Within each class, a division into groups is made to show the profession for which the students are preparing. This is only partial, because the facts are not known in some cases.

There is no separate list of ministerial, or law, or medical students, but they all appear under their proper classes. The total of each is shown in the Summary.

GRADUATES.

Blume, W. W., Ministerial.....	Polytechnic, Texas.
Chestnutt, Joseph A., Ministerial.....	Austin, Texas.
Dutton, L. O.	Hillsboro, Texas.
Forsythe Margaret.....	McKinney, Texas.
Goode, J. V., Pre-Medical.....	Fort Worth, Texas.
Haris, D. G.	Fort Worth, Texas.
Sanchez, Mrs. Madeleine	Fort Worth, Texas.
Sandidge, John R.	Fort Worth, Texas.
Seashore, Theodore, Ministerial.....	Fort Worth, Texas.
Shockley, Noan	Fort Worth, Texas.
Sullivan, R. B., Ministerial.....	Thorp Spring, Texas.
Taylor, Archie, Ministerial	Seminary Hill, Texas.
Taylor May Bettie	Fort Worth, Texas.
Tucker, E. R.	Fort Worth, Texas.

SENIORS.

Acker, Will Hill	Austin, Texas.
Adams, Fred	Sulphur Springs, Texas.
Allen, Pauline	Corsicana, Texas.
Barger, Chas. Boone	Anna, Texas.
Bateman, Bodie	Eddy, Texas.
Boultinghouse, J. W., Ministerial.....	Utopia, Texas.
Bradley, Cleo	Memphis, Texas.
Brous, H. B., Ministerial.....	Fort Worth, Texas.
Buhler, M. A., Ministerial.....	Fort Worth, Texas.
Carlson E. Leslie, Ministerial.....	Seminary Hill, Texas.
Clancy, Leslie Mae	Fort Worth, Texas.
Coke, Mortimer W.	Atlanta, Texas.
Council, Frank, Pre-Medical	Windom, Texas.
Coyle, Viola	Midland, Texas.
Davies, Florence G.	Big Springs, Texas.
Doering, Carl Rupp	Fort Worth, Texas.

SENIORS (Continued)

Durrett, Florence E.	Fort Worth, Texas.
Ellis, Ethel	Blooming Grove, Texas.
Eubank, Kate	Fort Worth, Texas.
Gee, Dorene	Greenville, Texas.
Glenn, Paul B.	Fort Worth, Texas.
Guertler, Mrs. Jannette	Fort Worth, Texas.
Harris, Wm. J.	Snyder, Texas.
Hárwell, Jesse B.	Commerce, Texas.
Hensley, Odessa	Gainesville, Texas.
Hill, Ben H., Ministerial	Center, Texas.
Johnson, Lillian	Tom Bean, Texas.
Jones, Louise	Midland, Texas.
Jones, Granville, Pre-Medical	Eastland, Texas.
Jones, Madeline	Bonham, Texas.
Kennedy, Ruth	Fort Worth, Texas.
Lewis, Vera	Fort Worth, Texas.
Ligon, Ernest, Ministerial	Byers, Texas.
Martin, A. D.	Thorp Spring, Texas.
McCutcheon, Forrest	Dallas, Texas.
McQuillen, Mary Frances	Galveston, Texas.
Miller, Vernon	Crawford, Texas.
Moore, M. H.	Fort Worth, Texas.
Mullican, Winnie Lewis	McKinney, Texas.
Norris, Fred	Palestine, Texas.
Oglesby, Marcella	Fort Worth, Texas.
Osburn, Chas. T.	McKinney, Texas.
Pate, C. C.	Midland, Texas.
Pecora, Tony, Pre-Medical	Beaumont, Texas.
Riddle, Penn, M. D., Medical	Fort Worth, Texas.
Scott, Lorine	Palestine, Texas.
Strange, Hallie, Ministerial	Mesquite, Texas.
Stuckart, Margaret	Burleson, Texas.
Sweet, Wm. Floyd	Fort Worth, Texas.
Traweek, Albert, Pre-Medical	Matador, Texas.
Venting, Albert, Ministerial	Seminary Hill, Texas.
Waits, Mary Elizabeth	Fort Worth, Texas.
Walker, Ruby C.	Fort Worth, Texas.
Woodward, V. R., M. D., Medical	Fort Worth, Texas.
Webb, W. S.	Chillicothe, Texas.

JUNIORS.

Abernathy, Overton	Paducah, Texas.
Arnold, Marion	Killeen, Texas.
Badgett, Robt., Ministerial	Grand Prairie, Texas.
Barrett, I. P., Pre-Medical	Tolar, Texas.
Bateman, Wayne	Eddy, Texas.
Blalock, Bryan B., Ministerial	Bonham, Texas.
Cope, Mrs. Geo. T.	Fort Worth, Texas.

JUNIORS (Continued)

Crain, Leona	McGregor, Texas.
— Dahnke, Geo. W., Pre-Medical	Palmer, Texas.
Dangleisen, Laura, Ministerial	Temple, Texas.
Dickey, Mary Marjorie	Clinton, Missouri.
Driver, Rosa	Iola, Texas.
— Dutton, Mrs. L. O.	El Paso, Texas.
Farmer, Venus	Alvord, Texas.
Germany, Sibyl	Greenville, Texas.
Glasgow, Mrs. Earl	Fort Worth, Texas.
— Haire, Troy, Pre-Medical	Granger, Texas.
Haley, Flora, Teacher	Fort Worth, Texas.
— Hamlin, Cedric G.	Wichita Falls, Texas.
Hellums, Mabel	Rotan, Texas.
Hoffman, Marjorie	Paducah, Texas.
Kane, Edwin, Ministerial	Fort Worth, Texas.
Lester, James Arthur, Ministerial	Cooper, Texas.
Lowrey, Ernest J.	Lubbock, Texas.
Lumpkin, Jennie	Blooming Grove, Texas.
Mack, Robt. B.	Ballinger, Texas.
— Mann, Harrold W.	Fort Worth, Texas.
— Martin, Bonita	Waxahachie, Texas.
— McFarland, Bose	Greenville, Texas.
McKissick, Florence B.	Midland, Texas.
Fannill, Louise	Stephenville, Texas.
Phillips, James C., Ministerial	El Campo, Texas.
— Reeder, Elbert, Ministerial	Garland, Texas.
Robinson, Esther Mae	Fort Worth, Texas.
Spreen, W. J., Ministerial	Houston, Texas.
Sweet, Mary Elizabeth	Fort Worth, Texas.
Traylor, Estelle	El Campo, Texas.
Tull, A. C., Ministerial	Detonti, Arkansas.
Walker, Vida	Cisco, Texas.

SOPHOMORES.

— Agnew, Wm.	Fort Worth, Texas.
Allen, Marie	Fort Worth, Texas.
Anderson, Evelyn	Graham, Texas.
Armour, Jewell B.	Eden, Texas.
Barclay, Mary, Journalism	Fort Worth, Texas.
Batton, Martin, Ministerial	Elreno, Oklahoma.
Bounds, Jane	Fort Worth, Texas.
Bradley, Vernon	Whitt, Texas.
Brannon, J. D.	Fairforest, S. Carolina.
Britian, B. M.	Seymour, Texas.
Broadley, Karl, Pre-Medical	Fort Worth, Texas.
Brown, Channing	El Paso, Texas.
Carpenter, J. C.	Flano, Texas.
Chapler, Robt. E.	Fort Worth, Texas.
Childers, Homer	Fort Worth, Texas.

SOPHOMORES (Continued)

Clarke, Sidney, Ministerial	Arcola, Texas.
Combest, Earl	Paducah, Texas.
Coursey, Celeste	Gainesville, Texas.
Day, Edwina	Brenham, Texas.
Doughty, Dorothy	Post, Texas.
Driver, Dayle	Iola, Texas.
Driver, John, Pre-Medical	Iola, Texas.
Driver, Mary Sue	Iola, Texas.
Dudney, Thos., Ministerial	Dallas, Texas.
Eades, Frank	Palo Pinto, Texas.
Elliott, Edwin A., Ministerial	Fort Worth, Texas.
Ellis, Ella B.	Fort Worth, Texas.
Ferguson, Robt.	Wichita Falls, Texas.
Flynt, Alvin	Mineola, Texas.
Fitzgerald, Norma	Houston, Texas.
Forshall, Rena	Fort Worth, Texas.
Galloway, Olive	Fort Worth, Texas.
Gamble, Fred	Dallas, Texas.
Ginsburg, Jannette	Fort Worth, Texas.
Glasscock, Marguerite	Dallas, Texas.
Gray, Lottie A.	Houston, Texas.
Harris, F. Lem	McKinney, Texas.
Harris, J. Wylie	Royce City, Texas.
Hawkins, Hubert F., Pre-Medical	Dallas, Texas.
Heath, Freeman, Ministerial	Normangee, Texas.
Hicks, Lucile	Leesville, Louisiana.
Holmes, Dwight	Fort Worth, Texas.
Hood, Leona, Ministerial	El Reno, Oklahoma.
Jagoda, S.	Fort Worth, Texas.
Jenkins, Joyce Mildred	Fort Worth, Texas.
Jones, Leon	Fort Worth, Texas.
King, C. B.	Fort Worth, Texas.
Lasker, Florine	Fort Worth, Texas.
Lewis, Frank	Fort Worth, Texas.
Loftin, John Allen	Bonham, Texas.
Long, Marjorie	Fort Worth, Texas.
Luck, John, Ministerial	Cleburne, Texas.
Mason, Frances	Fort Worth, Texas.
McCall, Edith	Fort Worth, Texas.
McCartney, Homer	Waxahachie, Texas.
McConnell, Hannibal	Palo Pinto, Texas.
McElroy, D. W., Ministerial	Temple, Texas.
McElroy, Madie	Eldorado, Texas.
McReynolds, A. B., Ministerial	Fort Worth, Texas.
Meyer, L. R.	Waco, Texas.
Morrison, Thos.	Haskell, Texas.
Murrell, Lila	Fort Worth, Texas.
Murrell, Mary	Fort Worth, Texas.
Nussbaumer, J. M., Pre-Medical	San Angelo, Texas.

SOPHOMORES (Continued)

Osburn, Maurine	Melissa, Texas.
Parker, Mary	Fort Worth, Texas.
Pickett, M. R., Pre-Medical	Fort Worth, Texas.
Pringle, Jeffie	Marlin, Texas.
Prinzing, Heine	Waco, Texas.
Reagan, Thelma	Clovis, New Mexico.
Rehbock, Kettner	Fort Worth, Texas.
Robison, Katherine	Forney, Texas.
Ross, Josephine	Fort Worth, Texas.
Russell, Lee	Santa Anna, Texas.
Sams, Bernice	Benjamin, Texas.
Schofield, Bessie	Fort Worth, Texas.
Scott, Anna Lee, Ministerial	Grand Prairie, Texas.
Scott, Wm. E.	Fort Worth, Texas.
Shoemaker, Jack	Jacksonville, Texas.
Singleton, Lou Alice	Avondale, Texas.
Singleton, Wm., Pre-Medical	Avondale, Texas.
Smith, Gladys E., Ministerial	San Antonio, Texas.
Strong, Homer	Fort Worth, Texas.
Stuart, Lorena, Ministerial	Lindale, Texas.
Swain, Ralph, Ministerial	Clarksville, Texas.
Taylor, S. H., Pre-Medical	Goliad, Texas.
Thompson Bernard, Pre-Medical	Fort Worth, Texas.
Tillford, Gillette	Nacogdoches, Texas.
Tobin, Ida, Ministerial	Austin, Texas.
Walker, Edna	Keller, Texas.
Wallace, Roy B.	Coolidge, Texas.
Waltrip, Merle	Fort Worth, Texas.
Watson, Dewey	Wichita Falls, Texas.
Watson, Lucile	Montalba, Texas.
Weems, J. E., Ministerial	Heidenheimer, Texas.
Weisman, Fannie Mae	McKinney, Texas.
Williams, Fay	Milford, Texas.
Willis, Eli	Wichita Falls, Texas.
Willis, Elsie	Big Springs, Texas.
Wood, John	Grapevine, Texas.
Woodward, John I.	Utopia, Texas.
Woodward, M. L., Pre-Medical	Dallas, Texas.
Wren, Gerald C.	Fort Worth, Texas.
Yoder, Vivian	Sweetwater, Texas.

FRESHMEN.

Ministerial.

Carnes, Ivan	Fort Worth, Texas.
Ellis, T. D.	Aledo, Texas.
Hammond, Wm. J.	Red Oak, Texas.
Kemp, Ethel	Dallas, Texas.
McAfee, Alfred C.	Cisco, Texas.
Moore, Jerome	Jourdanton, Texas.
Muir, Jack	Fort Worth, Texas.
Newton, Fern	Weatherford, Texas.
Spencer, Norman	Morehead, Kentucky.

Pre-Medical

Alexander, Ivan	Fort Worth, Texas.
Baker, R. G.	Dallas, Texas.
Bailey, Charles F.	Ballinger, Texas.
Bender, James W.	Dallas, Texas.
Brooks, Murray C.	Mt. Vernon, Texas.
Camp, Hilliard	Pecos, Texas.
Glass, Thos. W.	Fort Worth, Texas.
Henry, Colvern	Lockney, Texas.
Houtchens, Loren Wm.	Fort Worth, Texas.
Hyde, Arthur	Fort Worth, Texas.
Kennemur, Jack	Sulphur Springs, Texas.
Moore, Jerome	Jourdanton, Texas.
Rathgeber, Van D.	Fort Worth, Texas.
Thompson, Angeline	Temple, Texas.

Others.

Algood, Ruth	Fort Worth, Texas.
Allison, James N.	Fort Worth, Texas.
Anderson, Dorothy Mae	Fort Worth, Texas.
Antoine, Geo., Pre-Law	Paris, Texas.
Arledge, John	Bonham, Texas.
Atwood, Velma	Fort Worth, Texas.
Bailey, Bernie	Holland, Texas.
Baskin, Sam	Fort Worth, Texas.
Barron, Sidna Rhea	Palmer, Texas.
Beard, Dean	Eastland, Texas.
Beard, Wesley	Eastland, Texas.
Birmingham, Evelyn	Fort Worth, Texas.
Biggerstaff, E. L.	Childress, Texas.
Biggs, Portia	Fort Worth, Texas.
Billington, Donna Joan	Fort Worth, Texas.
Bishop, Melvin W.	Fort Worth, Texas.
Black, R. P.	Fort Worth, Texas.

FRESHMEN (Continued)

Blanton, Don	Gainesville, Texas.
Bogard, Sweetie Laura	Fort Worth, Texas.
Booth, Walter Bates, Pre-Law	Fort Worth, Texas.
Boykin, Bess	Grapeland, Texas.
Bradley, Beulah	Memphis, Texas.
Bradley, George Wm.	Memphis, Texas.
Bradley, John W.	Wichita Falls, Texas.
Briggs, L. F.	Fort Worth, Texas.
Briscoe, Celeste	San Antonio, Texas.
Burser, Lottie Mae	Fort Worth, Texas.
Briscoe, Eugene	San Antonio, Texas.
Brothers, Gladys	Fort Worth, Texas.
Brouer, Orville	Fort Worth, Texas.
Bryson, Millard	Sonora, Texas.
Burnett, Belle	Ryan, Oklahoma.
Byrne, Mike J.	Fort Worth, Texas.
Carlisle, Wm. T.	Dallas, Texas.
Carpenter, Beatrice	Fort Worth, Texas.
Carpenter, Lecta	Plano, Texas.
Carpenter, Margaret	Fort Worth, Texas.
Cate, Stuart	Cisco, Texas.
Chandler, Almeda	Fort Worth, Texas.
Chatham, Lee R.	San Antonio, Texas.
Cherry, Blair	Weatherford, Texas.
Clark, Violet	Fort Worth, Texas.
Clayton, Boyd	San Angelo, Texas.
Cline, Everett, Pre-Law	Fort Worth, Texas.
Clutter, Zalemah Mae	Bonham, Texas.
Cockrell, Dura Louise	Fort Worth, Texas.
Colvin, Geo. H. Jr.	Fort Worth, Texas.
Compton, Eddie	Fort Worth, Texas.
Conkling, Helen	Fort Worth, Texas.
Cook, Martha	Fort Worth, Texas.
Cook, Virginia	Fort Worth, Texas.
Corbin, Kate	Wagoner, Oklahoma.
Corbitt, Jack	Fort Worth, Texas.
Corse, Eloise	Fort Worth, Texas.
Cross, Bruce Geo.	Fort Worth, Texas.
Cross, Margaret	Fort Worth, Texas.
Crowder, Noma	Fort Worth, Texas.
Crumley, Margaret	Roff, Oklahoma.
Cunningham, John	Fort Worth, Texas.
Curtis, W. Ward	Fort Worth, Texas.
Dacus, Ruth	Fort Worth, Texas.
Davis, Carrie Jean	McKinney, Texas.
Davis, Ernestine	Fort Worth, Texas.
Davis, Ruby	Fort Worth, Texas.
Dawson, Mary	Fort Worth, Texas.

FRESHMEN (Continued)

Day, Gilbert G.	Eden, Texas.
Dickerman, Herbert	Gainesville, Texas.
Dietz, Hazel	Fort Worth, Texas.
Diffie, Bailey	Detroit, Texas.
Dillard, Frank	Chillicothe, Texas.
Dodson, Dorothy	Fort Worth, Texas.
Donahue, Pete	Fort Worth, Texas.
Douglas, A. S.	Fort Worth, Texas.
Douglas, Ruby	Munday, Texas.
Dryden, Allison	Fort Worth, Texas.
Dumas, Brona	Fort Worth, Texas.
Earl, Mildred	Fort Worth, Texas.
Easley, Annie Mae	Wichita Falls, Texas.
Eason, Joe C.	Fort Worth, Texas.
Edmonds, Dale H.	Fort Worth, Texas.
Ellis, Marvin D.	Mansfield, Texas.
Emmett, J. A.	Hamilton, Texas.
Erwin, Sidney Cook	Fort Worth, Texas.
Estes, Graham	Fort Worth, Texas.
Foppe, Norma	Fort Worth, Texas.
Fowler, J. C.	Weatherford, Texas.
Frazier, Wallace M.	Fort Worth, Texas.
Fussell, Henry E., Pre-Law	Fort Worth, Texas.
Gann, Sam	Vernon, Texas.
Gates, Bernice Eloise	Coleman, Texas.
Gentry, Mrs. R. W.	Fort Worth, Texas.
Gibson, Jack	Gainesville, Texas.
Gosney, Viva	Kennedale, Texas.
Gray, Mary Jo	Fort Worth, Texas.
Green, Aubrey	Vernon, Texas.
Green, Rachel	Fort Worth, Texas.
Griffith, R. A.	Mt. Vernon, Texas.
Grigsby, Nannie B.	Fort Worth, Texas.
Grizzard, Mildred	Fort Worth, Texas.
Gulley, Coleman C.	Fort Worth, Texas.
Haden, Martha	Corsicana, Texas.
Hale, E. P.	Fort Worth, Texas.
Halsell, Hugh	Bonham, Texas.
Harder, Bob	Ralls, Texas.
Hagrett, Mrs. Clara Belle	Fort Worth, Texas.
Harris, Jim	Fort Worth, Texas.
Harrison, Floy	Amarillo, Texas.
Harrold, James	Fort Worth, Texas.
Hartgrove, Hattie Rue	Paintrock, Texas.
Hassell, Buff	Fort Worth, Texas.
Healy, Nora	Fort Worth, Texas.
Hills, Lora	Rule, Texas.
Hines, Lloyd	Fort Worth, Texas.

FRESHMEN (Continued)

Hogg, Gilbert	Fate, Texas.
Holland, Moe S.	Midlothian, Texas.
Holmes, Ralph	Fort Worth, Texas.
Honea, Lona	Cleburne, Texas.
Horton, Geo. W.	Galveston, Texas.
Hutcheson, Chalmers	Fort Worth, Texas.
Hyde, Louise	Fort Worth, Texas.
Jackson, G. P.	Dalhart, Texas.
Jackson, Mildred	Greenville, Texas.
Jackson, R. R.	Polytechnic, Texas.
Jenkins, Elaine	Fort Worth, Texas.
Jennings, Louise	Fort Worth, Texas.
Johnson, Isabel	Fort Worth, Texas.
Jones, Elsie	Childress, Texas.
Jones, Vida	Coleman, Texas.
Keeble, Millicent	Fort Worth, Texas.
Kent, V. A.	Fort Worth, Texas.
Kincannon, Doris	Fort Worth, Texas.
King, Delma	Fort Worth, Texas.
King, Joy	Fort Worth, Texas.
Kingsbury, Iris	Fort Worth, Texas.
Knox, M. S.	Mt. Vernon, Texas.
Knox, Walter S.	Fort Worth, Texas.
Knoy, M. F.	Handley, Texas.
LaRoe, Louise	Whitewright, Texas.
Latimer, Henry C.	Polytechnic, Texas.
Lawrence, Mary Louise	Fort Worth, Texas.
Leaverton, Ada Belle	Grapeland, Texas
LeBus, Hazel	Electra, Texas.
Lee, Sylvestia	Scranton, Texas.
Leslie, Helen	Fort Worth, Texas.
Levy, Forrest	Fort Worth, Texas.
Lewis, Jack	Fort Worth, Texas.
Lillard, Isla K.	Strawn, Texas.
Lipscomb, Mary Etta	Grapevine, Texas.
Llewellyn, Gordon	Fort Worth, Texas.
Llobes, Mike	Fort Worth, Texas.
Lock, Helen May	Fort Worth, Texas.
Long, Buford	Fort Worth, Texas.
Long, Murray	Fort Worth, Texas.
Lowrey, Irene	Lubbock, Texas.
Lynch, Elizabeth	Dallas, Texas.
Mabry, Herndon	Fort Worth, Texas.
Mack, Roy Scott	Ballinger, Texas.
Mallow, Clelia	McKinney, Texas.
Mantooth, Ina	Lufkin, Texas.
Martin, Reginald C.	Fort Worth, Texas.
Mayo, Oscar	Belton, Texas.
Mays, Clyde W.	Fort Worth, Texas.

FRESHMEN (Continued)

McAdams, J. B.	Gordonville, Texas.
McAuley, Janice	Fort Worth, Texas.
McCloud, Chester V.	Fort Worth, Texas.
McCourtie, Wm. E., Pre-Law	Fort Worth, Texas.
McDonald, Monroe	Fort Worth, Texas.
McKinney, Caldwell	Fort Worth, Texas.
McLean, Mary Jane	Fort Worth, Texas.
McLean, Wm. P.	Fort Worth, Texas.
Medcalf, Marion	Fort Worth, Texas.
Miller, Fay	Wagoner, Oklahoma.
Milliken, Wayne	Weatherford, Texas.
Montgomery, Alonzo D.	Lubbock, Texas.
Moore, Grace	Fort Worth, Texas.
Moore, Jo Helen	Fort Worth, Texas.
Moore, Richard M.	McGregor, Texas.
Moreman, W. L.	Hedley, Texas.
Morrison, Frank W.	Tolar, Texas.
Morto, Edrie	Longview, Texas.
Murphey, Wayne	Royce City, Texas.
Newsome, Clarence W.	Fort Worth, Texas.
Nicholson, Inez	Denison, Texas.
Noble, Mary E.	Taylor, Texas.
Norman, Bessie	Fort Worth, Texas.
Ogan, R. F.	Harlingen, Texas.
O'Keefe, Alice	Fort Worth, Texas.
O'Malley, Chas. J.	Bonham, Texas.
Page, Wilburn Lewis	Fort Worth, Texas.
Petty, Nellie Mae	Durant, Oklahoma.
Pickens, Kathryn	Roff, Oklahoma.
Pinkerton, Mary Lee	Haskell, Texas.
Pollitt, Frank	Fort Worth, Texas.
Poston, Mary	Fort Worth, Texas.
Pyle, Harrold G.	Belton, Texas.
Rainey, Anson	Dallas, Texas.
Randle, A. J.	Fort Worth, Texas.
Randle, Claude E.	Fort Worth, Texas.
Ratliff, Ruth	Fort Worth, Texas.
Reed, Dorothy	Fort Worth, Texas.
Reeder, Faye Beth	Garland, Texas.
Reese, Owen E.	Fort Worth, Texas.
Reierson, Dorothy	Athens, Texas.
Reinken, Chas. H.	Plainview, Texas.
Rheudasil, Hildred	Paris, Texas.
Robb, Bernia	Fort Worth, Texas.
Robey, Ashley	Fort Worth, Texas.
Rogers, Vera	Fort Worth, Texas.
Rowson, Allen	College Station, Texas.
Rumph, Lorraine	Fort Worth, Texas.
Rust, Minnie	Weatherford, Texas.

FRESHMEN (Continued)

Ryon, Raleigh	Bonham, Texas.
Sanguinet, Frank	Fort Worth, Texas.
Sarles, Blake	Fort Worth, Texas.
Scherz, Helen	Timpson, Texas.
Schmidt, Wm. C.	Fort Worth, Texas.
Seashore, Junius	Fort Worth, Texas.
Sherley, Lena	Anna, Texas.
Sherley, Lorraine	Anna, Texas.
Sherley, Wm. M.	Anna, Texas.
Shipp, Vella Barbara	Timpson, Texas.
Shults, Richard Bush	McKinney, Texas.
Smith, Russell	Denison, Texas.
Smyth, Marjorie	Fort Worth, Texas.
Spiller, Red	Jacksboro, Texas.
Stanley, Ruth	Amarillo, Texas.
Stanley, Wayland	Amarillo, Texas.
Stanton, Mrs. W. M.	N. Fort Worth, Texas.
Stegall, Earl	Fort Worth, Texas.
Stegall, Eugene	Fort Worth, Texas.
Stephens, Lucy Emma	Fort Worth, Texas.
Stevenson, John Allen	Bonham, Texas.
Stewart, Hattie Belle	Fort Worth, Texas.
Stewart, Reed	Crowley, Texas.
Stout, Charlie	Fort Worth, Texas.
Stroud, Mildred	Oak Wood, Texas.
Taylor, Cline	Fort Worth, Texas.
Taylor, Mary	Blum, Texas.
Taylor, Maurice	Blum, Texas.
Tevis, Louise	Wichita Falls, Texas.
Thompson, Howard	Saginaw, Texas.
Thyng, Gertrude	Fort Worth, Texas.
Tidwell, Newt	New Boston, Texas.
Tomlinson, Mrs. Carl	Leesville, Louisiana.
Tomlinson, Walter	Hillsboro, Texas.
Tones, Edna Mae	Denison, Texas.
Townsend, Rebecca	Lufkin, Texas.
Turner, Anson M.	Odom, Texas.
Turner, Merrill	Meridian, Texas.
Uniacke, Ralph	Fort Worth, Texas.
Vance, Josephine	Fort Worth, Texas.
Walker, Harris Glen	Britton, Texas.
Walker, Pansy	Fort Worth, Texas.
Walker, Ruby	Ranger, Texas.
Ward, Helen	Fort Worth, Texas.
Watters, Pierce	Fort Worth, Texas.
Weaver, Lynette	Timpson, Texas.
Welch, Harry K.	Fort Worth, Texas.
Weldon, B. B.	Fort Worth, Texas.
West, Thelma	Fort Worth, Texas.

FRESHMEN (Continued)

White, Hal	Fort Worth, Texas.
Whitis, Trudie	Ashland, Texas.
Wiggins, Ruth	Grapevine, Texas.
Wilkinson, Tyler H.	Marfa, Texas.
Willett, E. R.	Thurber, Texas.
Williams, Tom A.	Fort Worth, Texas.
Wisrock, Alberta	Mansfield, Texas.
Wood, J. E.	Seminary Hill, Texas.
Workman, Roger M.	Fort Worth, Texas.
Wright, James C.	Fort Worth, Texas.
Young, Edwin	Fort Worth, Texas.
Young, Lester	Fort Worth, Texas.

SPECIALS.

Ball, Mrs. H. A., Ministerial	Fort Worth, Texas.
Baber, D. R.	Winnsboro, Texas.
Clemmons, Joe R.	Abilene, Texas.
Davidson, Susanne	Fort Worth, Texas.
Ellis, Macon	Fort Worth, Texas.
Eppler, Elizabeth	Fort Worth, Texas.
Fulcher, John	Graner, Texas.
Hoffman, H. G.	Fort Worth, Texas.
Harrington, Margaret	Fort Worth, Texas.
Hatcher, Armede	Fort Worth, Texas.
Hudson, Edna Evelyn	Fort Worth, Texas.
Hughes, B. Z., Ministerial	Hico, Texas.
Johnson, Pearl	Fort Worth, Texas.
Labhart, Cora	Fort Worth, Texas.
Lloyd, Jessica	Fort Worth, Texas.
McDaniel, O. C.	Plainview, Texas.
McGee, Ben O., Pre-Law	Fort Worth, Texas.
McKenna, Orlena	Fort Worth, Texas.
McLean, Mrs. W. P.	Fort Worth, Texas.
Osterman, Eva Mae	Fort Worth, Texas.
Owens, Mrs. Addie	Fort Worth, Texas.
Powell, May	Fort Worth, Texas.
Read, Ethel	Polytechnic, Texas.
Rogers, T. A.	Dallas, Texas.
Sanders, Mrs. Sallie D.	Fort Worth, Texas.
Shelton, Mrs. G. I.	Lindale, Texas.
Shook, Helen	Haskell, Texas.
Shurtleff, Kinnard	Nacogdoches, Texas.
Singleton, Bettie	Fort Worth, Texas.
Stephens, L. Harris	Grandview, Texas.
Utley, Margaret	Fort Worth, Texas.
Vincent, Martha	Fort Worth, Texas.
Walker, Bird A.	Fort Worth, Texas.
Williams, Mrs. Eva	Fort Worth, Texas.
Williams, Virginia Alice	Fort Worth, Texas.
Ziegler, S. P.	Fort Worth, Texas.

FINE ARTS.

Andrews, Nannie Lou	Fort Worth, Texas.
Bagby, Albert	Fort Worth, Texas.
Bough, Mrs. G. R.	Fort Worth, Texas.
Beverley, Nora Bob	Fort Worth, Texas.
Biggs, Mary Anita	Fort Worth, Texas.
Bigham, Edith	El Paso, Texas.
Blasingame, Mrs. B. P.	Fort Worth, Texas.
Bridges, Lola	Childress, Texas.
Brown, Mrs. Marvin	Fort Worth, Texas.
Bruton, Florence	Clarksville, Texas.
Burns, Nita Grace	Fort Worth, Texas.
Byrnes, Ethel	Fort Worth, Texas.
Carez, Elizabeth	Fort Worth, Texas.
Carroll, Margaret	Fort Worth, Texas.
Carter, Ruth	Fort Worth, Texas.
Carver, Mrs. W. C.	Uvalde, Texas.
Cooper, Bertha Ann	Fort Worth, Texas.
Couch, Lera	Fort Worth, Texas.
Cowden, Mrs. E. L.	Fort Worth, Texas.
Cox, Elsie	Thurber, Texas.
Crawford, Bernice	Oran, Texas.
Cunningham, Viva	Fort Worth, Texas.
Davies, Frances	Fort Worth, Texas.
Davis, Jack	Fort Worth, Texas.
Davis, Robert	Fort Worth, Texas.
Durrett, Lucile	Fort Worth, Texas.
Douthit, Loudie	Fort Worth, Texas.
Elbert, Vivian	Fort Worth, Texas.
Elliott, Whre	Fort Worth, Texas.
Ewing, Myrtle	Cleburne, Texas.
Ferguson, Audrey	Wichita Falls, Texas.
Ford, Mrs. Mae	Mineola, Texas.
Fox, Ida J.	Fort Worth, Texas.
Fred, Rosa	Fort Worth, Texas.
Galloway, Lucile	Fort Worth, Texas.
Hanna, Roy W.	Fort Worth, Texas.
Hill, Hallis, B.	Breckenridge, Texas.
Harmoson, Naomi	Justin, Texas.
Hook, Mildred	Fort Worth, Texas.
James, Helen	Fort Worth, Texas.
Jennings, Grace	Fort Worth, Texas.
Jeter, Lovie	Fort Worth, Texas.
Johnson, Ethel	Fort Worth, Texas.
Klein, Mrs. M. G.	Fort Worth, Texas.
Kyle, Margaret	Fort Worth, Texas.
Lehane, Josephine	Fort Worth, Texas.
LeHew, Neutie	Fort Worth, Texas.
Leveridge, Della	East Bernard, Texas.

FINE ARTS (Continued)

Lewis, Vellene	Fort Worth, Texas.
Lewis, Velma	Fort Worth, Texas.
Lloyd, Jennie	Fort Worth, Texas.
Long, Erskine	Fort Worth, Texas.
Lunn, Iva	Alva, Texas.
Marrs, Maggie	Mansfield, Texas.
McKee, Wayne	Fort Worth, Texas.
McLean, Virginia	Fort Worth, Texas.
Melton, Lula	Fort Worth, Texas.
Miller, Martha A.	Fort Worth, Texas.
Millican, Gertrude	Fort Worth, Texas.
Moore, Jewel	Decatur, Texas.
Myers, Ruth	Fort Worth, Texas.
Naylor, Sylvia	Fort Worth, Texas.
Nichols, Louise	Fort Worth, Texas.
Nussbaumer, Mrs. J. M.	San Angelo, Texas.
Nussbaumer, Ida R.	San Angelo, Texas.
Ozier, Betty Lou	Amarillo, Texas.
Palmer, Mary	Fort Worth, Texas.
Parker, Emma	Fort Worth, Texas.
Plemmons, Constance	Amarillo, Texas.
Parker, Frank	Fort Worth, Texas.
Poindexter, Matye	Fort Worth, Texas.
Poole, Maud	Fort Worth, Texas.
Porter, Mrs. R. H.	Fort Worth, Texas.
Pressley, Cammille	Fort Worth, Texas.
Prewitt, Josephine	Roanoke, Texas.
Prewett, Mrs. J. C.	Fort Worth, Texas.
Rawley, Jewell	Fort Worth, Texas.
Raysor, Mrs. J. L.	Fort Worth, Texas.
Register, Celeste	Fort Worth, Texas.
Richardson, Mary E.	Fort Worth, Texas.
Riddel, Mrs. B. R.	Fort Worth, Texas.
Robison, Ireta	Forney, Texas.
Rosenthal, Ephraim	Fort Worth, Texas.
Ross, Leola	Fort Worth, Texas.
Shaw, Margie	Fort Worth, Texas.
Smith, Dudley B.	Leesville, Louisiana.
Smith, Edwynna	Fort Worth, Texas.
Shotts, Mrs. Edward, Jr.	Fort Worth, Texas.
Stafford, Gladys	Spur, Texas.
Stearns, Marjorie	Fort Worth, Texas.
Smith, Maurine	Fort Worth, Texas.
Tadlock, Toy Lee	Fort Worth, Texas.
Thurmond, Christine	Decatur, Texas.
Todhunter, Elliott	Lexington, Missouri.
Vance, Nell	Fort Worth, Texas.
Williams, Anne Lee	Fort Worth, Texas.
Williams, Mrs. A.	Fort Worth, Texas.

FINE ARTS (Continued)

Williams, Mrs. A. C.	Fort Worth, Texas.
Woody, Lois	Fort Worth, Texas.
Youngblood, Bessie	Fort Worth, Texas.
Youngblood, Mrs. Chas.	Fort Worth, Texas.

ACADEMY.

Though the Academy is an organization separate from the University, its roll is printed, inasmuch as this will be its last enrollment, and it has been printed heretofore. It will close permanently June, 1921.

Ministerial

Burns, Albert E.	Wylie, Texas.
Bybee, W. W.	Utopia, Texas.
Calmes, C. N.	Benjamin, Texas.
Cockrum Clarence	Cherryvale, Kansas.
Coolidge, Carl	Reklaw, Texas.
Elliott, Vida	Dallas, Texas.
Nelson, Al. B.	Dallas, Texas.
Norman, R. S.	Teague, Texas.
Payne, Homer	Fort Worth, Texas.
Rav, Lillie Belle	Mumford, Texas.
Robinson B. R.	Fort Worth, Texas.
Shelton, G. I.	Lindale, Texas.
Simpson, Granville	Neches, Texas.
Starr, Earl E.	Fort Worth, Texas.
Wilkening, Will D.	Fort Worth, Texas.
Williams, Etta	Wagoner, Oklahoma.
Williams, Leon	Hubbard, Texas.
Williams Sarah	Wagoner, Oklahoma.

Others.

Aden, Helen	Austin, Texas.
Bailey, Fred	Fort Worth, Texas.
Baker, Minnier	Dallas, Texas.
Braselton, Royce	Paris, Texas.
Brewer, Roy	Mt. Vernon, Texas.
Bradford, Agnes	Fort Worth, Texas.
Brown, R. A.	Fort Worth, Texas.
Buie, Ralph	Fort Worth, Texas.
Buie, V. W.	Fort Worth, Texas.
Callan, James, Jr.	Fort Worth, Texas.
Carpenter, Louise Lakin	Breckenridge, Texas.
Collins, Carl A.	Fort Worth, Texas.
Cooper Ernest	Pearl, Texas.
Craig, Madge	Truscott, Texas.
Culp, Pearl	Coleman, Texas.
Davis, Virginia	Fort Worth, Texas.

OTHERS (Continued)

Deupree H. O.	Fort Worth, Texas.
Dering, James E.	Grandview, Texas.
Duke, James E.	Lakeview, Texas.
Duringer, Hovey	Fort Worth, Texas.
Edmonds, Cline	Fort Worth, Texas.
Fink, Alex	Fort Worth, Texas.
Ford, Doris	Fort Worth, Texas.
Francis Mrs. Georgia B.	Fort Worth, Texas.
Garrett, Potsie	Coleman, Texas.
Gates, Creel	Wichita Falls, Texas.
Gorton, Chas. R.	Dallas, Texas.
Gorton, Mrs. Chas. R.	Dallas, Texas.
Green, Vera	Slaton, Texas.
Hale, Wm.	Fort Worth, Texas.
Hall, James T.	Fort Worth, Texas.
Halsell, Franklin	Fort Worth, Texas.
Halsell, John R.	Fort Worth, Texas.
Harvey, A. O., Jr.	Fort Worth, Texas.
Hermaize, Elizabeth	Fort Worth, Texas.
Hewlett, Mary Addie	Bonham, Texas.
Hill, Laura E.	Fort Worth, Texas.
Hollifield, Wm. F.	Fort Worth, Texas.
Hooten, Florine	Grandbury, Texas.
Hovencamp, Halcie	Keller, Texas.
Huddleston, Juanita	Comanche, Texas.
Huffman, Adra	Fort Worth, Texas.
Jack, Clyde	Fort Worth, Texas.
Jackson, Bertha	Fort Worth, Texas.
Jackson, Doris	Fort Worth, Texas.
Jenkins Mayme	Menard, Texas.
Jenkins, Violet	Fort Worth, Texas.
Johnson, Annis	Montalba, Texas.
Johnson, Clay, Jr.	Fort Worth, Texas.
Johnson, Morris	Chico, Texas.
Keeble, Leon, Jr.	Fort Worth, Texas.
Kincaid, Willis M.	Fort Worth, Texas.
Lamb, Thos.	Fort Worth, Texas.
McCampbell, Wm. A.	Fort Worth, Texas.
Linthicum, Mattie Lou	San Angelo, Texas.
Little, Genevieve	Fort Worth, Texas.
Lloyd, Ruth	Blooming Grove, Texas.
Lock, Georgia	Fort Worth, Texas.
Lucas, Manuel	Fort Worth, Texas.
Major, Townes	Fort Worth, Texas.
Martin, Cecil	Junction, Texas.
Mastin, Jim	Fort Worth, Texas.
McAfee, Cecil	Cisco, Texas.
McDermott, Carl	Eastland, Texas.

OTHERS (Continued)

McDuff, Bert	Lillian, Texas.
McFaul, Iva	Fort Worth, Texas.
Miller, Lucile	Crawford, Texas.
Moore, Fred	Valentine, Texas.
Moore, Lucy	Valentine, Texas.
Newsom, Irma Jewell	Fort Worth, Texas.
Nicholson, Frank	Wichita Falls, Texas.
Parker, Morris W.	Dallas, Texas.
Parnell, Fred Vernon	Chico, Texas.
Payne, Ruth	Decatur, Texas.
Penny, Roy L.	Fort Worth, Texas.
Phebus, Helen	Eastland, Texas.
Phebus, Walter	Eastland, Texas.
Pollay, Sherman P.	Chicago, Illinois.
Price, Jerry Clay	Gainesville, Texas.
Raef, Mildred	Fort Worth, Texas.
Record, Marjorie	Des Moines, New Mexico
Reeder, Alton	Amarillo, Texas.
Richey, Eleanor	Shreveport, Louisiana.
Rigney, Ione	Leonard, Texas.
Roan, Jewell	Ladonia, Texas.
Roberts, John C.	Fort Worth, Texas.
Robertson, Earl	Fort Worth, Texas.
Rollins, Levy J.	Gillis, Louisiana.
Rutledge, Chas.	Fort Worth, Texas.
Schimmel, Glen	Fort Worth, Texas.
Scott, Winfield	Fort Worth, Texas.
Shell, Temple	Wichita Falls, Texas.
Shelley, J. Edwin	El Paso, Texas.
Shurtleff, Alton	Mt. Vernon, Texas.
Smith, Elmer E.	Breckenridge, Texas.
Snow, Joel B.	Memphis, Texas.
Spiller, Flora May	Menard, Texas.
Spiller, Mary	Menard, Texas.
Stokes, Jewell Katherine	Memphis, Texas.
Stribling, Helen	Fort Worth, Texas.
Tidwell, Harris	New Boston, Texas.
Tidwell, Morris	New Boston, Texas.
Turner, Richard	Fort Worth, Texas.
Walker, Raymond F.	Cisco, Texas.
Watkins, Ellis	Leonard, Texas.
Watson, F. M., Jr.	Fort Worth, Texas.
Welburn, Byron	Fort Worth, Texas.
Wells, Rosalie	Fort Worth, Texas.
Wetzel, John	Fort Worth, Texas.
Whitley, Ollie	Keller, Texas.
Williams, Warren	Fort Worth, Texas.
Winfrey, John M.	Fort Worth, Texas.
Windham, Viola	Fort Worth, Texas.

SUMMARY.

COLLEGE OF ARTS AND SCIENCES.		Men	Women	Total	
Graduate Students	11	3	14		
Senior Students	28	26	54		
Junior Students	19	20	39		
Sophomore Students	56	48	104		
Freshmen Students	161	138	299		
Total Regular	275	235	510		
Special Students	11	25	36		
Total COLLEGE OF ARTS AND SCIENCES	286	260	546		546
BRITE COLLEGE OF THE BIBLE.					
Total Ministerial Students.....					
All classified elsewhere.	53	14	67		
Number Students Taking at Least One Bible Course	143	155	298		
SCHOOL OF FINE ARTS.....	42	174	216		
Less classified elsewhere.....			115		101
SCHOOL OF HOME ECONOMICS	1	29	30		
All classified elsewhere.					
TOTAL NET ENROLLMENT OF THE UNIVERSITY.....					
ACADEMY	82	49	131		647
Total, including Academy.....					778

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