

# TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

## CATALOGUE 1922-1923

WITH ANNOUNCEMENT OF COURSES

FOR 1923-1924

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 men."*

*—Luke 1:52.*

# CALENDAR

## SESSION OF 1923-24.

### Summer Term 1923

Summer Term Opens.....	June	11
First Semi-Term Closes.....	July	20
Second Semi-Term Begins.....	July	23
Second Semi-Term Closes.....	August	31

### Fall Term 1923

Entrance Examinations .....	September 13, 14, 15.
Enrollment for Fall Term.....	September 13-15, 17, 18.
First Meeting of Classes.....	Thursday, September 20.
Formal Opening Exercises .....	Friday, September 21.
Convocation Sermon .....	Sunday, September 23.
Mid-Term Fall Examinations .....	November 2, 3.
Thanksgiving Holidays .....	November 29, 30, Dec. 1.
Final Fall Examinations .....	December 17, 18, 19, 20.
Fall Term Closes .....	December 20.

### Winter Term 1924

Winter Term Enrollment, Old	
Students .....	December 17, 18, 19, 20.
Winter Term Enrollment, New	
Students .....	December 31, Jan. 1, 2.
Winter Term Begins .....	Wednesday, January 2.
First Meeting of Classes .....	Thursday, January 3.
Mid-Term Examinations .....	February 8, 9.
Board of Trustees, Annual Meet- ing.....	February 12.
Washington's Birthday Program, Holiday.....	February 22.
Winter Term Final Examinations.....	March 12, 13, 14, 15.
Winter Term Ends .....	March 15.

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**Spring Term 1924**

Spring Term Enrollment.....March 13, 14, 15, 17.  
Spring Term Begins .....March 17.

**Commencement Season 1924**

Joint Session of the Literary So-

cieties.....Friday, May 23.  
Recital, Fine Arts Department.....May 28, 29.  
Baccalaureate Sermon .....June 1, 11 a. m.  
Trustees Meeting .....Monday, June 2.  
Class Day Exercises .....Monday, 7 p. m., June 2.  
Commencement Exercises .....Tuesday, June 3, 10 a. m.  
Alumni Reunion and Banquet.....Tuesday, June 3.  
Spring Examinations, Final .....June 2, 4, 5, 6.

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Summer Term Opens .....June 9.  
Summer Term Closes .....August 29.

## BOARD OF TRUSTEES

## EXECUTIVE BOARD

## 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

Charles Wheeler.....	Fort Worth, Texas
H. R. Ford.....	Houston, Texas
S. J. McFarland.....	Dallas, Texas
D. G. McFadin.....	Waco, Texas
H. W. Stark.....	Gainesville, Texas
L. C. Brite.....	Marfa, Texas

## Term Expires 1926

H. H. Rogers.....	San Antonio, Texas
S. P. Bush.....	Allen, Texas
L. D. Anderson.....	Fort Worth, Texas
R. S. Sterling.....	Houston, Texas
W. W. Mars.....	Fort Worth, Texas

## Term Expires 1927

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

## Officers of Board

S. J. McFarland.....	President
H. W. Stark.....	Vice-President
R. M. Rowland.....	Attorney
B. S. Smiser.....	Secretary

## BOARD OF TRUSTEES

## ADVISORY MEMBERS—TERM ONE YEAR

C. W. Bacon	Abilene, Texas.
H. M. Bandy	Alpine, Texas.
Mrs. Lee Bivens	Amarillo, Texas.
W. A. Brooks	Forney, Texas.
W. H. Bush	Greenville, Texas.
Randolph Clark	Stephenville, Texas.
Mrs. J. B. Davis	Fort Worth, Texas.
H. M. Durrett	Fort Worth, Texas.
A. E. Ewell	Galveston, Texas.
Graham Frank	Dallas, Texas.
J. W. Gates	Coleman, Texas.
H. C. Garrison	Austin, Texas.
Mrs. Quincy Getzendaner	Waxahachie, Texas.
Dr. R. H. Gough	Fort Worth, Texas.
Chas. Halsell	Bonham, Texas.
James Harrison	Fort Worth, Texas.
Mrs. A. A. Hartgrove	Millerview, Texas.
L. B. Haskins	Dallas, Texas.
Mrs. H. B. Herd	Fort Worth, Texas.
E. H. Holmes	Cisco, Texas.
C. C. Huff	Dallas, Texas.
Mrs. Ida V. Jarvis	Fort Worth, Texas.
Walter P. Jennings	Texarkana, Texas.
John L. Keevil	Wichita Falls, Texas.
J. W. Kerns	Waco, Texas.
William Kilgore	Gainesville, Texas.
Mrs. V. A. King	Greenville, Texas.
Hugh McLellan	San Antonio, Texas.
Graham McMurray	Greenville, Texas.
Chalmers McPherson	Fort Worth, Texas.
F. W. O'Malley	Bonham, Texas.
W. W. Phares	Dallas, Texas.
T. S. Reed	Beaumont, Texas.
C. B. Reeder	Amarillo, Texas.
W. D. Ryan	Houston, Texas.
Cephas Shelburne	Sherman, Texas.
T. E. Shirley	Hereford, Texas.
J. W. Underwood	Fort Worth, Texas.
Gen. K. M. Van Zandt	Fort Worth, Texas.
Clifford Weaver	McKinney, Texas.
Mrs. J. N. Winters	Fort Worth, Texas.
Dr. S. A. Woodward	Fort Worth, Texas.
L. N. D. Wells	Dallas, Texas.

## STANDING COMMITTEES OF THE TRUSTEES

## Executive

S. J. McFARLAND, *Chairman Ex-Officio*  
 DR. BACON SAUNDERS, *Chairman Pro Tem*  
 L. D. ANDERSON VAN ZANDT JARVIS  
 CHAS. WHEELER H. W. STARK  
 W. W. MARS

## Finance

CHAS. WHEELER, *Chairman*  
 DAVID REED ANDREW SHERLEY  
 T. E. TOMLINSON VAN ZANDT JARVIS

## Buildings and Grounds

W. W. MARS, *Chairman*  
 R. S. STERLING L. C. BRITE  
 S. P. BUSH H. R. FORD

## Auditing

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

## Faculty

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

## Endowment Funds

S. J. McFARLAND, *Chairman*  
 ANDREW SHERLEY VAN ZANDT JARVIS  
 DAVE C. REED

## ADMINISTRATIVE OFFICERS

E. M. WAITS.....*President*  
 COLBY D. HALL.....*Dean*  
 B. S. SMISER.....*Business Manager*  
 R. A. SMITH.....*Secretary of the Faculty*  
 NELL ANDREW.....*Librarian*  
 LILLIAN DURRETT.....*Registrar*  
 DR. J. H. SEWELL.....*Medical Director*  
 MRS. SADIE BECKHAM.....*Lady Principal*  
 MRS. ANNA S. RATLIFF.....*Asst. Lady Principal*  
 EDWIN E. ELLIOTT.....*Supervisor of Men*



# 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.*

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.  
Chairman of Science Departments.*

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.*

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

*Professor of Philosophy and Psychology.*

A. J. HARGETT, A. B., A. M. (Transylvania); A. M. (U. of Colo.).

*Professor of Mathematics.*

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 Government.  
Chairman of Social Science Departments.*

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Arranged in groups: First, Professors, then Associates, Assistants, Instructors. Arrangement is in order of the date of beginning of service. The Colleges are given first, then the Schools.

\* Deceased June, 1922.

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

*Professor of Religious Education. Brite College of the Bible.*

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

*Professor of Chemistry and Physics.*

GEORGE D. DAVIDSON, A. B. (Johns Hopkins); Ph. D. (U. of Va.).

*Professor of Spanish.*

R. MARCH MERRILL, A. B. (Williams); A. M. (U. of Calif.).

*Professor of French and German.*

ROBERT EVANS SHEPPARD, A. B. (Southern C. C.); A. M. (Vanderbilt); B. D. (Vanderbilt).

*Professor of Sociology and Economics.*

LUCIAN G. HICKMAN, A. B., A. M. (Indiana Univ.).

*Professor of English.*

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

*Associate Professor of English.*

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

*Associate 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.).

*Assistant Professor in Geology.*

HORTENSE WINTON

*Laboratory Instructor in Biology, and Curator of Museum.*

JOHN WOODARD, A. B. (T. C. U.).

*Instructor in Elementary Education.*

RAY M. CAMP, A. B. (T. C. U.).

*Instructor in English.*

BENJAMIN H. HILL

*Instructor in Biology.*

RILEY AIKEN, A. B. (T. C. U.).

*Instructor in Spanish.*

EULA BURTON PHARES, A. B. (S. M. U.); A. M. (Chicago U.).

*Instructor in Latin and English.*

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*Instructor in Physical Training.*

J. C. ROBERTS,

*Instructor in Physical Training.*

LEON JONES, A. B. (T. C. U.).

*Instructor in Chemistry.*

MILTON HARVEY MOORE, A. B. (T. C. U.).

*Superintendent Fort Worth Schools; Lecturer in Educational Administration.*

DOUGLAS TOMLINSON, A. B., (T. C. U.); L. L. B. (U. of Tex.); Grad. Student Columbia U. School of Journalism.

*President and Founder of the All-Church Press.  
Lecturer in Journalism.*

STOCKTON AXSON, Ph. D.

*Prof. of English in Princeton University and Rice Institute; Annual Lectures on English.*

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

*Professor of Art.*

HENRY D. GUELICK, A. B. (Northwestern Coll.); B. M. (Grand Conserv.); D. M. (U. of St. N. Y.).

*Professor of Piano and Theory, and Head of Music Department.*

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*Professor of Spoken Word.*

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*Instructor in Piano.*

CHARLOTTE OUSLEY, A. B. (C. I. A.).

*Professor of Home Economics.*

MARY ELIZABETH MOUTRAY,

*Instructor in Voice.*

BERNICE CARLETON, B. Mus. (Am. Cons.).

*Professor of Violin and Assistant in Theory.*

## COMMITTEES OF THE FACULTY

- Classification and Curriculum.** Dean Hall, Chairman.  
Professors Lockhart, Winton, Lord, Roberts.
- Publication.** Professor Roberts, Chairman.  
Dean Hall, Mr. Smiser, Professor Sheppard.
- Library.** Dr. Davidson, Chairman.  
Miss Smith, Miss Nell Andrew, Dr. Lockhart.
- Recommendation of Teachers.** Professor R. A. Smith, Chairman.  
Professors Roberts, Hargett.
- Chapel.** President Waits, Chairman.  
Professors Hargett, Tucker, Guelick.
- Public Speaking.** Professor Lord, Chairman.  
Professors Davidson, Hickman.
- Athletics.** Professor McDiarmid, Chairman.  
Professors Scott, Lord, Mr. Smiser.
- Lectures.** Miss Major, Chairman.  
Miss Andrew, Mr. Hogan, Professor Hickman.
- Literary Societies.** Professor Hargett, Chairman.  
Professors Lockhart, Merrill.
- Student Government.** Professor Dunlavey, Chairman.  
Professors Hogan, Lord, Mrs. Beckham, Mr. Elliott.
- Social Calendar.** Mrs. Beckham, Chairman.  
Professors Scott and Merrill, Mr. Elliott, and President of Student Body.
- Student Advisers.** Professor Winton, Pre-medics.  
Professor Lord, Pre-legal.  
Professor Smith, Teachers.  
Miss Smith, Journalism.  
Professor of Major Department, for Seniors and Juniors.  
Professor Roberts, Freshman.  
Professor Ballard, Business Admin.

# INTRODUCTION

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## HISTORICAL

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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 sectarian 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.

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

On the evening of March 22, 1910, the Main Building of the University burned, depriving the School of class rooms, Library, museum, chapel and much valuable furniture, besides the rooms of the young men 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.

About 1912, the leading colleges of Texas joined in organizing the Association of Texas Colleges. T. C. U. was active in this effort, being a charter member, in harmony with its policy to maintain within and to encourage without, the best educational standards.

After this date, as the importance of recognized standards increased in the educational world, every

effort was made to hold to such standards of excellence as would merit the recognition by the highest classifying bodies, and other agencies of prestige in the college world. This policy called for some changes and sacrifices, especially in view of the mounting costs of education. The Medical Department which had been adopted in 1911, was closed in 1918; and the Law Department was dropped in 1920; both because the limited finances made it possible to maintain these schools only in a second class way. Rather than offer any work of inferior quality these departments were sacrificed wholly.

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

This policy of offering only the best won the recognition desired. The Association of American Colleges elected T. C. U. to membership in 1921; the General Education Board after inspection, in 1921, approved by granting \$10,000 a year for two years for increasing teachers' salaries. In 1922 the Association of Colleges and Secondary Schools of the Southern States admitted T. C. U. to membership. This is the body possessing the organization and machinery for the full testing of colleges, and is universally recognized as the official authority for rating the colleges in the Southern States.

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

The year 1923, marking the completion of a half century of continuous session of the School, became the natural time for a great goal and a notable celebration. The goal set and attained, financially, is the clearing of all debts (accumulated by a fast building record) and the accumulation of \$500,000 in Endowment. Those making the larger gifts on the Debt Fund, and thus enabling the campaign to succeed are: Dave Reed, \$25,000; M. H. Reed, \$25,000; Harry H. Rogers, \$25,000; Ross Sterling, \$25,000; Mike H. Thomas, \$25,000; Citizens of Fort Worth, \$50,000, and others for amounts less.



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## MILESTONES OF HISTORY

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- 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.  
 1912—Becomes a charter member of the Association of Texas Colleges.  
 1913—Clark Hall completed.  
 1914—Brite College of the Bible founded, Brite Hall added.  
 1914—Trustees voted to abolish the Academy, gradually.  
 1915—School of Law inaugurated.  
 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.  
 1921—Recognition and aid by the General Education Board.  
 1921—Elected to membership in the Association of American Colleges.  
 1922—Elected to membership in the Association of Colleges and Secondary Schools of the Southern States.  
 1923—June; Jubilee celebration of the 50th anniversary of the founding of the school; \$500,000 Endowment.

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## AMENDED CHARTER OF TEXAS CHRISTIAN UNIVERSITY

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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 influences, 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 purpose 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: (Names 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

The aim for the near future is an Endowment Fund of \$1,000,000. A rapid building program within the past twelve years has delayed the accumulation of Endowment. Now that a campaign for the clearance of all debts is about completed, and will be concluded at The Jubilee Celebration, June, 1923, the Endowment Campaign can be completed.

At this date the Endowment Fund totals \$500,000. The following are the larger gifts that have made this

fund possible: L. C. Brite, \$25,000; Mrs. Ida V. Jarvis, \$60,000; Andrew Sherley, \$100,000; Dave Reed, \$100,000; H. W. Stark, \$25,000; T. S. Reed, \$10,000; Dr. S. D. Moore, \$5,000; Ross Sterling, \$100,000.

These endowment funds are controlled by a committee composed of S. J. McFarland, Andrew Sherley, and Van Zandt Jarvis.

### Standard 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 early 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 tried faithfully 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.

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

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

The Association of Texas Colleges.

The Association of Colleges and Secondary Schools

of the Southern States; which itself provides for recognition by

The American Council on Education.

The American Association of Colleges.

The National Education 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 a 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 philanthropic 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 elevation offers a commanding view of the city and large vistas of the surrounding country.

The business interests of the city of Fort Worth are heartily supporting the University, as is evidenced by their financial support in recent campaigns and in the personal helpfulness of a number of the Luncheon Clubs, notably, the Lions Club, the Kiwanis Club, the Rotary Club, and others, and especially, the Chamber of Commerce.

### Buildings

The Administration Buildings is a massive, four-story structure, built of re-enforced concrete through-

out, 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 Y. M. C. A. rooms, games, etc., also dormitories for visiting teams and quarters for the local squad. One section of this floor is devoted to the machinery for aerating the water system in the big swimming pool. Machinery is installed by which this water can be purified by the ultra-violet rays system.

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 also contains the lockers, baths, rooms for secretaries and physical examiners, and the 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 affords opportunity for individual experiment and investigation in the fields of Chemistry, Physics, Biology and Geology. The laboratories are housed in the ground floor of Clark Hall. 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 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 topography, a complete set of large relief maps and other teaching accessories.

The laboratories for **Chemistry** 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.

The **Library** of Texas Christian University has been developed under the supervision of the same Librarian, Miss Nell Andrew, since its re-founding in 1910 after the old library had been destroyed by fire in that year. By generous donations of friends, and annual appropriations of funds, a well chosen collection of 17,000 volumes has been accumulated, in addition to 9,856 Government Documents, totaling 26,856 volumes. The Dewey System of Classification is used. Three full-time, trained librarians are employed besides some student assistants.

The zest for developing a Library of large proportions, and of unusual merit, prevails, and is encouraged by the possession of several special features. Among these are a complete bound file of "Science," old and new series; a fine collection of "Texas Geology," and "Petroleum"; a classic Library of Greek and Latin Literature, a memorial gift of L. C. Strange of Temple;

The **Reading Room** of the Library was more than doubled in capacity during the past session, to meet the growing needs. An annual appropriation provides a generous list of the current, scientific, literary, and other magazines. The book stocks are in the basement floor of the Main Building; also in an additional room in the Brite Building.

### A Christian School

**Christian Influences.** Every person, without respect to creed or faith, is free to study in Texas Christian University, and no restraints will be placed upon his freedom of thought or opinion. But the ideals of the school are distinctively and positively Christian. Avoiding any semblance of sectarian spirit, and maintaining thorough academic freedom in 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 Opportunities.** The University Christian Church maintains a regular local congregation, with a full-time pastor caring for the direction of the spiritual life of the students, faculty and residents of the University Community. The regular Bible School and worship are conducted in the Chapel of the University and the Brite Chapel. As financial conditions improve, a new adequate church building will be secured, through the generosity of Mr. and Mrs. A. C. Parker of Dallas.

The city of Fort Worth has a number of large, active, attractive churches, where the students are encouraged to attend as they find it convenient to go to the city on Sunday. Recent years have marked Fort Worth as a city peculiarly fortunate in the great influence of its churches on the whole civic and public life. In a recent Easter Evangelistic Community effort, every church of every faith in the city joined, all clubs helped to advertise it, all other meetings that would interfere were postponed, and the merchants allowed their clerks an hour of absence to attend the day meetings. Fort Worth has become an outstanding church city.

#### **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 a large and most attractive room was 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 members 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 the Chairman of the Committee,

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## STUDENT ORGANIZATIONS

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### 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 rooms 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 clannishness and troublesome distinctions. Careful investigation and much experience convince the University authorities that such societies are not conducive to 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 \$10.00.

Any Intercollegiate 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.

**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 intercollegiate contests work worthy of T. C. U., the following regulations are adopted:

1. At least three weeks prior to the date of an oratorical contest the contestant shall hand in his unsigned manuscript in quadruplicate, to the head of the Department of English for approval. The name of the contestant shall be written on a separate slip of paper and attached to the manuscript. A manuscript which is not acceptable may be revised and re-submitted, provided it be done no later than two weeks prior to the date of the contest.

2. The privilege of wearing the letter T is an honor bestowed upon a student who wins a place on an intercollegiate debating team and represents the school in the debate, or wins first place in the State Oratorical preliminary.

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

4. No student shall draw prize money that is offered by the school while in arrears at the business office.

5. The spending of the Oratorical Fund shall be done on the budget system, the general amount 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.

6. All oratorical, declamatory, and debating contests shall be under the supervision of the Public Speaking Committee of the Faculty. All judges for the contests shall be selected by this Committee, but the Oratorical Association may submit a list of names for consideration.

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

8. **Judges.** In all contests there shall be three judges. Decisions shall be rendered as follows: Each judge shall list in order of merit the winners of places 1, 2, 3, etc. up to number of places indicated in instructions. The committee waiting on the judges shall compile the results of the balloting by applying to each list the following assigned grades. First place 95%, second 90%, third 85%, fourth 80%, etc.; and the winners of the contest shall be announced in the order of their final percentages.

9. The following points shall furnish the basis for deciding the merits of the contestants:

<b>Declamatory:</b>	(a) Platform appearance .....	25%
	(b) Delivery .....	25%
	(c) Effectiveness .....	50%
<b>Oratorical:</b>	(a) Platform appearance .....	25%
	(b) Delivery .....	25%
	(c) Subject matter and effectiveness.....	50%
<b>Debate:</b>	(a) Delivery .....	25%
	(b) Argumentation .....	75%

The intercollegiate debates and contests will be governed by the contracts between the contesting schools.

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

1. In all tryouts for debate there will be a rebuttal of five minutes.

## 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 on 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 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 entitles the student to a credit of \$117.00 on Literary tuition.

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 entitles the student to a credit of \$117.00 on Literary tuition.

**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 30.

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, and \$10.00 to the second best.

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

3. **The Bryson Poetry Prize.** Mrs. Walter E. Bryson offers a prize of Twenty Dollars for the best poem written by an undergraduate student in Texas Christian University during the session of 1923-24. Final manuscript must be in by April first. A poem must attain a certain acceptable standard to be considered in the contest. This prize was offered during the lifetime of Prof. Walter E. Bryson, Head of the English Department, by himself and wife, and is now continued by his wife, in his memory.

## 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.

At any time these demerits may be turned into a reduction of credits. At the discretion of the Student Welfare Committee and the Dean, for numerous demerits, one, two, or more term-hours may be subtracted from the student's Permanent Record.

**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.

**Chapel.** All students, both resident in the College community and in the city, are required to attend 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.

### Dormitory Regulations

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 expected 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 commun-

ions 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.

**Smoking** is forbidden anywhere on the Campus or about the Buildings, except in the students' own living rooms. This rule is made for the boys. Girls who desire to smoke are undesirable students and will not be admitted or retained.

**Gymnasium.** All students 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.** Dormitory 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. Exceptions 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.

**Furnishings 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. No dishes are allowed to be taken from the dining room. Only one 100-watt 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, (except 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.

## ATHLETICS AND PHYSICAL TRAINING

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

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

Now that the new Gymnasium is in operation, it has become possible to carry out fully this long cherished ideal.

For some time this has been working with great success. A competent gentleman for the boys and a competent woman for the girls are employed as Gymnasium instructors. Each student is assigned to a Gymnasium section and required to attend three hours a week. The work consists of calisthenics, swimming, tennis, and ball of the various kinds, all under trained instructors.

**Organization of Athletics.** The Faculty of the University is a unit in favoring clean, wholesome athletics, untainted by tempting commercialism, and made subsidiary to the main purpose of a full education. The authority for control lies in the Faculty, operated through its Athletic committee, of which Prof. E. W. McDiarmid, Head of the Philosophy Department, is the Chairman.

An experienced business man, Mr. L. C. Wright, devotes his entire time to the supervision and management of all Athletics, including the Gymnasium, as Director of Athletics. Competent Coaches are engaged for each of the major sports. For several years Mr. Wm. Nance has successfully coached Baseball.

The School is a member of the Texas Intercollegiate Athletic Association, and the Southwestern Conference

on Athletics. All games are played under the regulations of these Associations. Freshmen may not play in Intercollegiate games, but full attention is given to coaching them, for their own development, and the building of the future team.

The scholarship rules are checked through the Dean's office, a report being made on the grade of each athlete every two weeks. To be eligible the student must be a regular student (not a "special"), must be enrolled for at least 14 hours, passing at the time in ten hours, and must have passed the previous term in ten hours.

### 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 these 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 all of these lecturers in advance, but the list of those secured in the last few years gives assurance of the high value of these lecturers to the students.

Dr. Stockton Axton, of Princeton University and Rice Institute, has given a series annually for several years.

During the past session a series of Texas Lecturers was arranged by the Lectures Committee. This series

included from the T. C. U. Faculty, Dr. Lockhart, Dr. Lord, Prof. Winton, who proved to be lecturers of the highest order. It also included the Texas poet, Karle Wilson Baker.

## ORGANIZATION OF THE UNIVERSITY

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

The history of the school shows that two professional colleges, Medicine and Law, were undertaken and later abandoned. This was done upon the principle that any work offered must be given up to the highest standards. The expense of these two colleges under modern conditions came to be too high for the resources of the school, if the work was to be standard. Since they were closed all the resources are concentrated on the departments now maintained. As new resources are secured other colleges will be added.

The present Divisions of Texas Christian University are:

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

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

### Degrees

The Add-Ran College of Arts and Sciences confers the degree of Bachelor of Arts, Bachelor of Science,



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Bachelor of Business Administration, equivalent in rank. Under a number of restrictions, the degree of Master of Arts is also conferred.

The Brite College of the Bible confers the degree, Bachelor of Divinity, and the Master of Arts in Religious Education, and some Diplomas for specialized courses.

The School of Fine Arts, until the past session, has declined to grant degrees, issuing Diplomas and Certificates only. Now, however, the standards of music teaching have become more generally recognized so as to make a degree mean something worthy; and the facilities for offering such work in this School have been so brought up, that the degree of Bachelor of Music is now offered.

No honorary degrees are ever conferred.

# ADD-RAN COLLEGE OF ARTS AND SCIENCES

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## Relation to the University

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

## Entrance Requirements

**Character and Pledge.** To be admitted, the student must be of good moral character and must present a transcript of credits from the last school attended including an honorable dismissal. By the act of accepting membership in the University, the student pledges himself to refrain from participating in or giving encouragement to any form of hazing or class rushing, or any secret society, or fraternity within the school; also he thereby pledges allegiance to the Student Honor System.

**Admission** to the College requires either (1) graduation from an approved High School (or other Secondary School) with at least 15 units, or (2) examination in at least 15 units, passed successfully; or (3) in case of persons 21 years of age, by "individual approval" without examination.

**Unconditional Admission.** To be admitted without condition, the student must present by graduation or by examination, 15 units of affiliated High School work, which must include four (4) elective, and eleven (11) prescribed units, as follows:

English .....	3 units
Algebra .....	2 units
P. Geom. ....	1 unit
History and Civics.....	2 units
One Foreign Language...	2 units
Science with Laboratory .	1 unit

The electives may be chosen from the list of subjects accepted for affiliation by the State Department of Education; but not more than four units will be accepted in Vocational subjects, nor more than two in music.

**Conditional Admission.** A student who is a graduate of a secondary school, and has 15 units, but some of whose units are not acceptable, may be admitted, conditioned on making up enough acceptable units to the 15; or if he lacks the required amount of prescribed subjects, History, Foreign Language, or Science, he may be entered, conditioned on bringing these up. But a student will not be entered on less than 15 units.

**Removing Conditions.** The conditions must be removed before the student enters the Sophomore year; except that if the condition is two units in Foreign Language, he may have two years for removing it. If for any reason a student delays making up a condition past the time stated, three additional term-hours will be exacted for graduation for each unit delayed a year, and double for two years.

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.

If the condition is in Science, it may be removed by electing an extra course in Science in College; if the student has the 15 units without this, it need not be counted back as entrance unit.

### MODES OF ADMISSION

(a) **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.

(b) **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.

The College entrance examinations, conducted by the State Department of Education are accepted.

(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. 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.

For students who attended the Normals since 1913-14, 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 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 examination 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 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 1923 are September 13, 14, 15.

**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.

AFFILIATION OF SECONDARY SCHOOLS.

Through the State Department of Education the following schools are affiliated, in the number of units named, and the subjects affiliated will be accepted from the graduates of these schools without examination. The list is dated Aug. 1, 1922, but students entering will be credited by the latest report from the Department.

Abernathy .....	6	Carthage .....	17
Abilene .....	33	Celeste .....	9½
Alba .....	9½	Celina .....	13
Albany .....	16½	Cement City .....	7
Alice .....	22	Center .....	19½
Alpine .....	19½	Childress .....	22½
Alto .....	16½	Chillicothe .....	14
Alvarado .....	9	China .....	3½
Alvin .....	21½	Cisco .....	27
Alvord .....	8	Clarendon .....	23½
Amarillo .....	34½	Clarksville .....	21½
Angleton .....	14	Claude .....	17½
Anson .....	14	Cleburne .....	33
Aransas Pass .....	19	Clifton .....	19
Archer City .....	12	Coleman .....	28
Arlington .....	16½	College Station .....	13½
Aspermont .....	13	Colorado .....	19
Athens .....	21½	Columbus .....	15½
Austin .....	45	Comanche .....	21½
Baird .....	16½	Commerce .....	19
Ballinger .....	17	Conroe .....	20
Bardwell .....	14	Cooledge .....	22
Barstow .....	8	Cooper .....	24
Bartlett .....	24½	Corpus Christi .....	35
Bastrop .....	16½	Corsicana .....	27½
Bay City .....	22	Cotulla .....	15½
Beaumont .....	35½	Crawford .....	11
Beeville .....	19	Crockett .....	19
Bellville .....	19	Crosbyton .....	16½
Belton .....	28	Crowell .....	17
Bertram .....	13	Crystal City .....	7½
Blg Springs .....	30	Cuero .....	28
Bishop .....	18	Daingerfield .....	13
Blessing .....	2	Dalhart .....	18
Blooming Grove .....	7½	Dallas H. Schools .....	43½
Blossom .....	14	Dayton .....	13½
Boerne .....	11½	Decatur .....	12½
Bogata .....	5½	Dekalb .....	4½
Bonham .....	26	De Leon .....	24
Bowie .....	11	Del Rio .....	23½
Brackettville .....	14½	Denison .....	35½
Brady .....	21	Denton .....	27½
Breckenridge .....	16	Deport .....	9
Bermond .....	15	Desdemona .....	6
Brenham .....	27½	Devine .....	20
Bridgeport .....	12	Diamond Hill .....	21
Brownsville .....	25	Diboll .....	7½
Brownwood .....	30½	Dilley .....	6½
Bryan .....	24½	Donna .....	27
Buda .....	8	Dublin .....	20½
Bullard .....	14	Eagle Lake .....	21
Burkburnett .....	20½	Eagle Pass .....	17
Burnet .....	14	Eastland .....	19
Caldwell .....	20½	Edgewood .....	12
Calvert .....	24½	Edinburg .....	26
Cameron .....	23	Edna .....	18
Canadian .....	24	El Campo .....	18
Canyon .....	12½	Eldorado .....	14
Carrizo Springs .....	19	Electra .....	27

Elgin .....	15½	I. O. O. F. Home.....	13½
El Paso .....	40½	Iowa Park .....	17
Ennis .....	26½	Italy .....	17½
Falfurrias .....	11	Itasca .....	19
Farmersville .....	23½	Jacksboro .....	18
Ferris .....	21½	Jacksonville .....	23½
Flatonia .....	19	Jasper .....	20½
Floresville .....	16½	Jefferson .....	17
Floydada .....	18	Joaquin .....	6½
Forney .....	17	Jourdanton .....	13½
Fort Stockton .....	28½	Junction .....	12
Ft. Worth H. Schools.....	40	Karnes City .....	13½
Franklin .....	15	Kaufman .....	21½
Fredericksburg .....	17½	Kenedy .....	16½
Freeport .....	14½	Kerens .....	18
Frisco .....	15½	Kerrville .....	17
Frost .....	14	Killeen .....	17½
Gainesville .....	25	Kingsville .....	19
Galveston .....	35½	Kirbyville .....	17½
Garland .....	15½	Knox City .....	9½
Garrison .....	13	Kosse .....	9½
Gatesville .....	21	Kyle .....	17½
Georgetown .....	24	Ladonia .....	12½
Giddings .....	17	La Grange .....	22½
Gilmer .....	20	Lampassas .....	18
Goldwithe .....	17½	Lancaster .....	20
Goliad .....	10½	La Porte .....	16½
Gonzales .....	21	Laredo .....	26
Goree .....	7½	Leonard .....	18
Gorman .....	15	Lewisville .....	10
Graham .....	24½	Liberty Hill .....	10
Granbury .....	15½	Lindale .....	10
Grand Prairie .....	16	Livingston .....	24½
Grand Saline .....	17	Llano .....	21½
Grandview .....	13½	Lockhart .....	22
Granger .....	25	Lockney .....	15
Grapeland .....	13½	Lometa .....	2
Grapevine .....	14½	Lone Oak .....	9
Greenville .....	29½	Longview .....	30½
Groesbeck .....	19	Lorena .....	17½
Groveton .....	16½	Lott .....	13½
Hale Center .....	4½	Lovelady .....	6
Hallettsville .....	18	Lubbock .....	29
Hamilton .....	20	Lufkin .....	28½
Hamlin .....	15	Luling .....	16½
Handley .....	17	McAllen .....	28½
Harlingen .....	21	McGregor .....	23
Harrisburg .....	22	McKinney .....	36½
Haskell .....	21½	McLean .....	16½
Hearne .....	20½	Mabank .....	10
Hedley .....	3½	Madisonville .....	18
Hemphill .....	11	Manning .....	6
Hempstead .....	17½	Mansfield .....	14½
Henderson .....	23	Marble Falls .....	15½
Henrietta .....	22½	Marfa .....	19½
Hereford .....	20	Marlin .....	33½
Hico .....	17	Marshall .....	34½
Higgins .....	6	Mart .....	22½
Hillsboro .....	30½	Mason .....	23½
Holland .....	14	Masonic Home .....	28½
Hondo .....	16½	Matador .....	13½
Honey Grove .....	24½	Memphis .....	23½
Houston Hl. Schools.....	38	Menard .....	13
Hubbard .....	25	Mercedes .....	24
Humble .....	19½	Merkel .....	18
Huntsville .....	20	Mertzon .....	8
Hutto .....	15	Mesquite .....	3½



Mexia .....	29	Rotan .....	9
Miami .....	23½	Roxton .....	8
Midland .....	25	Royse City .....	19½
Midlothian .....	21	Rule .....	12½
Milford .....	16	Runge .....	19
Mineola .....	18	Rusk .....	20
Mineral Wells .....	25½	Sabinal .....	21
Mingus .....	3½	Saint Jo .....	9
Mission .....	21½	San Angelo .....	28
Moody .....	14½	San Antonio Hi. Schools.....	48½
Mount Calm .....	26½	San Augustine .....	20
Mount Pleasant .....	21½	San Benito .....	23
Mount Vernon .....	10	Sanderson .....	16½
Munday .....	10½	Sanger .....	15
Nacogdoches .....	26½	San Marcos .....	29
Naples .....	4	San Saba .....	18
Navasota .....	25½	Santa Anna .....	17½
Nederland .....	4½	Sealy .....	12½
New Boston .....	10	Seguin .....	17½
New Braunfels .....	23	Seymour .....	15½
Newton .....	7½	Shamrock .....	7½
Nixon .....	14½	Sherman .....	33½
Nocona .....	19½	Shiner .....	14½
Odessa .....	15½	Silsbee .....	16½
Olney .....	13½	Silverton .....	10½
Olton .....	4½	Sinton .....	19½
Orange .....	25	Slaton .....	12½
Ozona .....	20½	Smithville .....	19
Paducah .....	10½	Snyder .....	20
Palacios .....	15	Somerville .....	17½
Palestine .....	28½	Sonora .....	18
Palmer .....	13½	Sour Lake .....	27½
Pampa .....	19½	South Fort Worth .....	4
Panhandle .....	16	South Park .....	31
Paris .....	33	Spearman .....	6½
Pearsall .....	16½	Spur .....	4
Pecos .....	25½	Stamford .....	22½
Petrolia .....	16½	Stanton .....	11
Pharr-San Juan .....	22	State Orphan Home.....	15
Pilot Point .....	20	Stephenville .....	20½
Pineland .....	13½	Sterling City .....	16
Pittsburg .....	21	Stockdale .....	9
Plainview .....	26	Strawn .....	20
Plano .....	18	Sugarland .....	11
Pleasanton .....	14	Sulphur Springs .....	22
Polytechnic .....	19	Sweetwater .....	21½
Port Arthur .....	28½	Tahoka .....	13
Port Lavaca .....	15	Taylor .....	24½
Port Neches .....	9	Teague .....	23½
Post .....	16½	Temple .....	26
Quanah .....	22½	Teneha .....	11½
Ralls .....	13	Terrell .....	25
Ranger .....	21½	Texarkana .....	35
Raymondville .....	6½	Texas City .....	22½
Reagan .....	22	Texas Sch. for the Blind.....	14
Rice .....	8	Throckmorton .....	5½
Richland Springs .....	10	Thurber .....	17
Richmond .....	19	Timpson .....	24
Rio Hondo .....	6½	Trinity .....	17
Rising Star .....	4	Troup .....	13½
Robstown .....	16	Troy .....	12
Rockdale .....	19½	Tulla .....	19
Rockport .....	6½	Tyler .....	30½
Rocksprings .....	9	Uvalde .....	28
Rockwall .....	14	Valley Mills .....	11½
Rogers .....	17	Van Alstyne .....	19
Rosebud .....	21½	Vega .....	8½
Rosenberg .....	20½	Venus .....	9½

Vernon .....	27½	Whitesboro .....	22
Victoria .....	25	Whitewright .....	20½
Waco .....	35	Whitney .....	18½
Waelder .....	8½	Wichita Falls .....	35
Washington Hts. ....	4	Willis .....	7
Waxahachie .....	25	Wills Point .....	18
Weatherford .....	24½	Winnboro .....	21½
Weimar .....	5	Wolfe City .....	17
Wellington .....	15½	Woodville .....	4
West .....	16½	Wortham .....	16
West Dallas .....	9½	Yoakum .....	19½
Wharton .....	23½	Yorktown .....	17½

### 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, Books I to V, inclusive; 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; ½ or 1 unit.

4. Civil Government, including the elements of federal and state government; ½ unit. American History, ½ or 1 unit.

**English**—1. 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**—1. 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**—1. 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, including laboratory work.

**Physics.**—Work as covered by such a text as Carhart and Chute's High School Physics, or Gage's 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 the Old or New Testament with related historical facts in other ancient history;  $\frac{1}{2}$  unit each.

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

A—Agriculture, $\frac{1}{2}$ to 1	HN—Hyg. and Home Nurs. $\frac{1}{2}$
AA—Advanced Arithmetic, $\frac{1}{2}$	L—Latin, 2 to 4
AH—Ancient History, 1	MD—Mechan. Drawing, $\frac{1}{2}$ to 4
Alg—Algebra, 2	MH—Modern History, 1
AmH—American History, $\frac{1}{2}$ to 1	M—Music, 1 to 4
Bib—Bible, 1 to 2	O—Occupations, $\frac{1}{2}$
B—Botany, 1	P—Physics, 1
Bg—Bookkeeping, 1 to $1\frac{1}{2}$	PG—Plane Geometry, 1
Bi—Biology, 1	Ph—Physiography, $\frac{1}{2}$
C—Chemistry, 1	PH—Physiol. and Hyg., $\frac{1}{2}$ to 1
CA—Commercial Arithmetic, $\frac{1}{2}$	PS—Public Speaking, $\frac{1}{2}$ to 1
CG—Commercial Geography, $\frac{1}{2}$	Psy—Psychology, $\frac{1}{2}$
Civ—Civics, $\frac{1}{2}$ to 1	S—Spanish, 2 to 4
CL—Commercial Law, $\frac{1}{2}$	SG—Solid Geometry, $\frac{1}{2}$
D—Design, $\frac{1}{2}$ to 1	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—Sten. and Typew't'g., 1 to 2
E—English, 2 to 4	SW—Shop Work, $\frac{1}{2}$ to 4
Eco—Economics, $\frac{1}{2}$	T—Trigonometry, $\frac{1}{2}$
EH—English History, $\frac{1}{2}$ to 1	Typ—Typewriting, $\frac{1}{2}$
F—French, 2 to 4	VA—Vocational Agriculture, 1 to 3
Ger—German, 2 to 4	Z—Zoology, 1
GS—General Science, 1	

#### Students in Unaffiliated High Schools

These need not despair of securing entrance to College. The examinations offered by the Department of Education are for their benefit, and should come into more general use. The following quoted from a Bulletin of the Department expresses the purpose: "For many years there has been a strong feeling that the door of hope for securing a higher education should be opened to those boys and girls in the rural and village schools where from lack of enrollment, number of teachers, or standard equipment, they are deprived of advantages of affiliation.

"Students shall be encouraged to take college entrance examinations each year until sufficient number

of units have been earned, provided, that if students do not offer credits for college entrance within five years of date of examination, these credits shall not be recognized:

“Due publicity was given to this action of the committee, and the following groups of students were advised to take 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.”

These examinations are held the Second Monday in May in each County, at the Court House or High School. Application should be made to the County Superintendent.

### INSTRUCTIONS FOR REGISTERING

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**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.

**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 any 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 69.

## PREPARATION FOR PROFESSIONAL CAREERS

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Texas Christian University offers complete professional training for the Minister, the Educator, and the Business Man; and fairly complete for the Journalist. For Medicine or Law, the pre-professional courses are offered, meeting the highest standards required by the best professional schools.

The Colleges of Medicine and Law have been omitted because the cost of maintaining these has increased to such a great figure that only by concentrating great endowments in comparatively few schools can the work of proper grade be produced. It has become wise for Colleges of limited resources not to attempt the full professional training in these departments. Texas Christian University is therefore concentrating its resources on the general College work and the professional lines it is able to handle, making them thoroughly standard.

The Pre-Law, and Pre-Medical courses are explained below, and also the College courses leading to full professional training in the Ministry, Education, Business and Journalism.

**The Fullest Preparation.** Every student with ambition for a professional career should be impressed with the importance of securing an adequate foundation in a general College course, before taking up the technical course. Nothing is more threatening to full success than a specialized training without the broad foundation of a general cultural education. This is recognized by the fact that professional schools are constantly increasing the amount of College work required for entrance into law, medicine, etc.

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

**The Shorter Preparation.** But some students feel that the limits of time or money forbid a four years' college training, and must enter professional schools

on the lowest amount permissible. For these the Pre-Law and Pre-Medical courses are outlined below.

Even these students should be reminded that by using the summer terms, time can be saved and a larger course made possible.

### 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. 23 ..... 9
English 11 ..... 9	Eng. 24 ..... 6	Bible 32 ..... 6
Math. 11 ..... 9	Bible 21 ..... 6	Hist. or Soc. Sc. .... 6
Modern Lang. .... 9	Psych. 21, 24 ..... 6	Physics 31f ..... 3
Bible 15 ..... 3	Physics 27 ..... 9	Elective ..... 12
48	45	45

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

(3) **The Minimum Pre-Medical Course.** Under the leadership of the Council on Education of the American Medical Association, the requirements for admission have been raised and rigidly enforced. The minimum for any Medical College is two years of College work, (90-term hours), including Biol., (12) Chem., (15) Physics, (12) Modern Language, (9). Many schools prescribe, and all strongly urge, several other subjects.

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

**Quality of Pre-Medic Work.** By virtue of its membership in the Association of Colleges of the Southern States, T. C. U. is recognized by all Medical Colleges, and her students are given full credit.

The Laboratories are the pride of the Science Departments. No student recommended by T. C. U. has ever failed in Medical College; but a number have made specially distinguished records.

There is an *esprit de corps* in the Science Departments under the general Chairmanship of Prof. Winton that brings out the best of every student. To guide the career of a worthy student and secure opportunities for advanced study is one of the joys of this Department.

**The Pre-Medic Club** gives the students opportunity for mutual helpfulness, and brings to them many extra features as well as fellowship.

### 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 outlined 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. Thirty-six credits from the Collège 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 ..... 9	For. Lang. .... 9	Rel. Educ. .... 3
For. Lang. .... 9	Sociol. 24 ..... 9	Electives, to be
Acts 11, 12 ..... 9	Phil. 21, 22, 23... 9	determined by
Pub. Spk. .... 3	Elective ..... 6	Major ..... 27
48	48	45

### FOR TEACHERS' 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 ..... 9	Educ. 21, or Educ. 23..... 9
English 11 ..... 9	Eng. 24 ..... 6
Math. 11 abc ..... 9	Phil. 21, 22, 23..... 9
Bible 15 ..... 3	For. Lang. .... 9
For. Lang. .... 9	Elect. Hist. or Science..... 9
Elec. one of: Biol. 11, ..... 9	Elective ..... 3
Chem. 11, Hist. 11	
48	45

### PRE-LAW COURSE

**Full Preparation.** The student preparing for law should complete the A. B. degree before entering the

Law College. The best law schools require this. It affords that basis of general culture, trained thinking and wide information essential to the best career in law. The student should major in Government, or History.

**The Minimum Preparation.** Two years of College work are required for entrance into any standard Law College. A well-balanced course is strongly urged by the law colleges, including the regular prescribed Freshman subjects, without too much specialization. The following is advised:

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

Generous provision is made for the law student. The Social Science Departments are grouped together under the Chairmanship of Dr. Lord, who leads the Government Department, and is advisor to Pre-Laws.

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

## 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 Government, 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	9	Eng. 32	6
For. Lang.	9	Hist. 24	9
Biol. 11	9	For. Lang.	9
Bible 15	3	Econ. 21	9
Gov. 11	9	Bible 21	6
	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

This department has become a standard one in the best colleges, and has grown rapidly into favor.

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

The work is based on Economics as well as Business Administration, giving the student a scholarly grasp of those principles that lie at the basis of all business, so that he will be not a tradesman merely, but a thinker,

comprehending the forces, financial, economic, and social that lie back of the gigantic structure known as "Business."

The following is the schedule of courses as arranged for this degree. In the senior year other commerce courses may be substituted, under the advice of the Head of the Department. This will allow for specialization along lines for which the student is preparing.

Freshman		Sophomore	
English 11 .....	9	English 24 .....	6
Mathematics .....	9	Commerce 21 .....	3
Biol. 11 or Chem. 11.....	9	Economics 21 .....	9
Govt. 11 .....	9	Sociology 24 .....	9
For. Language .....	9	Commerce 22 .....	9
Bible 15 .....	3	For. Language .....	9
	48		45
Junior		Senior	
Psych. 21 .....	3	Bible 32 .....	6
Psych. 25 or Phil. 22.....	3	Econ. 41a, b, Com. 41c.....	9
Phil. 23 .....	3	Com. 45, 47 or 48.....	3
Econ. 31 .....	9	Com. 50 .....	9
Com. 31 .....	9	Com. 42 .....	9
Bible 21 .....	6	Electives .....	9
Com. 34a, b .....	6		
Electives .....	6		
	45		45

### 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 special-

ization 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	Soc. 24 or Eco. 21.....	9
Hist. 11, or Gov. 11.....	9	Elective .....	6
	48		45

## 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, 15 units, but lacking in some required unit.

**Freshman**, 15 units, including 11 prescribed.

**Sophomore**, 45 credits (term hours), and all entrance conditions removed.

**Juniors**, 90 term hours and all Freshman requirements removed.

**Seniors**, 135 term hours.

**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 Term 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, Mediocre; below good average.

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 from the end of the term; 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. 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%.

### Recognition of Quality of Work

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

There is no desire to equalize the achievements of students. Rather is the ideal to inspire and enable every student to attain to the maximum of his individual capacity; and to reward those who do unusually well.

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

**The Point System** is devised to stimulate the slow student away from the bare passing grade up to at least an average grade. Its effect is that a student must average between B and B+ in his four years of work in order to graduate on the regular 180 term-hours; and if his grades are less he must make up additional term-hours.

Points are assigned to each course:

To A+, 5 points for each term-hour.

To A, 4 points for each term-hour.

To B+, 3; to B, 2; to C, 1.

A total of 400 points must be secured for graduation.

**Honors for Quality.** At the time of graduation, the student whose points on 180 term-hours amount to 648 (index 3.60) will be graduated **cum laude**; one with 700 (index 3.90), **magna cum laude**; and one with 759, (index 4.20) **summa cum laude**.

**Courses for Better Students.** In order to enable the



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

**Amount of Class Work.** Five classes at a time, 15 hours per week is the normal amount for a student. This graduates him in the expected twelve terms, or "four years" or regular sessions.

The student who averages approximately A any term may carry 18 hours of work the following term, at the discretion of the Dean; but a Freshman may not exceed 16 hours.

The student who is capable of doing better than average work should expend his abilities in doing a more masterful character of work. For to take more classes, doing them only average quality, develops shallow thinking. Time to grow, and thoroughness up to each student's full capacity is the desired end.

Students who spend much time at some employment out of school should reduce the number of hours carried accordingly in order to do the best work.

Students in the dormitories must carry at least 14 hours; unless excused for reasons of health, on certificate of the College Physician.

## 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 further divided into two six-weeks, semi-terms. In this the standards, quality of work, and spirit are carefully maintained. Special lines of student activities adapted to the season are fostered. The courses offered are usually listed in

the catalog, but a special Bulletin is issued giving full detailed announcement of it.

**Schedule.** The class period is one hour. Usually each class recites three hours a week, on the 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 or "Term-Hour."** The unit of credit in evaluating the work accomplished by a student is the term-hour; one hour a week of recitation for a term (of 12 weeks.) A class usually recites three hours a week for 12 weeks and receives three credits or term-hours. This course continuing for three terms brings 9 term-hours. Thus by carrying five courses at a time, the student will graduate in four regular college years.

The term "credit" has been used in the catalog prior to 1922. Hereafter the word "term-hour" will be used. In the present catalog the expression credit may be used also, interchangeably, to assist in the transfer with those students who are accustomed to the older term.

**Full Year Courses.** Most of the courses are arranged through Fall, Winter and Spring terms. A few advanced courses are in smaller units, of one term.

In order to accommodate the student who cannot attend continuously, these longer units may sometimes be taken one term at a time in separate sessions; but only by arrangement and consent of the Dean.

**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 to Represent the School in Public.** In order to represent the University in any Intercollegiate event such as athletics, oratory, debate; or in public places of honor within the school such as in Glee Club, student body officers, editors, business manager, etc., the student must have passed in ten hours of work in the previous term, must be passing in ten hours in the current term; in case of intercollegiate events must be enrolled for at least 14 hours; in other events he may be carrying only 12 hours if approved by the Dean, on account of employment to cover expenses.

**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 the 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 Dean or Honor Council** is imperative, and a student is subject to suspension for neglecting it.

Demerits assessed for any misconduct may be applied by subtracting term-hour credits from the Student's Permanent record.

## REQUIREMENTS FOR GRADUATION

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

### For the Bachelor of Arts

**First: Required of All:** Each candidate for the Bachelor of Arts is required to take the following courses:

**Biology or Chemistry**—9 term-hours of either.

If no Laboratory Science was presented in entrance units, 9 term-hours additional must be taken in College.

**Bible**—15 term-hours, including courses, 15, 21 and 32. (Bible 23 or Bible 24 may be substituted for 15 and 21).

**English**—15 term-hours; English 11 and 24.

**Foreign Languages**—either ancient or modern; one year of continuous work, (not the first year of a language in any case), 9 term-hours.

**History or a Social Science**—nine term-hours.

**Mathematics**—nine term-hours; Math. 11.

**Philosophy**—nine term-hours; Psych. 21 and six term-hours of Phil. 22, Phil. 23, Psych. 25, Psych. 32.

**Physical Training**—Two years required in addition to the 180 term-hours.

**Second: Major and Minors.** Each student is required to elect by the end of his Sophomore year (better sooner) a "Group" in which he will complete for his

**Major**, a minimum of 36 term-hours, maximum, 48;

**First Minor**, minimum, 27 term-hours, maximum, 36;

**Second Minor**, minimum, 18 term-hours, maximum, 36.

The groups are so arranged that the minor subjects will strengthen the major and make the student's specialization more effective.

Under each Department in the catalog will be found a statement of the requirements for a major in that Department. The "Groups" given below are a general summary and should be interpreted in any case, by the more specific arrangement under each Department.

## GROUPS

### 1. The English Group:

Major English, including courses 11, 24, 35, 36, 41.

First Minor, A Foreign Language, or History, or Philosophy, or Sociology.

Second Minor, Another of the above subjects, or Education, but a Foreign Language must be either First or Second Minor.

Strongly Urged: French or German as the Foreign Language, Philosophy 35, and one year in History.

### 2. The Modern Language Group:

Major, French or Spanish.

First Minor, The other of these subjects.

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

### 3. The Social Science Group:

Major, Economics, Government, History or Sociology.

First Minor, Another of these subjects or (with History), Philosophy, (with Sociology) Psychology.

Second Minor, Another of these subjects, or a Modern Language, or (with Sociology) Biology, or (with History) Education.

#### 4. The Natural Science Group:

Major, Biology, Chemistry, Geology, or Mathematics.

First Minor, (with Biol. or Geol.) Chemistry; (with Chem.) Biology, or Geology, or Mathematics; (with Mathematics) Chemistry or Geology.

Second Minor, A Foreign Language (French or German preferred) or Mathematics, or Education; or (with Chem.) Physics or Geology; (with Math.) Physics or (with Biol.) Psychology.

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

Forty-five of the 180 term-hours must be advanced courses; that is, numbered in the 30's or 40's.

By term-hour is meant one hour of recitation (or two hours of Laboratory work) per week for one term. For estimation of points see page (?)

**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.

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

#### Bachelor of Science

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

**Mathematics**—twelve term hours, 11, 25:

**Science**—nine term-hours each in Chemistry, Biology, Geology, Physics.

**English**—English 11, nine term-hours.

**Language**—French or German, nine term-hours, not the first year of the language.

**Psychology**—Nine term-hours, including 21, 24.

**A Social Science**—Nine term-hours.

**Bible**—fifteen term-hours, including courses, 15, 21, and 32. (Bible 23 or 24 may be substituted for 15 and 21).

**Physical Training**—two years, no credits.

**Second—Major and Minors:**

As explained under the A. B. requirements, a Group must be chosen. The following is a general summary of the Groups, but the more detailed statement should be consulted in the catalog under the Department chosen as a major.

**1. The Natural Science Group:**

Major, Biology, Chemistry or Geology.

First Minor, Another of these subjects, or Physics.

Second Minor, a third Natural Science, or French, or German, or (with Biol.) Sociology.

**2. The Mathematics Group:**

Major, Mathematics.

First Minor, Physics.

Second Minor, French or German, or Education.

**3. Home Economics Group:**

Major, Home Economics, 36 term-hours, emphasizing either cooking or sewing.

First Minor, Chemistry, 27 term-hours.

Second Minor, Biology, 18 term-hours.

In this group the requirement for Physics and Geology are omitted and the degree is "B. S. in Home Economics."

**Third.** Same as under A. B.

**Fourth.** Same as under A. B.

**The Bachelor of Business Administration Degree**

The Department of Business Administration is expected to expand into a school in a few years, large

enough to give its separate degree. It is carried now as a Department, the several Departments of the College of Arts and Sciences furnishing the work for the degree.

The requirements for the degree are:

**First. The Required Studies:** the same as for the Bachelor of Arts (see above). For the Social Science, Government is required.

**Second. Majors and Minors.** The major subject is Commerce, 45 term-hours, maximum 60; First Minor, Economics 24 term-hours, no second minor.

### MASTER OF ARTS

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 to high standards implied by the degree.

At present the Science departments have not the time to offer enough advanced work to justify the M. S. degree.

The requirements for the M. A. are:

**First.** He shall present an approved Bachelor's degree.

**Second.** He shall do resident work in the University, for at least three terms, completing a minimum of 45 term-hours; 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 Junior or 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 must make application for Master's candidacy, and have the courses he proposes to offer, approved by the Dean before beginning any work that may count toward the degree. Work taken prior to such approval will not be accepted for graduate work.

#### **Electives from the College of the Bible**

Candidates for the Bachelor's degree are permitted to elect as many as 36 credits in Bible, from courses listed in the Brite College of the Bible, except those of technical or professional type.

In case Hebrew is elected as a part of the "foreign language" study in the course leading to the B. A. 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 counted 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 in the Fine Arts section of the catalog.

## 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 refunded to each individual. Students are responsible for their own rooms, and any damage to such room will be charged to the occupant, unless he can prove that damage was done by some other individual, in which case damage will be charged against the deposit of the guilty party.

### Rates for Boarding Students:

	Fall	Winter	Spring
Board—\$6.00 per week.....	\$ 84.00	\$ 66.00	\$ 72.00
Room Rent—\$3.00 per week.....	42.00	33.00	36.00
Medical Fee .....	5.00	5.00	5.00
Tuition .....	57.75	49.00	53.25
	188.75	153.00	166.25
Total for year .....	\$508.00		

### Rates for Students Not Staying in Dormitories:

Tuition .....	\$ 57.75	\$ 49.00	\$ 53.25
Total .....	\$160.00		

### RATE FOR PART TIME STUDENT

	Fall	Winter	Spring
Students taking less than three literary subjects will pay tuition per subject .....	\$19.25	\$16.25	\$17.75

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.

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 ..... (11, 14, 24 or 28)	\$ 7.00	\$ 6.00	\$ 3.00
General Bacteriology 17S .....			8.00
Hygiene and Sanitation 23W .....		2.00	
Comparative Anatomy 27 .....	6.00	6.00	6.00
Field Geology 29F .....	6.00		
Minerology 31W .....		6.00	
Economic Geology 32WS .....		2.00	2.00
Index Fossils 33WS .....	6.00	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 30's or 40's.....	7.00	6.00	6.00

### PHYSICS LABORATORY FEES

	Fall	Winter	Spring
Physics 27, 37.....	\$ 5.00	\$ 4.00	\$ 4.00

### LABORATORY BREAKAGE FEES

All Chemistry and Physics Courses carry a breakage fee of \$3.00 per year. This fee is refundable at the end of the year, less breakage. A student whose breakage reaches \$3.00 before completion of the course will be required to deposit an additional \$3.00 before continuing with this work.

### MATHEMATICS

Surveying Fee \$ ..... \$10.00

\*NOTES.—Medical fee covers services of doctor and nurse for all ordinary cases of illness. It does not include necessary expenses of operations.

(1) Breakage fees are refundable at the end of the year, less any breakage charges.

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

	Pages
Fine Arts .....	169
Domestic Science .....	176

No reduction for students taking double time in any subjects.

Students taking courses in Science 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 subjects 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 to be used in 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.**

Students entering late in a term who seek full credit for studies will pay full tuition, 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 visit 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.

Charges are made by the term, and no esimation by the month, week or day will be recognized. Students who are not regular boarders will be charged 40 cents per meal. All students living in dormitories are required to board regularly in the University Cafeteria. No student will be admitted to classes without the regular matriculation card signed by the Business Manager.

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 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; 30 to 39, Junior, and 40 to 49, Senior.

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

With some exceptions the courses are arranged in units of one session for Fall, Winter, and Spring terms. The full course is expected to be completed before any credit is given; but where the course is subdivided into a, b, c, separate credit may be given for one term; or suspended credit given for one term until the remaining portion is completed. A course cannot be broken, however, without consent for some sufficient reason.

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

No credits will be entered permanently 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, unless by special permission.

### DEPARTMENT OF BIOLOGY AND GEOLOGY.

Professor Winton

Assistant Professor Scott

Instructors Winton and Hill

#### Biology.

Requirements for a Major in Biology:

**Major.**—36 term-hours (maximum 48) in Biology.

**First Minor.**—27 term-hours in Geology or Chemistry.

**Second Minor.**—18 term-hours in a foreign language or Mathematics or Psychology or Education or Geology.

Prescribed: Geology 28.

Urged: French or German for the foreign language.

11. **General Biology** (nine term-hours). T. Th. 11:30.  
Laboratory: T. or W. or Th., 1:30-4:30. Each laboratory section will be subdivided into two or more quiz sections. This course is prerequisite to any other in this department.
14. **Botany** (nine term-hours). Not offered in 1923-24.
23. **Sanitation** (nine term-hours). Th. S. 9:00.
  - a **Bacteriology** (three term-hours). T. Th. 9:00 and F. 1:30-4:30. (Formerly 37).
  - b **Hygiene and Sanitation** (three term-hours). T. Th. S. 9:00.
  - c **Physiology** (three term-hours). T. Th. S. 9:00. (Formerly 26).  
(In the above group, 23b is creditable also in the departments of Chemistry, Domestic Science, Sociology, or Education).
24. **Entomology and Invertebrate Zoology** (nine term-hours). W. F. 10:30 and T. 1:30-4:30.
27. **Comparative Anatomy** (nine term-hours). T. 11:30 and M. W. 1:30-4:30.

### Geology.

Requirements for a Major in Geology:

**Major**—36 term hours in Geology.

**First Minor**—27 term-hours in Biology or Chemistry.

**Second Minor**—18 term-hours in Biology or a foreign language or Mathematics or Education.

Prescribed: Biology 11, Physics (High School or 27) and Math. 25.

Urged: French for the foreign language.

28. **General Geology** (nine term-hours). W. F. 10:30 and T. 1:30-4:30.



29. **Advanced Geology** (nine term-hours). Not offered in 1923-24.  
a **Field Geology** (three term-hours).  
b **Economic Geology of Metals** (three term-hours).  
c **Economic Geology of Non-Metals** (three-term-hours). Formerly 32.
31. ab **Mineralogy** (six term-hours). Not offered in 1923-24.  
c **Petrology of Sedimentary Rocks** (three term-hours). Not offered in 1923-24.
33. **Paleontology** (nine term-hours). M. W. 9:00 and Th. 1:30-4:30.

#### DEPARTMENT OF BUSINESS ADMINISTRATION.

Professor Ballard.

Assistant Professor .....

Mrs. H. J. Hart, Student Assistant

Harvey Redford, Student Assistant

Requirements for degree of Bachelor of Business Administration: See requirements for Graduation.

- 21s. **Business Arithmetic**, Spring, (three term-hours). T. Th. S. 10:30.  
A short course in addition, subtraction, multiplication, interest, discount, fractions, etc., in preparation for the mathematics of business.
22. **Elements of Accounting** (nine term-hours). M. W. F. 11:30.  
The course is open to all students whether trained in bookkeeping or not. How to keep a set of books, problems of partnership, corporations, depreciation, preparation of statements, work sheets, closing ledgers.

31. **Advanced Accounting** (nine term-hours). M. W. F. 10:30. Prerequisite: Commerce 22. The Voucher system, problems of valuation, balance sheet, depreciation, investments, intangible assets, capital stock and its valuation, fixed liabilities, etc.
34. **Salesmanship and Advertising** (six term-hours). T. Th. S. 10:30.
- 34a fall. **Salesmanship.**  
The steps in Salesmanship, suggestions as to the opening, body and close of an interview, the pre-approach, the happy habit of industry and the mind of the buyer. Students are required to give a number of sales talks in class.
- 34b winter. **Advertising.**  
The preparation of copy, advantages of street car advertisements, posters, billboards, electric signs, newspaper, magazine, trade marks, and various types of publicity. Students are required to submit advertisements on various subjects.
41. **Finance** (nine term-hours). T. Th. S. 9:00.
- 41a fall. **Money and Credit.**  
Given by Economics Department.
- 41b winter. **Banking.**  
Given by Economics Department.
- 41c spring. **Business Finance.**  
Forms of business organizations, nature, advantages and disadvantages, present range, temporary financing, bonds, stocks, underwriting, promoting, incorporating and financing, bankruptcy and reorganization.
42. **Special Accounting** (nine term-hours).  
Not offered in 1923-24.
- 42a fall. **Cost Accounting.**  
Cost components, basis of costs, cost control, departmentalization, orders and symbols, burden, types of cost systems, installation of a cost system and problems.

**42b winter. Auditing.**

Principles of auditing, audit of cash transactions, trading transactions, impersonal ledger, verification of assets, liability of auditors, investigations, detailed audits, statutes and legal decisions affecting auditors, etc.

**42c spring. Systems.**

A study of the various types and forms of accounting systems used in a number of industries, their peculiarities, and methods.

**45. Marketing (three term-hours). M. W. F. 10:30 Fall.**

A study of marketing functions, organization and policies from the standpoint of the economist and business man. There will be a number of problems to be worked out and a study will be made of actual marketing methods.

**47. Industrial Management (three term-hours). M. W. F. 10:30. Winter.**

The object of this course is to acquaint the student with some of the problems to be met with in industrial plants. The internal organization of factories will be studied in detail.

**48. Economic Geography. Spring. (Three term-hours). M. W. F. 10:30.**

The course is designed to provide the student with a description of modern industry and its relation to geography, the location of markets, commercial routes, etc.

**46. Income Tax. Fall. (Three term-hours).**

Not offered in 1923-24.

A study of federal laws as to taxation with special emphasis on the latest rulings of the treasury department. Some 300 problems will be discussed and tax returns prepared.

**49. Office Management (three term-hours). Not offered in 1923-24.**

Departmentalization and unit methods of organization, analysis of functions and duties, selec-

tion, leasing and layout of an office, labor saving devices, methodizing the means of communications, etc.

50. **Business Law** (nine term-hours). T. Th. S. 11:30.

A consideration of contracts, agency, partnerships, negotiable instruments, bankruptcy, corporations, wills, sales, personal relations and insurance.

51. **Accounting Seminar** (nine term-hours).

Hours to be arranged.

A seminar course for students designing to prepare for C. P. A. examinations. The work will consist entirely of the solution of advanced problems with the personal instruction of the Head of the Department of Accounting. Registration limited by Department.

**Shorthand:** A special course is given in Gregg shorthand for students who desire. No University credit is given for the work and a small additional fee is charged of all students enrolling for the course. It may be taken in addition to University work. Hours to be arranged. Mrs. Hart.

**Typewriting:** Touch Typewriting for University students. No University credit is allowed for the course and it is open to all students upon payment of an additional fee. It may be taken in addition to University work. Hours to be arranged. Touch system used. Mr. Redford.

## DEPARTMENT OF CHEMISTRY AND PHYSICS.

Professor Hogan

Instructor Jones

Requirements for a Major in Chemistry:

**Major**—36 term-hours in Chemistry, which must include 11, 21, 24, and nine term-hours in courses numbered in the 30's or 40's.

**First Minor**—27 term-hours in Mathematics, or Biology, or Geology.

**Second Minor**—18 term-hours in a Foreign Language, or Physics, or Mathematics, or Geology, or Education.

**Prescribed:** Biology 11, Physics 27.

Note.—When Chemistry is offered as a First Minor, it must include 11 and 24.

11. **General Inorganic Chemistry**, nine term-hours; (to Juniors and Seniors, six).

Lectures 9:00 W. F.

Laboratory Tu. or Th. 1:30 to 4:30.

An introduction to the study of the common elements together with the fundamental laws and theories concerning their combinations. The object of this course is to afford a foundation for the fundamental principles of Chemistry and to develop the powers of observation. Recitations, demonstrations, illustrative problems and laboratory exercises.

21. **Elementary Analytic Chemistry**. Nine term-hours.

Recitations 9:00 M.; Laboratory M. and W. 1:30 to 4:30.

fw **Qualitative Analysis**.

An intensive study of the methods of qualitative analysis including the separation and identification of the more common elements.

s **Quantitative Analysis**.

Training in the technique and methods of quantitative analytical chemistry together with the theories involved.

24. **Organic Chemistry**. Nine term-hours.

Recitations and demonstration. W. F., 11:30. Laboratory F. 1:30 to 5:30.

A study of the fundamental types of organic compounds, their nomenclature, classification, reactions and applications.

Prerequisite Chemistry 11.

27. **Industrial Chemistry.** Nine term-hours.  
 Recitations and demonstrations M. W. F. 10:30.  
 A study is made of the most fundamental industries in which chemical principles are involved. Assignments for study are made by reference to standard industrial texts, industrial journals and literature. Reports of studies are prepared and presented before the class. Visits are made to the various industrial plants in Fort Worth and vicinity.  
 Prerequisite Chemistry 11. (Offered 1922-23 and alternate years).
32. **Organic Preparations..** Nine term-hours.  
 Laboratory W. F. 1:30-5:30.  
 A study of organic synthesis.  
 Prerequisite: Chemistry 24.
41. **Technical Analysis** (nine term-hours. Hour to be arranged.  
 Prerequisite: Chemistry 21. Three laboratory periods per week.  
 This comprises the analysis of steels, irons, ores, fuels, minerals, fertilizers, petroleum, etc. The work will be largely determined by the needs of the members of the class.

### Physics.

Physics may be offered as a second minor with a major in Mathematics, or in Chemistry. Physics 27 is prescribed for a major in Geology or Mathematics.

27. **General Physics, Mechanics, Sound, Heat, Light and Electricity.** (Nine term-hours).  
 Recitations and demonstrations T. Th. 10:30.  
 Laboratory F. 1:30 to 4:30.  
 Prerequisite: High School Physics and Plane Trigonometry.
31. **Physics, Electricity** (nine term-hours).  
 Lectures and recitations, T. Th. S. 9:00.  
 This course is designed to give the student interested in scientific work a general knowledge of electrical measurements, storage batteries,

electrical appliances and the more simple electrical machinery.

Prerequisite: Physics 27 and Chemistry 11.

Fall term offered 1923-24.

## DEPARTMENT OF ECONOMICS AND SOCIOLOGY.

Professor Sheppard, Dr. Lord.

Requirements for a Major in Economics:

**Major**—36 term-hours in Economics.

**First Minor**—27 term-hours in Government or Sociology.

**Second Minor**—18 term-hours in another of these subjects, or a Modern Language.

**Prescribed:** Sociology, nine term-hours or History, nine term-hours.

**Urged:** The Foreign Language should be French or German, for those who plan to do graduate work.

24. **Sociology** (nine term-hours). T. Th. S. 9:00.

Prerequisite: Sophomore standing.

Prerequisite to all courses in Sociology.

An introduction to the scientific study of social life, its origin, development, structure, and organization. The course is especially designed for those who have not previously studied Sociology, acquainting them with its development, point of view, and method.

31. **Community Problems** (nine term-hours). M. W. F. 9:00.

Prerequisite: Sociology 24.

a fall. **Social Foundations** (three term-hours).

M. W. F. 9:00.

A careful study is made of the psychological aspects of Sociology in an effort to acquaint the student with the social self and the process of its development, together with establishing a viewpoint and method for Sociology and all the social sciences.

b winter. **Rural.**

A study of social conditions in rural communities with a view to their improvement. Such problems as are presented by land, labor, wages, farming, the drift to cities, the home, the school and the church, health and sanitation, are studied in a very definite way in an effort to develop an appreciation of the importance of these problems.

c spring. **Urban.**

A study of the development of the modern city with emphasis upon such problems as the social aspects of municipal administration, housing, sanitation and health, industry, education, recreation, city planning, justice and charity.

Note: The subject of Sanitation is covered scientifically by Biol. 23b, which may count on a Sociology major.

37. **The Family** (nine term-hours). M. W. F. 8:00.  
Prerequisite: Sociology 24.  
Not offered in 1923-24.

a fall. **Historical Development.**

A study of the origin and growth of the family with special attention to its influence on the modern home; with reference to the personal development of its members and the modes of the community. Some of the topics to be considered: (1) the natural family; (2) the family as an institution; (3) the home; (4) disorganizing and disintegrating factors; (5) the future of the family as a biological, psychological and social unity. The subject will be treated so as to give the student a historical background for b and c of this group.

b winter. **Child Welfare.**

Subjects to be treated in this course: Conservation of life; the physical well-being and health of the child as influenced by home and community and school life; education and



training of the child in social, industrial, moral and sex relations; child labor; diagnosis and training of delinquency; the independent child; agencies for the care and well-being of the child.

c spring. **Social Educational Problems.**

This course is of the nature of applied sociology. It deals with such subjects as the necessity and social function of education; socialization of achievement; the function of education in the direction and growth of society; the conservative and progressive element and the democratic ideal of education; the influence of the nature of subject matter and method upon social structure and development; the relation of physical and mental exercise and development; heredity and environment; efficacy of effort; education an equalizer of opportunity; environmental factors.

40. **Principles of Sociology** (nine term-hours).  
A critical study of advanced sociological theory. (Not offered in 1923-24).

44. **Social Problems** (nine term-hours). M. W. F.  
11:30.

a fall. **Anthropology.**

A study of the natural history of man—his probable origin and early development. The earliest stages of cultural evolution. The origin and early nature of industry, religion, language, art, science, and such social organizations as the family, the horde, the clan, and the tribe. Some time will also be given to the origin and evolution of the different races of mankind and the principal characteristics of these different races.

b winter. **Criminology.**

The nature, causes and evolution of crime. The influence of the environmental factors upon the criminal; traits and types of crim-

inals; the evolution and function of criminal jurisprudence; prison systems; evolution of the treatment of criminals; modern methods of dealing with the criminal; the relation of crime and social progress.

c spring. **Pathology.**

A general study of poverty, pauperism, physical defectiveness, feeble-mindedness, insanity, malnutrition, unemployment, undirected leisure activities, prostitution, disease, vagrancy, delinquency, etc., and their causes, prevention and cure. Some time will be given to an analytical study of the methods of modern philanthropic agencies and institutions. Each student will be required to visit some social institution and make analytic report of same.

**Economics.**

21. **Principles of Economics** (nine term-hours). T. Th. S. 11:30.

An introductory course to acquaint the student with the fundamental principles which underlie economic relations and activity. The object will be to lead the student in clear and accurate thinking on the leading characteristics of the present economic system. Some of the problems to be considered are: Organization of production; value and exchange; monopoly; the problems of wages, interest, profits, and rent; banking operations, with emphasis upon the banking system of the United States; international trade; protection and free trade; problems of labor; insurance; and taxation.

Prerequisite to all courses in Economics.

Prerequisite: Sophomore standing.

31. **Industrial Problems** (nine term-hours). T. Th. S. 10:30.

Prerequisite: Economics 21.

a fall. **Modern European Problems.**

A historical study of the development of the

modern European industry, covering the chief stages of the growth of industry during the last three hundred years. This course gives a natural basis for a clear understanding of the industrial problems of the United States.

b winter. **Industrial Problems of the United States.**

This course is designed to acquaint the student with the historical development of the agricultural, commercial, and industrial interests and undertakings in the United States from our earliest colonization to the present time, showing the influence of our various resources, institutions, and policies upon this development. This course will furnish a natural introduction to the modern labor problems of the United States.

c spring. **Labor Problems.** (Formerly 33).

The origin of the labor problems; origin and development of labor organizations; collective bargaining; the strike, boycott, etc.; child labor; the minimum wage; the living wage; profit sharing; the place of attitude in the labor problem; social insurance; and working knowledge of the labor problems of the day.

41. **Finance** (nine term-hours). T. Th. S. 9:00.

41a fall. **Money and Credit.**

A study of the medium of exchange, nature, and value of money, credit money, gold standard, money in the United States, statements of local banks and federal reserve banks are analyzed each month.

41b winter. **Banking.**

An intensive study of discounts, deposit, banking operations and accounts, check system, bank notes, central banks, foreign exchange, the banking system of various countries, the national banks and federal reserve system.

41c spring. **Business Finance.**

Same as Commerce 41c. See department for description.

### DEPARTMENT OF EDUCATION.

Professor Smith, Professor McDiarmid,  
Professor Billington, Instructor Woodard.

**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. Merely to cover clerical cost in correspondence, a fee of \$1.00 will be charged each one who registers to secure a teaching position.

**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 term-hours) including 9 term-hours in Education, 9 in English, and not more than 18 in any one subject will be issued:

- (1) A First Class Elementary Certificate valid for 4 years; or
- (2) A First Class High School Certificate valid for 2 years, but not good for First Class High Schools.

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

- (1) A First Class Elementary Certificate valid for 6 years, when Elementary courses are taken; or

- (2) A First Class High School Certificate valid for 4 years, provided one course bears on High School teaching.

For Three Years College Work (135 term-hours) including 27 term-hours 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 of College Work, i. e. graduation, including 36 term-hours in Education (selected on advice of Department) may be issued a Permanent High School Certificate, or Elementary. 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.

#### Majors and Minors in Education.

A Major or First Minor are not offered in Education for the B. A. or B. S. degrees. This is because it is believed that a prospective teacher should have a full major and minor in the subjects he intends to teach; and should take the professional Education courses in addition.

A student may choose any of the Groups, and take 36 term-hours in Education in addition, thus securing practically a major in Education, and also a permanent teacher's certificate. Education may be counted as a second minor with a major in Biology, Geology, Chemistry, English, History, Modern Language, or Mathematics.

11. **The Freshman Course** (nine term-hours). Prescribed for those who apply for Certificates on one year of College work, and not usually

open to any others. These yield no credit to Juniors or Seniors.

There will be sections of each, every term.

**11a Introductory Courses (Psychology)**, three term-hours.

fall section M. W. F. 9:00.

winter section T. Th. S. 9:00.

spring section M. W. F. 9:00. Prof. Smith.

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

**11b Class Room Management**, (three term-hours).

fall section M. W. F. 9:00.

winter section M. W. F. 9:00.

spring section T. Th. S. 9:00. Mr. Woodard.

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

**11c General Method**, (three term-hours).

fall section T. Th. S. 9:00.

winter section M. W. F. 9:00.

spring section M. W. F. 9:00. Mr. Woodard.

An introductory study of the principles of teaching.

**24. Sophomore Elementary Education** (nine term-hours). T. Th. S. 8:00. Mr. Woodard.

Prerequisite: Education 11, Con-current Phil. 21.

**24a fall. History of Education in the South.**

A study of the growth of public educational organization and practices in the eleven states which formed the Confederacy. The study seeks to trace the development of the democratic principles of education in the South and to explain their slow application and acceptance.

**24b winter. School Management—Rural and Town Schools.**

The elementary principles of the organization and control of the class were covered in Edu-

cation 11b. This course enlarges the scope of management to include the supervision of rural and small town schools.

24c spring. **Special Method-Reading and Spelling.**

A study of the methods of silent and oral reading with the application of standardized tests to the work of the class. The latter part of the term is likewise applied to Spelling and the use of scales in connection therewith.

33. **Junior Elementary Education** (nine term-hours).  
Prerequisite: Education 11, Con-current Psych.  
21. M. W. F. 10:30. Mr. Woodard.

33a fall. **Education in the United States.**

This course deals with a consideration of some of the important problems in the organization and adjustment of the public education in the United States studied historically.

33b winter. **Psychology of the Common Branches.**

A study of the learning process as applied to the elementary school subjects.

33c spring. **Special Method in Language and Grammar.**

This course deals with the methods used in language and grammar study with the application of standardized tests to the work of the class.

44. **Senior Elementary Education** (nine term-hours).  
M. W. F. 8:00. Mr. Woodard.

Prerequisite: Education 11, and 24b.

44a fall. **Modern Elementary Education.**

A study of the educational theory and practice of elementary education in its historical development.

44b winter. **Supervision in City Schools.**

This course deals with problems of the school

supervisor and principal as they apply to every feature of city school life and activity.

44c spring. **Special Method in Arithmetic, History and Geography.**

A study of the method used in arithmetic, history and geography with the application of standardized tests to the work of the class. Special emphasis will be upon the correlation of geography and history and their position in the elementary school curriculum.

23. **Sophomore Secondary Education** (nine term-hours). T. Th. S. 9:00. Prof. Smith.

This is the Sophomore course for those who wish a High School Certificate.

Prerequisite: Psychology 21a is required to precede or accompany this course; the whole course 21abc is advised.

23a fall. **Introduction to the Scientific Study of Education.**

A study of Education through the means of the practical problems which confront the teacher at work.

23b winter. **Supervision of Study and Instruction.**

A careful study of the best approved practices of supervised study and the co-operation between the supervisor and teacher.

23c spring. **The American High School.**

A study of the development, organization, and administration of the Junior and Senior High School.

34. **Junior Secondary Education** (nine term-hours). T. Th. S. 8:00. Prof. Smith.

Prerequisites: Biology 11, Psychology 21a.

34a fall. **Principles of Education.** (Formerly 32.)

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



34b winter. **The Modern High School.** (Formerly 33).

A study of the aims, functions, and social significance of the modern high school.

Prerequisites: Education 34a.

34c. spring. **The High School Curriculum.** (Formerly 34s).

An examination of the modifications of the High School curriculum in its struggle to meet the social, vocational, and cultural needs of the times.

34a and b must precede c.

41. **High School Method** (nine term-hours). M. W. F. 10:30. Prof. Smith.

This course includes observation and practice work, and with 23 or 24 is required for permanent High School Certificate.

Prerequisites: Biology 11, Psychology 21a, and Education 23 or 24.

a fall. **Introduction to High School Teaching.** (Formerly 40).

b winter. **Subject Matter.**

c spring. **Lesson Plans.**

Note.—It is desirable that both 23 and 34 should be taken for High School Teacher's Certificate, but 31, 43, or 47 (two courses) may be elected in addition to 41 and either 23 or 34.

35. **Psychology in Education** (six term-hours). T. Th. S. 11:30. Prof. McDiarmid.

Prerequisite: Phil. 21.

35a fall. **Child Study.** (Formerly Educ. 22).

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.

35b winter. **Adolescence.** (Formerly 35w).

A study of the High School age with its applications to the physical, mental and moral development of the adolescent.

#### General Courses.

31. **History of Education** (nine term-hours).  
Offered in 1924-25 and alternate years.  
a fall. **Before the Middle Ages.**  
b winter. **During the Middle Ages.**  
c spring. **In Modern Times.**
43. **Advanced Educational Psychology** (nine term-hours). T. Th. S. 10:30. Prof. Smith.  
Prerequisites: Biology 11, Psychology 21a, Education 34. Alternates with 47. Offered 23-24 and alternate years.  
a fall. **Native Equipment of the Individual.**  
b winter. **Psychology of Learning.**  
c spring. **Intelligence Tests. Individual and group.**
47. **Educational Administration** (nine term-hours).  
T. Th. S. 10:30. Prof. Smith.  
Offered 24-25 and alternate years.  
a **Public School Administration.** (Formerly 44).  
b **City School Surveys.**  
c **County and State School Surveys.**

#### 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.

Biol. 23w. **Hygiene and Sanitation** (three term-hours). T. Th. S. 9:00.

Affords the teacher a thorough scientific basis for the practice and teaching of sanitation in school and community.

- Sociol. 31b. **Rural Problems** (three term-hours). M. W. F. 9:00.  
A study of the fundamental economic and social problems of the country, and relation of the public school to these.
- Eng. 46s. **Teaching English in the Secondary Schools** (three term-hours). T. Th. S. 10:30.  
Prerequisite: Freshman and Sophomore English.
- Hist. 40s. **Teaching History in Secondary Schools** (three term-hours). T. Th. S. 11:30.  
Prerequisites: Two years college history, one year in Education.
- Math. 30w. **Teaching Mathematics in Secondary Schools** (three term-hours). T. Th. S. 12:30. Prof. Hargett.  
Includes the teaching of Algebra and Geometry with observations in Fort Worth schools.  
Offered 23-24, and alternate years.

### COURSES IN RELIGIOUS EDUCATION

The Department of Religious Education in the College of the Bible offers courses totaling 27 term-hours. All are graded to college standards. Any course may count on the Bachelor's degree as free elective; nine term-hours may count on a minor in Education, only three term-hours of these may be used on the 9 for securing a First Grade Certificate, and none in first certificate applied for.

31. **General Training Course** (nine term-hours). T. Th. S. 8:00.
- 31a fall. **The Psychology of Religious Development.**  
A study of the laws and principles underlying the religious training of childhood and youth. Open to students who have completed Psych. 21, and to others who by reason of experience or special preparation may be

recommended by the Dean, and the Professor.

31b winter. **How to Teach Religion.**

An application of the laws of teaching to the work of Religious Education. Open to students who have completed Rel. Ed. 31a or its equivalent.

31c spring. **The Organization and Administration of Religious Education in the Local Church.**

A comprehensive survey of the church school, organized to meet the needs of childhood, youth, and adult life. Practical consideration will be given to matters of equipment, administration, development of leadership, courses of instruction, training in worship, and expressional activities.

41. **Advanced Training Course** (six term-hours).  
M. W. F. 10:30.

41a fall. **The Principles of Moral and Religious Education.**

A course planned to cover both an examination of the principles that underlie moral and religious education, and the application of these principles to the work of moral and religious training in the home, the church, and the school.

42b winter. **Organization and Administration of City Systems of Religious Education.**

This course is planned for those students who are serving or planning to serve as directors of religious education and for other mature students who are professionally interested in the work of the director of religious education.

**DEPARTMENT OF ENGLISH**

Professor Lucian Hickman  
 Associate Professor Rebecca Smith  
 Associate Professor Mabel Major  
 Instructor Ray Camp, and  
 Instructor Eula B. Phares

**Requirements for the Major in English:**

**Major**—English, thirty-six term-hours (maximum 54) which must include courses 11, 24, 35, 36 and 41.

**First Minor**—Twenty-seven term-hours in a Foreign Language, or History, or Philosophy, or Sociology.

**Second Minor**—Eighteen term-hours in another one of the above subjects, or Education; but a Foreign Language must be either the first or second minor.

**Urged**—French or German as the Foreign Language (very important for students wishing to pursue graduate courses later); also Philosophy 34, and one year of History, either American or English or both American and English.

Prescribed for the A. B. degree: English 11 and 24. A total of fifteen term-hours.

Prescribed for the B. S. degree: English 11. Nine term-hours.

**English Courses:**

11. Rhetoric and Composition. Nine term-hours.  
 Eight sections:  
 M. W. F. 9:00 and M. W. F. 10:30 (five sections). T. Th. S. 9:00.  
 Required of all Freshmen.
- 11ws. Rhetoric and Composition. Nine term-hours.  
 T. Th. S. 11:30.  
 Beginning with the winter term to accommo-

date students entering late. Three hours per week in the winter and six in the spring term to complete the course.

- 24fw. English Prose and Poetry. Six term-hours.  
Four Sections:  
M. W. F. 9:00 (two sections).  
T. Th. S. 11:30 and M. W. F. 11:30.  
A general survey of English literature. Required of all candidates for the degree of Bachelor of Arts, and a prerequisite to all other courses in literature.
- 24ws. English Prose and Poetry. Six term-hours.  
M. W. F. 11:30.
- 25s. Contemporary English Literature. Three term-hours. M. W. F. 9:00 and T. Th. S. 11:30.  
A continuation of English 24, covering the more important English writers of poetry, fiction and drama since 1870.  
Miss Major and Miss Phares.
- 31fw. Victorian Poetry. Six term-hours. Not offered in 1923-24.  
A study of Tennyson, the Brownings, Arnold and Swinburne; the most noteworthy minor poets of the period constituting the parallel readings. Miss Major.
32. Advanced Composition. Nine term-hours. M. W. F. 11:30.  
The theory and practice of advanced composition, with emphasis on journalistic writing. Mr. Camp.
- 34s. Early Nineteenth Century Prose. Three term-hours. T. Th. S. 10:30.  
Special attention will be given to the literary and social tendencies of the period as shown by the more important selections of the early prose writers. Mr. Hickman.
- 35fw. Shakespeare. Six term-hours. T. Th. S. 9:00. Required of English majors.  
An intensive study of Hamlet, King Lear,

Othello, and the Tempest. The outdoor reading consists of additional plays of Shakespeare and his leading contemporaries together with works of biography and criticism. Miss Major.

- 36f. American Literature. Six term-hours. Daily 9:00.

A survey course in tendencies and chief writers of American literature. Required of English majors. Miss Smith.

- 37fw. Technique of the Epic. Six term-hours. T. Th. S. 10:30.

A comparative study of Homer's Iliad and Odyssey, Vergil's Aeneid, Dante's Divine Comedy and Milton's Paradise Lost. The characteristics and development of the artistic epic in Roman and in English literature. Homer, Vergil, and Dante to be studied carefully in translation. Miss Phares.

- 38s. Contemporary Poetry. Three term-hours. Not offered in 1923-24.

A study of English and American poetry since 1900. A notebook and a term paper will be required. Miss Major.

- 39f. Modern Drama. Three term-hours. M. W. F. 11:30.

A study of the tendencies in the drama beginning with Ibsen, down to the present time, with special emphasis on the reading of representative plays. Miss Smith.

- 40fw. The English Romantic Movement. Six term-hours. T. Th. S. 10:30.

An intensive study of English literature, poetry and prose, from 1740, the death of Pope, to 1837, the ascension of Queen Victoria. Miss Major.

41. Old English. Nine term-hours. T. Th. S. 11:30. Required of all English majors. This course includes a historical study of the

- development of the English language. Mr. Hickman.
- 43fw. Seventeenth Century Literature. Six term-hours. T, Th. S. 10:30.  
The more important works of Milton and Dryden will be read and attention will be called to the important tendencies of the period. Mr. Hickman.
- 44w. Emerson and Lowell. Three term-hours. M, W. F. 9:00.  
The important works of these men will be studied in order to determine, to some extent, their influence on the thought and ideals of the American people. Mr. Hickman.
- 45fw. The Novel in English. Six term-hours. Not offered in 1923-24.  
A study of the development and evolution of the English and American novel to 1900, with the reading of representative novels. Term theme required. Mis Smith.
- 46s. The Teaching of English in the Secondary Schools. Three term-hours. T, Th. S. 9:00.  
After a survey of the methods now used in presenting the different types of literature and composition in the high school class, lesson plans will be developed by the students.  
Under certain conditions this course may be counted for credit in the Department of Education. Mr. Hickman.

### 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, page . . . . Those which are eligible for the A. B. are shown on page . . . .

**Majors and Minors in the Bible** are not offered because the ministerial student who would use these will take his Bible credits in a Bible College degree, and a Bachelor of Arts will need a major, usually in Sociology, or English, or History.

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. **The Life of Christ** (three term-hours). T. Th. S. 10:30. (Lectures and recitations, by sections, requiring one hour a week of each student).

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 term-hours). 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 term-hours). 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 term-hours).  
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 term-hours). 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 GOVERNMENT.

Dr. Lord.

### Requirements for a Major in Government:

- Major**—36 term-hours in Government, (Sociology 31 may count).
- First Minor**—27 Term-hours in History; or Economics, or Sociology.
- Second Minor**—18 term-hours in another of these subjects, or a modern language.
- Prescribed**—History, 9 term-hours.
- Urged**—The Foreign Language should be French or German for those students who plan to do graduate work.
11. **Introductory Government** (nine term-hours). T. Th. S. 10:30.  
The Freshman course for those who plan to take more than one year of Government. Pre-law students should take this.
- 11a fall. **Introduction to Government.**  
A general survey of the underlying principles of government; followed by a more detailed study of the structure and functions of government.
- 11b winter. **Introduction to the American Federal 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.

11c spring. **Introduction to the American Federal Government**, continued. Credit not given without 11b.

13. **Problems of Citizenship** (nine term-hours). M. W. F. 11:30.

An elementary course dealing with the fundamental problems of American citizenship. Students may enter at the beginning of either term. For those who plan to take but one year of government; others by special permission.

13a fall. **Problems of Citizenship—Political.**

13b winter. **Problems of Citizenship—Economic.**

13c spring. **Problems of Citizenship—Social.**

21. **American Government** (nine term-hours). M. W. F. 9:00.

Not offered 1923-24. Prerequisites: 11 (or 13) unless by special permission.

21a fall. **American State Government.**

A study of the development of state constitutions and the political organization of the state.

21b winter. **American State Administration.**

This course considers the administrative functions of the organized institutions of the State, with special reference to the State of Texas.

21c spring. **American Municipal Government.**

A study of types of municipal government in the United States, and the major municipal political problems.

24. **Introduction to the Study of Law** (nine term-hours). M. W. F. 9:00.

Prerequisite: 11. This course in "Elementary Law" considers the sources of law, kinds of

law, and the means of its development.  
Primarily for pre-law students; others by permission.

Sophomores not wishing to take 24 will take 31 upon the completion of 11 or 13.

31. **Comparative Government** (nine term-hours).  
M. W. F. 10:30.

Prerequisite: 11 or 13. Lectures, readings, discussion and reports.

- 31a fall. **Comparative Constitutional Development.**

A study of the development of modern national constitutions. Special consideration is given to the new European constitutions.

- 31b winter. **Comparative National Government.**  
The organization and workings of the National Governments of England, France, Germany and the United States.

- 31c spring. **Comparative Party Government.**

While the course points out the relation of parties to government, emphasis is given to party organization, problems, and morality in the United States.

37. **International Problems in Government** (nine term-hours). M. W. F. 10:30.

Not offered in 1923-24.

- 37a fall. **International Organization.**

A study of the various types of International organization.

- 37b winter. **International Policies.**

A study of American international policies, with special attention to problems growing out of the World War.

- 37c spring. **Current and Recent International Problems.**

The course studies the international problems of peculiar interest to the United States.

44. **Constitutional Law** (nine term-hours). T. Th. S. 9:00.

Prerequisite: Two years of government.

**44a fall. American Constitutional Law.**

Considers the fundamental principles which pervade the American constitution. Study of concrete cases illustrating various phases of American constitutional law will be made.

**44b winter. Texas Constitutional Law.**

A detailed study of the present Texas State constitution.

**44c spring. International Law.**

A study of International Law through the study of cases. Frequent class reports.

**45. Political Theory (nine term-hours). T. Th. S. 9:00.**

Prerequisite: Two years of government. Not offered in 1923-24.

**45a fall. Ancient Political Theory.**

The growth of political ideas from the time of the Greeks to the French Revolution. The relation of these theories to the great political, social and economic changes is indicated.

**45b winter. Modern European Political Theory.**

Studies the political thought of Western Europe from the French Revolution to the present.

The background of American political thought is stressed.

**45c spring. American Political Theory.**

The growth of American political thought from the Colonial period to the present.

**DEPARTMENT OF GREEK.**

Dr. Lockhart.

**11. Elementary Greek (nine term-hours). 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 term-hours). M. W. F. 11:30.

Offered in 1924-25 and alternate.

Fall: Further selection 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

Each group marked a, b, c, is a distinct course and may be sub-divided only for imperative reasons.

Requirements for a Major in History:

**Major** 36 term-hours in History, which must include nine term-hours each in American, English, and European.

**First Minor** 27 term-hours in Government or Economics, or Sociology, or Philosophy.

**Second Minor** 18 term-hours in another of the above subjects, or a Modern Language, or Education.

**Prescribed:** Government, (nine term-hours).

**Note.—Minor—**Student presenting History as a

First Minor must include 18 term-hours from English, American, and European History.

11. **European History** (nine term-hours) M. W. F. 8:00; M. W. F. 9:00; T. Th. S. 10:30.

Must precede any other history course, unless an extra strong High School preparation in History can be shown.

11a Fall. **History of Medieval Europe.**

Preliminary study of the Ancient nations and their contributions to later peoples. Trace the development of Europe and its civilization from the decline of the Roman Empire to the close of the fifteenth century; from the comparatively unitary ancient period to modern nationalism.

11b winter. **Modern Europe to 1815.**

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

11c spring. **Europe Since 1815.**

Congress of Vienna, Industrialism, Colonial Expansion, Democracy, Unification of Italy, and of Germany, Balkan States, The Great War, and Reconstruction.

21. **England and Greater Britain** (nine term-hours). M. W. F. 10:30; T. T. S. 8:00.

Prerequisite: History 11, or four years of high school history.

21a fall. **From the Beginning of English History to the Close of Elizabeth's Reign.**

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

21b winter. **England and Great Britain from 1603 to 1815.**

Puritan Revolution, Bill of Rights, Mistress of the Seas, Colonial Expansion, Loss of the American Colonies, Struggle against Napoleon.

**21c spring. British Empire Since 1815.**

Political and social reforms, growth of democracy, forming the British Empire, Extension of Colonial Possessions, Great War, and Reconstruction.

**24. History of the United States (nine term-hours)**  
M. W. F. 11:30.

Prerequisite: History 11, or History 21.

**24a fall. Colonial Period 1492 to 1783.**

European background, European claims in America, Exploration and Settlement, Development of the Colonies, Independence.

**24b winter. United States, 1783 to 1865.**

Critical Period, organization of the Government, growth in territory and population, social and industrial development, slavery controversies, Civil War.

**24c spring. United States Since 1865.**

Reconstruction, Immigration, Rapid Growth of the West, Great War and New Problems.

**31. Advanced Work in European History (nine term-hours) Summer term 1924.**

Prerequisite: History 11 and one other year of college history.

**31a Revolutionary Period in Europe 1789 to 1815.**

Critical study of the conditions and events leading to revolution, the French Revolution, the Napoleonic Period, and Results.

**31b German Militarism and Reconstruction.**

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.

**31c Contemporary European History.**

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. The Washington Conference. The Turkish Nationalists and Lausanne Conference.

34. **Latin American History** (nine term-hours) T. T. S. 8:00.

For Juniors and Seniors.

- 34a fall. **The Colonial Period.**

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.

- 34b winter. **Period of Independence.**

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

- 34c spring. **United States and Latin America.**

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

41. **History of the Far East** (nine term-hours) T. T. S. 9:00.

Prerequisite: Two years of college history.

1924-25, alternating with History 44.

- 41a fall. **History of Japan.**

Origin, growth, and characteristics of old Japan; contact with the West; transformation; a world power; Japan's part in the Great War and in the Washington Conference; present day situation.

- 41b winter. **History of China.**

Beginning and development of a great center of civilization; Chinese Culture; spheres of influence; plans to dismember China; relations with Japan; from empire to republic; Washington Conference; present problems.

- 41c spring. **History of India.**

Character of the country and its peoples;

Hindu ideals; the Moguls; British influence; political and social movements; part in the Great War; new problems; the New Government.

44. **History of the Near East** (nine term-hours) T. S. 9:00.

Prerequisite: Two years of college history.  
Offered in 23-24, alternating with History 41.

- 44a fall. **The Ancient Period 5000 B. C. to 600 A. D.**

Importance of the Near East in World History, Ancient Egypt, Babylon, Assyria, Persia, Israel, Phoenicia, Greece, and the Roman Empire in the East.

- 44b winter. **Medieval and Early Modern Period, 600 to 1800 A. D.**

Byzantine Empire; Mohammed, the Saracen Empire, and the Caliphate; the South Slavs in the Balkans; the Seljuk Turks and the Crusades; the rise and decline of the Ottoman Turks.

- 44c spring. **The Near Eastern Question.**

Struggles to control the route to India from Napoleon to the present; problem of the "Sick Man's dominions; Independence of the Balkan States; the Great War and the Near East; attempt to exclude the Turks from Europe; the Turkish Nationalist Movement; present situation.

- 38f. **History of Democracy.** Fall (three term-hours) T. T. S. 11:30.

For Juniors and Seniors. Beginnings 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.

- 30w. **History of Texas and the Southwest.** Winter  
(three term-hours) T. T. S. 11:30.  
Prerequisite: History 24.  
Exploration and settlement of that part of the United States formerly claimed by Spain; acquisition of this territory by the United States; Spanish influence in this part of the United States; special emphasis on the settlement, growth and development of Texas.
- 40s. **Teaching History in Secondary Schools.** Spring  
(three term-hours) T. T. S. 11:30.  
Prerequisite: Two years of college history and one or more in Education.  
Methods of teaching history in secondary schools; making courses of study; comparison of texts; uses of sources and readings; placing of emphasis; equipment.
39. **The development of the British Empire, Summer, 1923** (three term-hours).  
For Juniors.  
Colonial expansion; government of the colonies; relation of England to the colonies; establishing dominions and their relation to England; effect of the Great War on the status of the dominions; tendency toward the establishment of the British Commonwealth of nations.
29. **Survey of the History of the United States. Summer 1923.** (three term-hours).  
For Sophomores.  
The causes, progress, and results of the leading movements in the History of the United States. A rapid survey of the institutions and policies of the country; immigration and the forming of an American race and American ideals.

#### DEPARTMENT OF LATIN

Miss Phares.

11. **Freshman Reading Course** (nine term-hours).  
M. W. F. 9:00.

Prerequisite: Four units of high school Latin. 11a fall. Cicero's essay, *De Amicitia*. Emphasis upon the life and times of Cicero. The relation between Greek and Roman thought. A comparison with the essays of Emerson, Thoreau, and others.

11b winter. Terence's comedy, *Phormio*. A study of the differences in syntax between early Latin and that of the Augustan period. Lectures on the development of comedy in Greek and Roman literature.

11c spring. Catullus—selections from his shorter lyrics and elegiac poems. Library readings from Sellar's *Roman Poets*. Drill in scansion of the meters most often used.

Additional courses may be offered to accommodate those who desire more than one year of college Latin.

## DEPARTMENT OF MATHEMATICS

Professor Hargett.

Associate Professor Tucker.

Requirements for a Major in Mathematics:

**Major**—36 term-hours in Mathematics, which may not include more than one of the following courses: 14, Surveying; 20, Math. of Finance; 25, Graphic Mathematics; and 30, the teaching of Mathematics in Secondary Schools.

**First Minor**—27 term-hours in Chemistry, or Geology.

**Second Minor**—18 term-hours in Physics, or a Modern Language (preferably French or German), or Education.

**Prescribed:** Physics, 27; and for students preparing to teach Mathematics, Math. 30.

**Minor**—A student presenting Mathematics as a First Minor must have Physics 27, and must have 24 term-hours of Math., exclusive of courses 14, 20 and 25. If preparing to teach Mathematics, he should take Math. 30.

The Freshman courses 11 a, b and c are required for the A. B., and these with 25 for the B. S. If taken in the Junior or Senior years, Math. 11 will count for two-thirds credit only.

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

11. **Freshman Required Mathematics** (nine term-hours).

11a fall. **College Algebra.**

Mr. Hargett.

Sec. I. T. Th. S. 8:00 and M. 12:30.

Sec. III. M. W. F. 9:00 and M. 12:30.

Sec. V. T. Th. S. 9:00 and S. 10:30.

Mr. Tucker.

Sec. II. T. T. S. 8:00 and S. 11:30.

Sec. IV. M. W. F. 8:00 and S. 11:30.

Sec. VI. T. T. S. 10:30 M. 1:30.

Sec. VIII. T. T. S. 9:00 and M. 1:30.

This course comprises rational fractions, powers, roots, graphs, discussion of the quadratic equations, simultaneous quadratics, inequalities, binominal theorem, and logarithms. Text: Rietz and Crathorne.

Prerequisite: Plane Geometry 1 unit, Algebra  $1\frac{1}{2}$  units.

11a winter. **College Algebra.**

Mr. Hargett.

Sec. I. M. W. F. 9:00 and M. 12:30.

Mr. Tucker.

Sec. II. M. W. F. 10:30 and M. 1:30.

11b winter. **Plane Trigonometry.**

Mr. Hargett.

Sec. I. T. T. S. 8:00 and M. 12:30.

Sec. III. T. T. S. 9:00 and M. 12:30.

Mr. Tucker.

Sec. II. T. T. S. 8:00 and S. 11:30.

Sec. IV. M. W. F. 8:00 and S. 11:30.

This course comprises trigonometric functions, and inverse functions and formulas dealing with their relations; trigonometric equations; the solution of right and oblique triangles. Text: Passano.

Prerequisite: Mathematics 11a.

**11b spring. Plane Trigonometry.**

Mr. Tucker.

Sec. II. M. W. F. 8:00 and M. 1:30.

Sec. I. M. W. F. 10:30 and M. 1:30.

**11c winter. Plane Analytical Geometry.**

Mr. Tucker. T. T. S. 9:00.

This course comprises co-ordinates, equations, straight line, circle with short discussion on the parabola, ellipse, and hyperbola.

Prerequisite: Mathematics 11 a and b.

**11c spring. Plane Analytical Geometry.**

Mr. Hargett.

Sec. I. T. T. S. 8:00.

Sec. III. M. W. F. 9:00.

Sec V. T. T. S. 9:00.

Mr. Tucker.

Sec. II. T. T. S. 8:00.

**14s. spring. Surveying.**

Mr. Tucker.

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

Prerequisite: Mathematics 11 with a good record.

(Offered in 24-25 and alternate years).

**21. Calculus (nine term-hours). M. W. F. 9:00.**

Prerequisite: Mathematics 11. Text: Love.

**21a fall. Differential Calculus.**

Mr. Tucker.

An elementary course.

**21b winter. Differential Calculus.**

**21c spring. Integral Calculus.**

- 25w. **Graphic Mathematics.** (three term-hours).  
T. Th. S. 11:30. Mr. Hargett.  
This course comprises many of the applications of the Mathematics used in Chemistry, Geology and Biology. Required for B. S. degree.  
Prerequisite: Mathematics 11.  
(Offered '24-25 and alternate years).
- 20s. **Mathematics of Finance.** (three term-hours).  
Mr. Hargett. M. W. F. 10:30.  
This course comprises interest, discount, annuities, insurance, operations of funds, mathematics of depreciation, and many other problems in the mathematics of finance.  
Prerequisite: Mathematics 11.
- 24f. **Advanced Analytical Geometry.** (three term-hours). Mr. Hargett. M. W. F. 11:30.  
Wilson and Tracy's text completed.  
Prerequisite: Mathematics 11.
- 26f. **Statistics** (three term-hours).  
Mr. Hargett. M. W. F. 12:30.  
This is a lecture course explaining the methods of statistical work, and giving by means of practical problems a thorough drill on the principles involved.  
Prerequisite: Mathematics 11.
- 30w. **The Teaching of Mathematics in the Secondary Schools.** (three term-hours).  
Mr. Hargett. T. T. S. 12:30.  
This course comprises the theory of teaching Algebra and Geometry in the High Schools. Observations will be done in the schools of Fort Worth.
- 36f. **Advanced College Algebra** (three term-hours).  
Mr. Hargett. M. W. F. 11:30.  
Completion of Text: Rietz and Crathrene.  
Prerequisite: Mathematics 11c.  
(Offered in '24-25 and alternate years).

- 34w. **Theory of Equations** (three term-hours).  
 Mr. Hargett. M. W. F. 11:30.  
 Text: Cajori.  
 Prerequisite: Mathematics 36.  
 (Offered in '24-25 and alternate years).
- 44w. **Advanced Calculus** (three term-hours).  
 Mr. Hargett. M. W. F. 11:30.  
 This course comprises the study of curvature, partial differentiation, envelopes, singular points, series, expansion of functions, applications to the geometry of space. Successive and partial integration.  
 Prerequisite: Mathematics 21.
- 42s. **Differential Equations** (three term-hours).  
 Mr. Hargett. M. W. F. 11:30.  
 This course comprises the solution of differential equations involving two variables.  
 Prerequisite: Mathematics 21.
- 38f. **Astronomy** (three term-hours).  
 Mr. Hargett. M. W. F. 12:30.  
 This course comprises a study of the celestial sphere; reference lines and astronomical measurements; the solar system; laws of motion; evolution; stars; comets; nebulae; structure of the universe.  
 Prerequisite: Mathematics 11a and b.

## DEPARTMENT OF MODERN LANGUAGES

Dr. Davidson, Prof. Merrill.

Instructor, Riley Aiken.

Requirements for a Major in Modern Language:

**Major**—36 term-hours in French or Spanish.

**First Minor**—27 term-hours in the other of these subjects.

**Second Minor**—18 term-hours in Education, or English, or Latin, or German.



**French**

11. **First Year French** (9 term-hours) T. Th. S. 9:00.  
and M. W. F. 11:30.  
Text Books: Chardenal, Complete French Grammar, revised; Monvert, La Belle France; Labiche and Martin, Le Voyage de M. Perrichon, or La Poudre aux Yeux.
21. **Second Year French** (9 term-hours). T. Th. & S.  
11:30.  
Review of grammatical principles, and work on irregular verbs; some Scientific French.  
Text Books: Carnahan, Short Review Grammar; Daudet, Neuf Contes Choisis; Buffum, Short Stories.  
Prerequisite: Two years of high school French or one year of College French.
24. **French Conversation** (3 term-hours). Hour to be arranged.  
This is a fourth hour for all students who have had French 11, and who are interested in learning to speak French.
31. **Third Year French** (9 term-hours). T. Th. & S. 10:30.  
Study of advanced French Composition, and of Modern French Drama, (1923-24).  
Text books: Armstrong, Syntax of the French Verb; Dumas Question d'Argent; Hervieu, la Course aux Flambeaux; Hugo, Hernani; etc.  
Prerequisite: Four years of High School French or two years of College French.
41. **Fourth Year French** (9 term-hours). M. W. F. 10:30.  
A survey course. Lectures and reports from assigned readings on the general development of French literature during the 18th and 19th centuries.

**German.**

11. **First Year German** (9 term-hours). M. W. F. 10:30.  
Text books used: Vos's "German Grammar;" Wesselhoeft, "Exercises in German Conversation and Composition;" Storm, "Immemnsee;" Heyse, "L'Arrabbiata;" Scientific Reader.
21. **Second Year German** (9 term-hours).  
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, "William Tell."  
Prerequisite: Two years of high school German, or one year of College German.

**Spanish.**

11. **First Year Spanish** (9 term-hours). Sec. I. T. Th. S. 8:00; Sec. II. and III., 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.
21. **Second Year Spanish** (9 term-hours). Sec. I., M. W. F. 8:00; Sec. II. and III., M. W. F. 10:30.  
Advanced grammar and conversation. Composition. Reading of short stories.  
Prerequisite: One year of College Spanish or two years of High School Spanish.
31. **Third Year Spanish** (9 term-hours). M. W. F. 11:30.  
Reading of modern Spanish literature. Commercial correspondence, conversation.  
Prerequisite: Two years of College Spanish or three years High School Spanish.
41. **Fourth Year Spanish** will be offered when called for.

## DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY.

Professor E. W. McDiarmid

**Prescribed** for the A. B. or B. S. degree: Nine term-hours in Psychology 21, and 6 term-hours chosen from Phil. 22, Phil. 23, Psych. 25, Psych. 32.

**Majors and Minors** in Philosophy and Psychology: A Major is not available in either Psychology or Philosophy. Psychology may be offered as a **First Minor** (27 term-hours) with a Major in Sociology, or as a **Second Minor** (18 term-hours) with a Major in Sociology, or Biology.

Philosophy may be offered as a **First Minor** (27 term-hours) with a Major in English or History; or as a **Second Minor** (18 term-hours) with a Major in English or History.

**Required** Sophomore course. For those who minor in Psychology or prepare for teaching, Psychology 21, 25 and 32 are advised; for a general course, Psychology 21, Phil. 22, Phil. 23. Pre-medic students should include Psych. 24; Bus. Admin. students should include Psych. 24. Psych. 21 is prerequisite to all other courses.

### Psychology.

21f. **Elementary Psychology** (three term-hours).  
Section I, T. Th. S. 10:30; Sec. II, T. Th. S. 9:00.

25w. **Applied Psychology** (three term-hours). T. Th. S. 10:30.

The application of the principles of practical Psychology to the problems of individual and social welfare. The special subjects selected for study will be determined after consultation with the class.

- 24s. **Experimental Psychology** (three term-hours).  
M. W. F. 8:00; Th. 1:30.  
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.  
Prerequisite: Psychology 21.
- 35f. **Social Psychology** (three term-hours). M. W. F. 9:00.  
Prerequisite: Psych. 21.
- 36w. **Abnormal Psychology** (three term-hours). M. W. F. 9:00.  
A study of dreams, hypnosis, mental telepathy, psychoanalysis, psychical research, spiritism, insanity, etc.  
Prerequisite: Psych. 21.
- 32s. **Advanced Psychology** (three term-hours). M. W. F. 9:00.  
Attention, feelings, emotions and the will.  
Prerequisite: Nine term-hours in Psychology.
35. **Psychology in Education** (six term-hours). T. Th. S. 11:30.  
Ed. 35a **Child Study** (three term-hours). Same as Education 35a, formerly Ed. 22.  
Ed. 35b **Adolescence** (three term-hours). Same as Education 35b.
- 33s. **Psychology of Religion** (three term-hours). T. Th. S. 11:30.  
A study of application of the methods of modern Psychology to the problems of religion. The religious instinct, its development and appearance; conversion, mysticism, spirituality.

**Philosophy**

22w. **Elementary Logic** (three term-hours). T. Th. S. 9:00.

23s. **Elementary Ethics** (three term-hours). T. Th. S. 9:00, T. Th. S. 10:30.

34. **History of Philosophy** (nine term-hours). 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.

39s. **Philosophy of Religion** (three term-hours). 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.

This course alternates with Psych. 33 and will not be offered in 1923-24.

40. **Advanced Philosophical Studies** (nine term-hours). M. W. F. 11:30.

Prerequisite: Phil. 34. Offered in 1924-25 and alternate years.

a **Plato.**

Source study, lectures and a thesis.

b **Kant.** (Formerly 41).

c **Recent Philosophy.**

Special interest in this course centers in the philosophy of James, of Eucken and Bergson, readings, lectures and papers.

## PHYSICAL TRAINING

Mr. Roberts, for Boys.

....., for Girls.

Each student is enrolled for a regular class in Physical Training, reporting three hours a week, as for any other class. Membership on an athletic squad serves as a regular course. Class work consists of calisthenics on the Gym floor, supervised ball of various kinds, in the courts, swimming, etc.

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

A physical examination, required of every student soon after matriculation, is conducted by the Medical Director without extra fee.

All these regulations apply to girls as well as boys.

Day students carrying only one or two subjects are not required to enroll for Physical Training.

Exemption from taking Physical Training may be granted in rare cases by the Dean on grounds of age, or ill health; in the latter case the Medical Director must approve.

The new complete and beautiful Gymnasium building makes possible a program of supervised Physical Training that will keep every student developed, as an ordinary program of College Athletics cannot do. The aim of this department is to keep every student in the University physically fit, provide supervised recreation, develop sound constitutions, and encourage those habits of physical culture that will equip every individual with a health program for life.

# THE BRITE COLLEGE OF THE BIBLE

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## BOARD OF TRUSTEES:

(Terms Expire July 1 of Year Named.)

L. D. Anderson, Secretary, Fort Worth.....	1924
L. C. Brite, Vice-President, Marfa.....	1924
A. C. Parker, Dallas.....	1924
Dr. Bacon Saunders, President, Fort Worth.....	1925
James Harrison, Treasurer, Fort Worth.....	1925
John W. Kerns, Waco.....	1925
Eugene H. Holmes, Cisco.....	1926
Van Zandt Jarvis, Fort Worth.....	1926
Andrew Sherley, Anna.....	1926

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## 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., M. R. E.**

*Professor of Religious Education.*

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

## THE SCOPE OF WORK OFFERED

The original purpose of the College is to train men and women who will devote their lives to the preach-



ing 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:

1. The B. D. Course.
2. The Missionary Course.
3. The Religious Education Director Course.
4. The Church Secretary Course.
5. The English Bible Course.

### 1. The Bachelor Divinity Course

This is the standard degree for the completion of a full three-year "theological" course based on the Bachelor's degree. It comprises the full list of Bible Studies, requiring two years of Biblical Greek, and offering Hebrew as optional.

One who desires the best preparation for the ministry should not think of taking less than this course for his preparation for life service. The requirements are:

1. The degree of Bachelor of Arts is a prerequisite. Thirty-six term-hours of Bible are allowed to count on the A. B. and to re-count on the B. D. Only courses taken while the student is a Junior or Senior will count on the B. D.

2. 135 term-hours of work in the College of the Bible, (including the 36 re-counted from the A. B.) Most of this work is specified, and will be found outlined in the tabulated list below.

3. 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 re-counted; in this case it does not count in the number for B. D., but will satisfy the requirements for Hebrew.

## 2. 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 re-counting 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.

### 3. The M. A. in Religious Education Course

This course requires about a year's work beyond the A. B., all of which must be of graduate character. It is designed especially for those students who are specializing in Religious Education with a view to becoming Directors of Religious Education. It affords, however, a sufficient breadth to satisfy the needs of the regular minister in many fields. It should not be substituted as a rule for the B. D., which is after all the recognized professional degree of the minister.

Its requirements are:

1. The A. B. Degree is a prerequisite. A major in Sociology is advised.
2. 81 term-hours in the College of the Bible, 36 of which may be counted also on the A. B. The other 45 of which must be numbered in the 30's or 40's; and 45 of them must be taken after the 180 term-hours for the A. B. have been completed.
3. A Thesis; written under the direction of the professor in whose field the student chooses to major. The subject for the Thesis must be chosen and approved in the fall term, and the work done under frequent consultations with him; it must be handed to the Dean for inspection two months, and be in final form one month prior to the date of graduation.

Upon completing these requirements the student will receive from the College of the Bible the degree of Master of Arts in Religious Education.

### 4. The Church Secretary Course

There is an increasing demand for women as full time employed workers in the local church. But these must be trained to fit the task. The usefulness of the church in a community is multiplied by the services

of a trained church visitor, a trained church secretary, or pastor's assistant.

The Religious Education Director's Course described above is recommended for the completest preparation for this service. But some will require a shorter course. So the following two years' course is recommended for those who cannot spend longer time:

1. English, equivalent to three years of High School English; and two years of High School History. A practical mastery of English for use as a Secretary or Stenographer is required, and is very important. This can be secured in the Tutor Classes.
2. The ability to use the typewriter and to take dictation in shorthand must be secured. If the student does not have this already, it can be secured in the Tutor Classes provided by the College, but this is in addition to the regular course outlined below.
3. The following courses in the College of the Bible and the College of Liberal Arts:

First Year.	Second Year.
Term-Hours	Term-Hours
English 11 ..... 9	Rel. Educ ..... 18
Bible 11, 12 (Acts)..... 9	Church Hist. .... 3
Bible 23 (O. T. H.)..... 9	Educ. 22 ..... 6
Rel. Educ. .... 9	Sociol. 24 ..... 9
Gospels 24 ..... 9	Sociol. Chr. .... 3
	Social Service ..... 3
	Missions ..... 3
—	—
45	45

Upon the completion of these requirements, the student will receive a certificate, recommending him for a church position.

### 5. The English Bible Course

For the mature man, who has not completed a High School training, and whose family responsibility and age make it unwise for him to spend seven or more years in college, this English Bible Course is devised,

It is a three-years' course, requiring a minimum of literary study with much work in the Bible, as experience has shown such a student will need in the practical ministry.

Younger students with time for the full course may not take this course.

Its requirements are:

1. Seven units of High School work, which must include three units in English and two in History and two elective. These may be taken in the Tutor Classes of the Brite College as explained below.
2. Three years' work, 135 term-hours, of which 39 term-hours are in the College of Liberal Arts and 96 in the College of the Bible.

The following is the list of courses required, with the privilege of some substitute when needed:

First Year.	Second Year.	Third Year.
Term-Hrs.	Term-Hrs.	Term-Hrs.
Bible 11 (Acts) ... 9	History 11 ..... 9	Church Hist. 44... 9
Eng. 11 ..... 9	Gospels 24 ..... 9	Phil. 21, 22, 23... 9
Bible 23	Herm. and Exeg. 9	Sociol. 24 ..... 9
(O. T. Hist.)..... 9	Missions 26 ..... 3	Rel. Educ. .... 9
Doctrine Prac. .... 9	Homiletics	Soc. Christian'y ... 3
Rel. Educ. .... 9	& P. D. .... 6	Social Service .... 3
	Pulpit Spk. .... 3	Missions 47 ..... 3
	O. T. Lit. 32..... 6	
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45	45	45

On completing these requirements, the student will be given a diploma in English Bible.

### Tutor Classes: For Those Without the High School Preparation

As a rule students under 20 years of age should complete the High School in their home town, or one near by, before coming to the College of the Bible; for no work can be done toward an A. B. degree until the High School work is completed. Only in excep-

tional cases will the young student be received before he finishes High School.

But for maturer students who cannot go to the High School, provision is made. While the University conducts no academy, the Brite College of the Bible provides tutors to teach these mature students the High School English and History they may lack for making up the English Bible or other courses. No other students than these maturer, ministerial students are provided for by these Tutors.

The groups are small, the students are mature and eager to progress; and the teachers are themselves ministerial students interested in the welfare of their pupils. Consequently, the progress is more rapid and the results more thorough than in the usual Academy.

The expense of these classes is additional, but no worthy student will be deprived of them for lack of means.

With this arrangement, no consecrated student need ever to turn away from the career of a minister for lack of opportunities for 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, except the two outlined above.

Column I indicates 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 indicates its value in terms of term-hours. A term-hour 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 term-hours, for three terms is worth nine term-hours, etc.

Column III lists the studies required for the B. D. course; Column IV for the Missionary, Column V for the Religious Education.

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.
23	O. T. History .....	9	9	9
31	Mes. Proph. (6).....			
32	O. T. Lit. ....	6	6	
33	Monuments (3) .....			
24	Gospels .....	9	9	9
11	Acts .....	6	6	

## Exegesis and Doctrine

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

## Criticism

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

## In Hebrew and Greek

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
26	Missions Hist. ....	3	3	3
21	Apostolic Hist. ....	3	3	3
47	Missions Mod. ....	3	3	3

## In Practice

	Church Music .....	3	3	3
36	Homiletics & Pastoral Duties	6	6	3
	Rel. Educ. Dept. ....	9	12	27
45	Social Chr. ....	3	3	3
46	Social Service .....	3	3	3
16	Pulpit Speak. ....	3	3	3
39	Phil. Rel. ....(3)			
33	Psych. Rel. ....(3)			
	Electives .....	21		

Total.....	135	96	81
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**COURSES OF INSTRUCTION (In Detail)****Department I. The Bible in English**

- 23 **Old Testament History** (nine term-hours), T. Th. S. 9:00.  
Text: American Standard version of the Old Testament, with library references, and lectures. (1920 and before, this was 13). Mr. Billington.
- 31 **Old Testament (Messianic) Prophecy** (six term-hours).  
Only in summer term. Dr. Lockhart.
- 32 **Literature of the Old Testament** (six term-hours). T. Th. S. 12:30. f. w.  
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.
- 33 **Monuments and the Bible** (three term-hours). T. Th. S. 12:30. Spring.  
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 term-hours). 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. Mr. McPherson.
- 11 **Acts of the Apostles** (six term-hours). T. Th. S. 10:30. f. w.  
A careful study of the book "Acts of Apostles," with origin and early work of Christian Church. Mr. McPherson.
- 12 **Later Apostolic History** (three term-hours). T. Th. S. 10:30. s. Continuation of 11.  
History of the Work of the Apostles following

- Paul's arrival in Rome as gleaned from The Epistles and other sources. Mr. McPherson.
- 34 **Hermeneutics** (three term-hours). T. Th. S. 1:30. f.  
The fundamental principles of interpretation, with practice in the use of Scripture passages; using as textbook Lockhart's "Principles of Interpretation." Dr. Lockhart.
- 35 **Exegesis of Epistles** (six term-hours). T. Th. S. 9:00. w. s. Continuation of 34.  
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 term-hours). 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 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.
- 40fw **Christian Doctrine** (six term-hours). T. Th. S. 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 term-hours).  
hours).  
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. Offered 1923-24 and alternate years.

- 43w **Old Testament Introduction** (three term-hours). Offered 1924-5 and alternate years.  
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 lectures have covered a wide range of subjects. Topics for this year and the hour will be announced.

### **DEPARTMENT II. The Bible in Hebrew and Greek**

- 39 **Hebrew I. Beginning Hebrew** (nine term-hours).  
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 1923-24 and alternate years. Dr. Lockhart.

- 48 **Hebrew II. Readings and Syntax** (nine term-hours).

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 1924-25 and alternate years.

- 49 **Hebrew III. Exegesis in the Prophets** (six term-hours).

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with textual criticisms. Dr. Lockhart.

- 36 **New Testament Greek** (nine term-hours). 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 LXX, and Burton's Moods and Tenses, with reference to Buttman and Winer. Prerequisites, two years in Classical Greek. Dr. Lockhart.

- 41 **Greek Exegesis** (nine term-hours). 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 alternate years, when demanded. Dr. Lockhart.
- 47 **Hellenistic Greek** (six term-hours). 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 term-hours). M. W. F. 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 term-hours in College of Arts). Mr. McPherson.

### DEPARTMENT IV. The Church: in Its Activities

- 36 **Homiletics, Sermon Building and Pastoral Duties** (six term-hours). T. Th. S. 11:30. The principles of sermon construction will be studied with the use of text-book and lectures; sermons will be prepared and discussed in the class room; 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.

45 **Social Christianity** (nine term-hours). T. T. S. 10:30. f. w. s.

A study in the teachings of the Bible as they relate to Social problems, tracing these applications through Church History; and applying them to present day conditions.

a. **The Social Teachings of the Bible**, fall.

A study of the social principles taught in the Bible, especially of Jesus. The purpose is not to lay out a set program for the preacher, but to acquaint him with the social application of its power, as applied to the life of the world.

b. **The Expansion of Christianity**, winter.

Tracing the development of the Church in territory and thought, and its influence on currents of thought.

c. **Social Service**. Spring.

A study in the forces of the present day church designed to apply the Gospel to Social conditions and problems; including plans and ideals for the rural church, the city church, and so forth.

## DEPARTMENT OF RELIGIOUS EDUCATION

Prof. F. E. Billington.

31. **General Training Course**. 8 T. T. S.

31a fall. **The Psychology of Religious Development**.

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.

31b winter. **How to Teach Religion.**

An application of the laws of teaching to the work of Religious Education. Open to students who have completed Rel. Ed. 31a or its equivalent.

31c spring. **The Organization and Administration of Religious Education in the Local Church.**

A comprehensive survey of the church school, organized to meet the needs of childhood, youth, and adult life. Practical consideration will be given to matters of equipment, administration, development of leadership, courses of instruction, training in worship, and expressional activities.

41. **Advanced Training Course.** M. W. F. 10:30.

41a fall. **The Principles of Moral and Religious Education.**

A course planned to cover both an examination of the principles that underlie moral and religious education, and the application of these principles to the work of moral and religious training in the home, the church, and the school.

42b winter. **Organization and Administration of City Systems or Religious Education.**

This course is planned for those students who are serving or planning to serve as directors of religious education and for other mature students who are professionally interested in the work of the director of religious education.

### 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: Purpose 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.

### 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, of Terrell, 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 received. In order to be fair to the churches and avoid abuse of the student-preacher work, all appointments are required to be made through the Committee consisting of the Dean, J. B. Holmes, Superintendent of Texas Missions, and three students.

A Brite College Evangelist is employed jointly with the Texas Missionary Board, for the purpose of developing the smaller churches, and locating with them the student preachers. This is not only a good missionary work, but assures prepared students of appointments.

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.

### 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 anyone 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 genuine candidates for the ministry, and who have the capacity and the industry to prove worthy investments.

In order to be true to his 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 wor-

thy attendance upon the exercises to which he is due, as well as a voluntary Christian activity.

5. Students who use tobacco, or other extravagances, will be ineligible to receive any financial aid from the University.

6. "Tuition" as listed in the General Catalog under Rates at \$160 per session includes some fees. The tuition covered by these "Tuition Credits amounts to \$117 a session.

No tuition credit is given for the summer term.

### FEES

**General Fee** is paid by every student, and entitles him to the use of the Library, membership in Oratorical Association, and other general facilities.

**Medical Fee** is payable by every dormitory student, and entitles him to the regular care of the University physician, 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. It has been \$4.50 or \$5.00 recently.

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 .....	\$15.50	\$13.25	\$14.25
Medical Fee .....	5.00	5.00	5.00
Room Rent Goode Hall.....	14.00	11.00	12.00
(50% extra when occupying a room alone).			
Board, estimated .....	65.00	55.00	55.00
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 .....	\$ 43.00	\$ 43.00	\$ 43.00
Medical Fee .....	15.00	15.00	15.00
Room Rent .....	37.00	37.00	58.00
Board .....	140.00	155.00	185.00
Tuition .....			23.00
Books .....	10.00	15.00	25.00
Laundry, etc. ....	10.00	20.00	30.00
	<u>\$285.00</u>	<u>\$285.00</u>	<u>\$384.00</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 SCHOOL OF FINE ARTS

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EDWARD McSHANE WAITS, A. B.,  
*President of the University.*

HENRY D. GUELICK, A. B., B. MUS., MUS. DOC.,  
*Professor of Piano and Theory, Director of Music  
Department.*

DURA BROKAW COCKRELL, A. B., A. M.,  
*Principal of Department of Painting and Drawing.*

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*Principal of Department of Spoken Word.*

BERNICE CARLETON, B. MUS.,  
*Instructor Violin and Theory.*

MARY ELIZABETH MOUTRAY,  
*Instructor Voice.*

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*Instructor Piano.*

Assistants in All Departments.

### Relation to the University

Very distinct advantages are gained by the fact that the School of Fine Arts is an integral part of the University. It contributes a spirit of culture to the academic life, and receives in return a spirit of thoroughness and breadth which is often lacking in musical education.

The student who takes music, art or expression thus in connection with a University, gains more than the joys of "College life" in all its attractive phases. Here is the opportunity to carry along one's literary education at the same time, which cannot be done in a conservatory or by private teachers.

It is possible also in the University atmosphere for the student to require of himself a more regular and systematic schedule of study; more thoroughness in the study of the theory of the arts, and a better facility for public recital and concert playing.

The student is given the full benefit of these advantages. A system of checking the hours of practice, as well as the periods of recitation, supervised by monitors, assures both pupils and parents of thorough application.

Much is made of the classes in theoretical music, the point wherein the average music teacher fails. Credit for these courses is recognized towards the B. A., degree.

The courses require a goodly portion of literary work, for this helps to counteract the one-sidedness of the musical training so commonly noted.

The city of Fort Worth is a great musical center of the Southwest and many unusual advantages are offered the student to hear the recitals and concerts of world renowned artists.

The aim, therefore, is to send out graduates who are not only artistic but who possess a real cultural education.

### .Organization

The School of Fine Arts has three departments.

1. The Department of Music.
2. The Department of Art.
3. The Department of the Spoken Word.

### GENERAL INFORMATION

**Special Students.** Any person may enroll in any class in the School of Fine Arts for which he can show preparation and ability to carry the work assigned; or may enroll for private lessons in any subject offered.

**Regular Students.** Students who intend to follow a course leading to a degree, or a diploma or certificate, are classified as regular students.

**Entrance Requirements for Regular Students.** 15 units of high school work approved by affiliation or examination, including 3 units in English, 2 in History, 2 in Mathematics, are the entrance requirements. It is strongly urged that they should include 2 in Foreign Languages and one in Physics. For full details see Requirements for Entrance into the College of Arts and Sciences.

**Registering.** Each student should report to the head of the department he wishes to enter and be 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 eighteen 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 director of music. Only by special permission from the teacher will two pupils be allowed in one room during practice period, and then only for accompanying. Only pupils engaged in the study of music for the term may use these rooms for practice.

**Scholarships.** The School of Fine Arts offers a full scholarship in voice to the pupil who shows the most ability in voice.

**Glee Clubs.** The Men's 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 their splendid programs prepared and given not only in Fort Worth, but throughout the state, as well as in Radio Concerts.

**Orchestra and Band.** The regular school orchestra and band are among the noteworthy features of the music department. All students playing orchestra or band instruments, have an opportunity to acquire invaluable experience through the medium of the training offered in this form of ensemble playing. The orchestra plays a most important part in all school activities, playing for every school service and at every important event during the year.

**Faculty Recitals.** One of the most helpful features of the School of Fine Arts are recitals given by different members of the faculty. The recitals are complimentary to the faculty and student body.

**Student Recitals.** Frequent recitals are given, for the students to accustom themselves to public appearance. Each student is expected to attend these recitals, as a part of the regular work. At the close of the year



a number of individual recitals are given by the advanced students.

**Extension Service.** The members of the faculty and the glee clubs are available for recitals and concerts. The School also provides lectures on musical subjects and art, for literary, music clubs and other organizations.

**Children's Piano Department.** Children are accepted as piano students and placed under the instruction of excellent teachers, at moderate rates.

**Piano Normal.** A training course is offered for those who plan to teach piano. This is a part of the regular course for those who desire a Teacher's Certificate. Supervised practice teaching is done as a part of the work. The student-teacher thus gains practical experience in the application of the best teaching methods.

**Secondary Piano.** This course must be pursued by candidates for graduation from the courses in voice, violin and public school music, until a satisfactory examination is passed. A test in sight reading is also required.

## THE DEPARTMENT OF MUSIC

The Department of Music offers complete courses of instruction in the three branches of music: Pianoforte, voice and violin. Instruction is given by private lessons, two half-hour periods a week, and by daily practice hours supervised by a monitor. The work is designed for student who wishes to prepare for a professional career, as teachers, or artists; and for others who desire a thorough training in the art and science of music. Beginners are received in the Preparatory Department where they are prepared for the regular advanced courses. The Department of Music offers three courses: leading to a Bachelor of Music Degree, a diploma and a certificate.

### Bachelor of Music Degree Course

The student who satisfies the entrance requirements and completes the course outlined below, will be granted a Bachelor of Music degree.

Freshman Year		Sophomore Year	
Piano, Voice or Violin, 11	9	Piano, Voice or Violin 21	9
*Theory of Music 11	3	*Harmony 21	9
*Form and Analysis 13	3	English 21	6
English 11	9	English 25	3
For. Language	9	For. Language	9
History 11	9	Psychol. 21f	3
Bible 15	3	Electives	6
<hr/>		<hr/>	
Total	45	Total	45
Junior Year		Senior Year	
Piano, Voice or Violin 31	9	Piano, Voice or Violin 41	9
*Counterpoint 31	9	*Hist. of Music 41	9
Junior Recital	6	*Orchestration 47	6
Bible 21	6	Senior Recital	9
Electives	15	Electives	12
<hr/>		<hr/>	
Total	45	Total	45

Students majoring in voice or violin must be able to play moderately difficult accompaniments. To meet this requirement, they will be allowed to study piano as an elective.

Eighteen of the thirty-three electives must be taken in the College of Arts and Sciences. Education is suggested for teachers. The remaining fifteen hours are general electives and may be taken in the Music Department or in any other department of the University.

Students who complete courses in Piano Normal and Practice Teaching, in the senior year, will be granted, in addition to the degree, a teacher's certificate.

Credit for starred courses will count towards the A. B., degree, but not more than thirty such credits may be offered by one student.

A student completing the above course will have

from 105 to 138 term hours towards the B. A. degree, depending upon electives.

### Diploma Course

A diploma will be awarded students who will entrance requirements and will complete following courses:

Piano, Voice or Violin, 11, 21 and 31. Theory of Music, 11. Form and Analysis, 13. Harmony, 21. Counterpoint, 31. History of Music, 41. Public Recital.

### Teacher's Certificate Course

A teacher's certificate will be granted students completing following courses and meeting entrance requirements.

Piano, Voice or Violin, 11 and 21. Theory of Music, 11. Form and Analysis, 13. Harmony, 21. History of Music, 41. Piano Normal, 45. Practice Teaching, 46.

## OUTLINE OF COURSES

### Piano

A systematically developed technical foundation is the first requisite in pianoforte playing. This is accomplished by carefully selected exercises and studies designed to bring about a conscious control of the muscles. As the student advances, interpretation becomes a special study. The various emotional, intellectual and physical faculties are brought into that harmony and control which alone results in artistic performance.

For admission to the collegiate course in piano, a student should have completed a limited number of etudes from the best composers such as Heller, Bertini and Loeschhorn; little preludes and easier compositions by Bach, and selections by modern standard composers.

11. **Freshman Year.** Piano, Piano studies, Czerny, op. 299, Berens, op. 61, Czerny, op. 533. Two-part Inventions by Bach, Octave Studies by Vogt. Sonata, selections and technic.
21. **Sophomore Year.** Piano. Etudes by Cramer, Czerny, op. 740, Bach's Three-Part Inventions, Moscheles, op. 79. Sonata, selections and technic.
31. **Junior Year.** Piano. Etudes by Clementi, Fugues and Suites by Bach, Octave Studies by Kullak. Sonata, selections and a public recital.
41. **Senior Year.** Piano. Selected etudes by MacDowell, Liszt, Schumann, Moszkowski and Chopin. Sonata, concerto and a more extended study of the principal classic and romantic composers. Public recital.

### Voice

Instruction will be devoted to the development of correct and artistic singing for each individual voice. In every grade the most careful attention will be given to those fundamental principles of correct singing which gives the student the proper and artistic use of his voice and insures his future by giving him a thorough knowledge of the use and development of his instrument.

Admission to the collegiate course is based, to a great extent, upon vocal equipment and aptitude. A knowledge of the elements of voice production, breath control, throat freedom, resonance, pure vocal sounds and diction as applied to singing, and practical application of foregoing in easy songs and ballads, constitute the preparatory training for the course that follows.

11. **Freshman Year.** Voice. Development of Flexibility, phrasing and tone coloring. Scales and arpeggi in all forms. Exercises from Gallozzi, Concone and Sieber. Masterpieces of Vocalization, sight-singing and songs.

21. **Sophomore Year.** Voice. Artistic phrasing and higher interpretation. Vocal embellishments. Vocalises and solfeggi selected from Lamperti and Bordoni. Masterpieces of Vocalization. Sight-singing and songs.
31. **Junior Year.** Voice. Recitatives and arias from standard operas and oratorios. Concerted singing. Songs in one foreign language. Vocalises of Concone, Panofka and Bordese. Songs and public recital.
41. **Senior Year.** Voice. Vocalises including complete use of singing technique. Individual interpretation. Repertoire. Italian, French and German songs. Knowledge of chief arias of oratorios and operas suitable to each voice. Public recital.

### Violin

No student may hope to be proficient in violin playing without a thorough understanding of violin technique. Special attention is given the art of bowing, and accuracy of intonation, which depends upon the ability to finger the strings correctly and with facility. As a result of careful instruction, an artistic performer with beauty of tone, grace and poise is produced.

Beginners are especially welcome, since they possess none of the faults which are so easily acquired in violin playing.

For entrance to the collegiate course, the candidate should be able to play studies from Hohman, Dancla and Sitt; the easier compositions of Maza, Mozart, Schumann and other standard composers.

11. **Freshman Year.** Violin. Violin studies, Kayser, op. 20, book 2. Schradieck Scales of Technique, Part 1. Dancla, op. 37. Violin solos and duets meeting needs of pupil.
21. **Sophomore Year.** Violin. Violin etudes by Sevcik, op. 8, Mazas, op. 36, book 2 and 3. Solos,

- quartettes, sonatinas of Handel, Beethoven and Grieg.
31. **Junior Year.** Violin. Studies and Caprices by Kreutzer, Fiorillo's Studies and Caprices, selected studies from Rode. Sonatas and concertos of old and modern masters. Ensemble playing. Public recital.
41. **Senior Year.** Violin. Selected etudes from Paganini and Gavinies. Chamber music. Concertos by Viotti and Mendelssohn. Sonatas by Handel and modern composers. Extended study of modern and classic selections. Public recital.

### Theory of Music

Any of the following courses may be taken as an elective towards a B. A. degree.

11. **Theory of Music** (three term-hours) T. Th. S. 11:30.  
Notation, musical terminology. Scales, intervals, elementary harmony.
12. **Ear-Training and Dictation** (three term-hours)  
Time to be arranged.  
Rhythmic combination of tones in key relation, leading to dictation of melodies of phrases and period length. Ear-drill upon intervals. Two-part dictation.
13. **Form and Analysis** (three term-hours) M. W. F. 10:30.  
Definition of vocal and instrumental forms. Detailed analysis from motive through the larger forms.
21. **Harmony** (nine term-hours) M. W. F. 11:30.  
Intervals. Chord structure. Diatonic and chromatic harmonies. Modulations and suspensions. Original exercises and keyboard work.
22. **Ear-Training and Dictation** (three term-hours)  
Time to be arranged.  
Advanced melodic dictation. Modulation, Two three and four-part dictation.

23. **Keyboard Harmony** (three term-hours) Time to be arranged.  
Progressive introduction of diatonic harmonies. Transposition. Harmonization of melodies. Improvisation in smaller forms. Application to memorizing.
31. **Counterpoint** (nine term-hours) M. W. F. 10:30.  
Melody writing. Progressive association of two, three and four melodic lines. Diversity of rhythmic movement.
32. **Advanced Form** (three term-hours) Time to be arranged.  
Continuation of Form and Analysis 13.
41. **Musical History and Appreciation** (nine term-hours) T. Th. S. 10:30.  
Critical study of development of music from primitive times to the present. Collateral reading. Social and political background under discussion.
42. **Ensemble** (three term-hours) Time to be arranged.  
A study of four and eight-hand piano compositions and arrangements of standard symphonies and overtures. Piano and strings and orchestral instruments in different combinations.
43. **Canon and Fugue** (three term-hours) Time to be arranged.  
Imitation. Canon in all intervals. Fugues in two, three and four voices.
44. **Composition** (three term-hours) Time to be arranged.  
Original work in different forms.
45. **Piano Normal** (three term-hours) Time to be arranged.  
Practical talks on various aspects of piano teaching. Suggestions regarding presentation of ideas to students. Discussion of tone production, pedaling, technic, interpretation, memorizing, teaching material, etc.

46. **Practice Teaching** (three term-hours) Time to be arranged.  
Practical application of Piano Normal. Supervised practice teaching. Round table discussion.
47. **Orchestration** (three term-hours) Time to be arranged.  
A study of orchestral instruments.

### Wind Instruments

Personal instruction is given in any of the wind instruments. Students have an opportunity of playing in the University Orchestra and Band, thus receiving the training in ensemble playing necessary for a real finish in the use of the instrument.

### PUBLIC SCHOOL MUSIC

Upon completion of the following two-year course, a special certificate in public school music, valid for three years, will be issued by the State Department of Texas. Upon the successful completion of three years of teaching during the validity of the special certificate a permanent certificate will be issued by the State Department.

First Year	Second Year
English 11 ..... 9	For. Lang. .... 9
Education 11 ..... 9	Electives (Psych., Bible, Sc. or Eng.) ..... 18
For. Lang. .... 9	Public School Music 12 ..... 12
Electives, from Sc., Hist., or Math. .... 9	Harmony 21 ..... 9
Public School Music 11 ..... 9	Voice, unless exam. is passed ..... 0
Voice, unless exam. is passed ..... 0	Secondary Piano, unless exam. is passed ..... 0
Secondary Piano, unless exam. is passed ..... 0	
45	45

11. **Public School Music** (nine term-hours) Primary Music, 1, 2, 3 and 4th grades.  
Study of aims and attainments in primary work.



Sensory period of child. Method of presenting material. Development of child voice. Special training of less musical children. Rhythmic development. Folk games, music appreciation. Ear-training and sight reading for teachers.

12. **Public School Music** (nine term-hours) Intermediate Music, for grades 5, 6 and 7.

Study of aims and attainments of children in the associate period. Methods of presenting problems, sight reading, ear-training, rhythmic development, voice culture training of less musical children. Creative work, music appreciation. Better music contest. Ear-training and sight singing for teachers.

## DEPARTMENT OF ART

Mrs. E. R. Cockrell, Principal

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 excellent. 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.

### Courses

**Public School Art.** A teacher's training course is given 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 note book 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 pre-

pared 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.

**Interior Decorating.** The art of home decoration is a subject of such universal appeal that students in other departments, especially that of Home Economics, will find this course particularly attractive. It is given in lecture form with illustrated note book. Special studio work can be added for those taking the regular art course.

**Art History.** The Art History or Art Appreciation Course is divided into three terms of three term-hours each. History of Painting, fall term; History of Architecture, winter term; History of Sculpture, spring term. This makes a very good course to be applied in the History Department of the regular college course.

**Children's Drawing Class.** A special class is given on Saturday morning, so that it is available for children of public school age. Instruction is given in drawing in pencil, crayon and water color.

### Special Features.

**The Brushes.** "The Brushes" is an art club which is affiliated with the American Federation of Art. It has for its object the furtherance of the art interests of the University, and through the Federation keeps in touch with the 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's 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 well supplied with a good collection of art reference books, reproductions and casts.

### Certificates and Diploma in Art

1. A **Diploma in Art** is granted to one who completes the full four year course outlined below. This is a highly graded course, and is recommended for those who wish to reach the highest ability in art. The students pursuing this course are ranked along with the other students of the University, as Freshmen, Seniors, etc.

Freshmen standing is a prerequisite for beginning the course.

Included in the outline of this course are 105 literary term-hours (if the electives be chosen in literary work) which with 30 art term-hours accepted on the A. B. work gives the diploma student 135 term-hours toward the A. B. degree. One additional year of work will secure the A. B.

The starred courses count toward the Bachelor's degree, but not more than 30 in Fine Arts in any case.

Freshman Year		Sophomore Year	
	Term-Hrs		Term-Hrs
Drawing and Painting (12 studio hours per week)...	9	Drawing and Painting (12 studio hours per week)...	9
China Painting or Crafts...	6	China Painting or Crafts...	6
Modern Language .....	9	Public School Art .....	3
Bible .....	3	Bible .....	6
History .....	9	Modern Language .....	9
Elective .....	9	History .....	6
	45	Elective .....	6
			45
Junior Year		Senior Year	
	Term-Hrs		Term-Hrs
Drawing and Painting (12 studio hours per week)...	9	Drawing and Painting (12 studio hours per week)...	9
China Painting or Crafts...	6	Interior Decorating .....	9
Tapestry Painting .....	3	Aesthetics .....	3
Mythology .....	3	Philisophy .....	9
English .....	9	English .....	6
Art History .....	9	Elective .....	9
Elective .....	6		
	45		45

2. **The Public School Art Certificate.** The new State Certificate Law provides that a Special Certificate to teach special branches (of which Public School Art is one) will be granted for two years of college work (90 term-hours), provided it include 9 term-hours of English, 9 of Education, and 9 of the special subject, a four-year certificate is granted. Additional work will secure a longer, even a permanent certificate.

The course below is advised for the minimum two years for this first certificate, and the student is urged to take more work following the Diploma Course above, after securing the first certificate. It requires Freshman standing in the University.

### Course of Study for Public School Art

First Year		Second Year	
	Term-Hrs		Term-Hrs
Eng. 11 .....	9	Education 21, 27, 26.....	9
Educ. 11, 12, 13.....	9	Public School Art.....	9
For. Lang. ....	9	History of Art.....	9
Drawing and Painting .....	6	Eng. 24 .....	6
Public School Art .....	6	Bible 21, 15 .....	9
Elective .....	6	Phil. 21 .....	3
	45		45

3. A Certificate in Art will be issued to one who completes three years of the art work listed in the "Diploma Course" above, regardless of any literary work.

This certificate gives no authority to teach, but is an evidence of the art work only. It is designed for those who wish the art work for cultural personal use only.

### DEPARTMENT OF SPOKEN WORD

Leland Powers says, "The true technique of any art can be defined as the most successful way of making the material instrument reflect the mind's message while at the same time calling the least attention to itself." Knowledge and mastery of such technique of voice and body is the aim of the Department of Spoken Word.

Three years of private lessons are required for graduation, the student meeting the teacher in two thirty minute lesson periods each week.

This course gives to the student that personal attention necessary to the development of careful pronunciation and enunciation, proper breath control and support, placement and direction of tone, and resonance; to the training of the body to be obedient to thought through a study of the language of its agents—the eyes, mouth, head, feet, arms, and hands; to the study of how to reveal, through the spoken word, the message

and purpose of great literature, our wonderful fountain of inspiration.

**Recitals.** Each private pupil is required to attend two studio practice recitals each month, and to appear on public recital at least twice throughout the year.

### Public Speaking

It is the purpose of this course that each student acquires facility and forcefulness in the expression of his ideas.

To fulfill this purpose it is necessary that the student be brought, as soon as possible, to the realization that effective speaking is an art founded upon the science of psychology, the mastery of which demands even more persistent practice, even more careful technique for foundation, than the mastery of painting or sculpture. The painter's or the sculptor's materials, the paint and canvas, or the marble, are inanimate, remaining unchanged when not being worked upon, while the public speaker's materials, the voice and body, are active agents, changing constantly.

Then to acquire facility and forcefulness is to train the whole machine; to overcome and correct bad habits, mannerisms, awkwardness, over activity and to teach the voice and body to become submissive and obedient servants to their real master, the mind.

The work in this department, as required for a diploma in Spoken Word, can be covered in three years. The credits count also toward Bachelor's degree, classes, meeting one hour a week for recitation and one hour for practice and drill.

11. **Principles of Speech** (three term-hours).

Sec. I. M. W. 10:30.

Sec. II. M. W. 11:30.

21. **Public Address** (three term-hours).

Sec. I. Tu. F. 10:30.

Sec. II. Tu. F. 11:30.

31. **Oration** (three term-hours).

M. 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.

23. **Parliamentary Law** (one term-hour). One hour a week.

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.

22. **Story Telling** (three term-hours).

T. Th. S. 11:30.

This is a course given in the Department of Education and descended in the catalog under that department, required for the Diploma in the Spoken Word.

### Dramatic Art

34. **Play Class** (one hour a week), no credit.  
F. 1:30.

The reading of plays; the study and practice presentation of plays in class. Several public reproductions are also given each year.

### The Footlights.

The Footlights 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 are held to transact business.

The officers, president, vice-president, and secretary-treasurer, are elected annually at the last regular meeting, save one, of the scholastic year.

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 advanced students. See page 29.

### Diploma Course in the Spoken Word.

First Year		Second Year	
	Term-Hrs		Term-Hrs
Literary Interpretation		Literary Interpretation	
15 (private)	6	25 (private)	6
*Public Speaking 11	3	*Public Speaking 21, 31	6
Eng. 11	9	Story Telling 22	3
Bible 15, 21	9	English 24, 25	9
History	9	Phil. 21	3
Elective	9	Elective	18
	45		45
<b>Third Year</b>			
			Term-Hrs
Literary Interpretation 35 (private)			6
Teaching of Physical Training (private)			3
Orations			3
English 38fw 33			9
English 31fw 42			9
Elective			12
			45

Courses starred are Fine Arts Courses which count in the College of Arts and Sciences.

### Rates of Tuition

Private lessons, two half-hours per week.

	Fall	Winter	Spring
Piano (Mr. Guelick)	\$56.00	\$44.00	\$48.00
Piano (Mrs. Ledbetter)	42.00	33.00	36.00
Voice (Miss Moutray)	49.00	38.50	42.00
Violin (Miss Carleton)	49.00	38.50	42.00
Band Inst. (Mr. King)	35.00	27.50	30.00

Piano instruction rates for children: \$6.00, \$8.00 and \$10.00 a month, depending upon the age and advancement of pupil.

### Miscellaneous Courses

For class work in the Theory of Music, Ear-Training and Dictation, Form and Analysis, Harmony, Counterpoint, History of Music, Orchestration, Piano Nor-



mal, Practice Teaching, Composition, Canon, and Fugue and Ensemble.

	Fall	Winter	Spring
.....	\$12.00	\$ 8.00	\$10.00

For private lessons in these subjects, two half-hours a week.

	Fall	Winter	Spring
.....	\$21.00	\$15.00	\$18.00

### Piano Practice

	Fall	Winter	Spring
One hour a day .....	\$ 4.20	\$ 3.30	\$ 3.60
Two hours a day .....	7.00	5.50	6.00
Three hours a day .....	8.40	6.60	7.20

### ART DEPARTMENT.

	Fall	Winter	Spring
Painting and Drawing .....	\$35.00	\$27.50	\$30.00
China Painting .....	31.50	24.75	27.00
Art History .....	12.00	10.00	10.00
Interior Decorating .....	12.00	10.00	10.00
Children's Drawing Classes .....	10.00	8.00	8.00
Firing Fee .....	6.00	6.00	6.00
Studio Fee .....	1.50	1.50	1.50

### SPOKEN WORD.

	Fall	Winter	Spring
.....	\$35.00	\$27.50	\$30.00

# DEPARTMENT OF HOME ECONOMICS

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Miss Charlotte Owsley, Director  
Assistant to be Supplied.

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## 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 prophecies 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 con-

tribute 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.

**Entrance.** The entrance requirements are the same as for the College of Arts and Sciences. Mature persons may take courses without credit, and not present the entrance requirements.

**B. S. in Home Economics.** For the student who wishes to make serious preparation for teaching or specializing in this department a standard Bachelor's degree is offered, with a major in Home Economics.

Minors in Chemistry and Biology, including also the required subjects for the Bachelors degree as in other lines. This affords the student a degree of equal value of other Bachelors; and still leaves time for enough Home Economics to cover the field well. This is worth more educationally than a course that makes a degree of less than a standard quality. The requirements are:

**Major.** 45 term-hours in Home Economics. (Minimum of 23 in Cooking, 16 in Sewing).

**First Minor.** 27 term-hours in Chemistry, including 11, 24, and Nutritions.

**Second Minor.** 18 term-hours in Biol., including 11 and 27.

The required studies for the B. S. except Math. 20, Geology and Physics.

**Teacher's Certificate in Home Economics.** The state

law provides for the granting of certificates in special subjects, including Domestic Science and Domestic Art. A student completing 90 term-hours including 9 in English, 9 in Education, and 9 in this Department is entitled to receive a three years' certificate. Additional work secures longer certificates.

**Certificate in Home Economics.** A student completing the entire three years' work in Home Economics will be given a certificate showing that this work has been done.

Those planning to teach these subjects should consult the Head of the Department in arranging the course. All the courses offered count toward the A. B. or B. S. degrees, and count on a teacher's certificate. No credit is given for cooking without Chem. 11.

#### Course of Instruction

12. **Cooking** (nine term-hours). 2 hrs. lecture, 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 term-hours). 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 bread, pastries, cakes.

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24. **Dietetics and Nutrition** (nine term-hours).  
Prerequisite: Cooking 12; Chem. 11.

24a fall. **Dietetics.**

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. Study of food for families or groups, in relation to food principles.

24b winter. Continuation of 24a.

24c spring. **Nutrition.**

Prerequisite: Cooking 32, Dietetics 24a, and b. 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.

32. fall. **Cooking** (three term-hours).  
3 hrs. laboratory per week.

Prerequisite: Cooking 21.

Parallel: Chemistry of Foods; 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.

- 16s. **Marketing.** 2 hrs. lecture per week.

- 36ws. **Cooking** (six term-hours).

6 hrs. lab. per week.

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.

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 week. 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 term-hours). 1 hr. lecture, 4 hrs. lab. per week.

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 comparisons of various methods of drafting. Making simple dresses.

23. **Sewing** (six term-hours). 1 hr. lecture, 4 hrs. lab. per week.

Prerequisite: Sewing 11.

Parallel: 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. Remodeling one old garment. Construction of middy blouse.

- 35f. **Costume Design** (two term-hours). 2 hrs. lecture per week.

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. **Advanced Dressmaking.**

Prerequisite: Sewing 23, 35.

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. **Textiles** (four term-hours). 2 lectures per week. 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** (three term-hours). 4 hrs. per week.

Prerequisite: Sewing 11.

Discussion of line, color, and form in relation

to the wearer. Designing, drafting and making of the buckram and wire frames; use of velvet, silk or satin, in relation to the season; remodeling 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 student. One child's hat, bonnet or cap.

- 14fw or s. **House Decoration.** 2 hrs. lecture per week. 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, drawings and clippings in connection with the work.
- 38s. **Theory of Teaching** (three term-hours). 3 hrs. lecture per week. Making of lesson plans; different methods used in lesson presentation; study of equipment and arrangement of laboratories. Practice teaching under supervision. Both cooking and sewing.

#### FEEES FOR HOME ECONOMIC COURSES

	Fall	Winter	Spring
Cooking Tuition, per course.....	\$29.25	\$24.75	\$27.00
Any Other Course .....	16.25	13.75	15.00



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**REGISTER OF THE GRADUATING CLASSES FOR  
SESSION 1921-22.**


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**Master of Arts**

Chesnutt, J. A. ....	Austin, Texas.
Garrett, J. O. ....	Thorp Springs, Texas.
Guertler, Mrs. Janette .....	Fort Worth, Texas.
Howland, Carl L. ....	McKinney, Texas.
Hunter, Una .....	Bonham, Texas.

**Bachelor of Arts**

Badgett, Robt. ....	Grand Prairie, Texas.
Barclay, Mary .....	Fort Worth, Texas.
Bateman, Wayne .....	Eddy, Texas.
Bradley, Vernon .....	Whitt, Texas.
Buhler, M. A. ....	Fort Worth, Texas.
Carpenter, J. C. ....	Plano, Texas.
Cope, Mrs. Louise .....	Fort Worth, Texas.
Crain, Leona .....	McGregor, Texas.
Dickey, Mary Marjorie .....	Clinton, Mo.
Farmer, Venus .....	Alvord, Texas.
Haley, Flora .....	Fort Worth, Texas.
Heath, Freeman .....	Normangee, Texas.
Hellums, Mabel .....	Rotan, Texas.
Hoffman, Marjorie .....	Paducah, Texas.
Lester, J. Arthur .....	Dallas, Texas.
Mack, Robt. Bailey .....	Ballinger, Texas.
McElroy, Dovert W. ....	Temple, Texas.
Meyer, L. R. ....	Waco, Texas.
Penix, Louella .....	Mineral Wells, Texas.
Robinson, Esther May .....	Fort Worth, Texas.
Robison, Katherine .....	Forney, Texas.
Snow, William R. ....	Fort Worth, Texas.
Spreen, Wm. J. ....	Houston, Texas.
Walker, Vida .....	Cisco, Texas.
Watson, Dewey .....	Wichita Falls, Texas.
Weems, J. Ed. ....	Heidenheimer, Texas.
Weisman, Fanny .....	McKinney, Texas.

**Bachelor of Science**

Acker, Will Hill .....	Commerce, Texas.
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**Diploma in Piano**

Scott, Anna Lee .....	Grand Prairie, Texas.
Willis, Elsie .....	Big Spring, Texas.

**Certificate in Art**

Fred, Rosa .....	Fort Worth, Texas.
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**CLASS AUGUST 31, 1922**

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**Master of Arts**

Irby, Mrs. Lucretia ..... Weatherford, Texas.  
Pringle, Jeffie ..... Dallas, Texas.

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**Bachelor of Arts.**

Anderson, Evelyn ..... Graham, Texas.  
Bailey, Charles F. ..... Ballinger, Texas.  
Beard, Wesley ..... Eastland, Texas.  
Coursey, Celeste ..... Gainesville, Texas.  
Foster, Mary L. ..... Fort Worth, Texas.  
Harris, Florence Lea ..... Fort Worth, Texas.  
Jones, Leon ..... Fort Worth, Texas.  
Lowery, E. J. ..... Lubbock, Texas.  
McCartney, Homer ..... Waxahachie, Texas.  
Murphy, Leola ..... Fort Worth, Texas.  
Prinzing, Henry ..... Waco, Texas.  
Smith, C. Sheldon ..... Fort Worth, Texas.  
Walker, Edna ..... Killeen, Texas.  
Woodard, John I. ..... Utopia, Texas.

**CANDIDATES FOR GRADUATION IN T. C. U. 1923  
CLASS JUNE 5, 1923**

**Bachelor of Divinity**

Boultinghouse, J. W. (Ministerial) Dallas, Texas.

**Master of Arts**

Lester, J. Arthur (Ministerial) Dallas, Texas.  
McElroy, D. W. (Ministerial) Temple, Texas.  
Weems, J. Ed. (Ministerial) Heidenheimer, Texas.

**Missionary Diploma**

Tobin, Ida (Ministerial) Austin, Texas.

**Bachelor of Arts**

Allen, Marie Fort Worth, Texas.  
Algood, Ruth (Medical) Fort Worth, Texas.  
Batton, Martin (Ministerial) El Reno, Oklahoma.  
Bounds, Jane (Medical) Fort Worth, Texas.  
Cockrell, Dora Louise Fort Worth, Texas.  
Dudney, Thomas E. (Ministerial) Fort Worth, Texas.  
Day, Edwina Brenham, Texas.  
Elliott, Edwin A. Fort Worth, Texas.  
England, Robert R. Williamsburg, Pa.  
Ferguson, Robert Wichita Falls, Texas.  
Fasken, Joseph Midland, Texas.  
Ginsburg, Jeanette Fort Worth, Texas.  
Hughes, B. Z. Hico, Texas.  
Hammond, Wm. J. (Ministerial) Iowa Park, Texas.  
Holmes, Dwight Fort Worth, Texas.  
Holland, Moe Midlothian, Texas.  
Hood, Leona (Ministerial) Fort Worth, Texas.  
Kane, Edwin New York City.  
Ledgerwood, Mrs. Ella Fort Worth, Texas.  
Ligon, Anne Byers, Texas.  
Lumpkin, Jennie Purdon, Texas.  
Loftin, J. A. Fort Worth, Texas.  
McReynolds, A. B. (Ministerial) Fort Worth, Texas.  
Murrell, Mary Fort Worth, Texas.  
Noble, Miss Charlie Fort Worth, Texas.  
O'Meara, Adelia Fort Worth, Texas.  
Penry, Mildred Fort Worth, Texas.  
Philips, J. C. (Ministerial) Fort Worth, Texas.  
Parker, Mary Fort Worth, Texas.  
Ratliff, Ruth Fort Worth, Texas.  
Schoonover, Floy Durant, Oklahoma.  
Scott, Anna Lee (Ministerial) Grand Prairie, Texas.  
Smith, Gladys (Ministerial) San Antonio, Texas.  
Sheppard, Mrs. R. E. Fort Worth, Texas.

**Bachelor of Arts—Continued**

Stevenson, John Allen .....	Bonham, Texas.
Swain, Ralph .....	(Ministerial) Clarksville, Texas.
Sweet, Mary E. ....	Fort Worth, Texas.
Spencer, Norman .....	(Ministerial) Morehead, Kentucky.
Shoemaker, Jack .....	Fort Worth, Texas.
Thompson, Bernard .....	Fort Worth, Texas.
Tobin, Ida .....	(Ministerial) Austin, Texas.
Traylor, Estelle .....	El Campo, Texas.
Wiggins, Ruth .....	Grapevine, Texas.
Wingo, Claude .....	(Ministerial) Grand Prairie, Texas.

**Bachelor of Science**

Hill, Ben .....	(Medical) Fort Worth, Texas.
Kent, V. A. ....	Clarendon, Texas.
Robey, Ashley .....	(Medical) Fort Worth, Texas.

**Bachelor of Music**

Ledbetter, Lucile Durrett .....	Fort Worth, Texas.
Schoonover, Floy .....	Durant, Oklahoma.
Scott, Anna Lee .....	Grand Prairie, Texas.

**Certificate in Art**

Jackson, Bertha .....	Fort Worth, Texas.
Record, Marjorie .....	Fort Worth, Texas.

**CLASS AUGUST 31, 1923—Candidates****Master of Arts**

McReynolds, A. B.....	(Ministerial) Fort Worth, Texas.
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**Bachelor of Arts**

Andrews, J. O. ....	Fort Worth, Texas.
Beard, Dean .....	Eastland, Texas.
Carson, Wood .....	San Angelo, Texas.
Driver, Mary Sue .....	Fort Worth, Texas.
Freeman, Oran W. ....	Fort Worth, Texas.
Forshall, Rena .....	Fort Worth, Texas.
Moore, Jerome .....	Fort Worth, Texas.
Murrell, Lila .....	Fort Worth, Texas.
Sherley, Lorraine .....	Anna, Texas.
Uttley, Margerite .....	Fort Worth, Texas.
Williams, Fay .....	Milford, Texas.

**Bachelor of Science**

Bender, James .....	(Medical) Dallas, Texas.
Russell, S. Lee .....	Santa Anna, Texas.

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**ENROLLMENT, 1922-1923**


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NOTE—The order or arrangement is, first by schools; College of Arts and Sciences, then College of Fine Arts, School of Home Economics.

Within each school, the order is by classes, the highest first; graduate, senior, etc.

Within each class, notation 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.

Each student is entered under the Classification where he belonged January 1, 1923.

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**GRADUATE STUDENTS—Long Session**

(Including all who have a degree, whether candidates for graduate degree or not).

Anderson, Evelyn .....	Graham, Texas.
Baker, Paul .....	Fort Worth, Texas.
Barclay, Mary .....	Fort Worth, Texas.
Boultinghouse, J. W. (Ministerial) .....	Dallas, Texas.
Garrett, Mrs. Virgil .....	Fort Worth, Texas.
Hammond, Mrs. Jack .....	Fort Worth, Texas.
Hill, Ben H. .... (Medical) .....	Fort Worth, Texas.
Jones, Leon .....	Fort Worth, Texas.
Lester, J. Arthur .... (Ministerial) .....	Dallas, Texas.
McElroy, D. W. .... (Ministerial) .....	Temple, Texas.
McPherson, Hallie .....	Fort Worth, Texas.
Moore, N. A. ....	Fort Worth, Texas.
Sweet, Floyd .....	Fort Worth, Texas.
Weems, J. Ed. .... (Ministerial) .....	Heidenheimer, Texas.
Whitney, C. F. ....	Fort Worth, Texas.
Woodard, John .....	Utopia, Texas.

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**GRADUATE STUDENTS—Summer Term Only, 1922**

Ferris, Bessie N. ....	Fort Worth, Texas.
Irby, Mrs. Lucretia .....	Cisco, Texas.
Parker, Robt. M. ....	Fort Worth, Texas.
Pringle, Jeffie .....	Marlin, Texas.
Wallenberg, Mrs. H. C. ....	Fort Worth, Texas.

## SENIORS—Long Session

Algood, Ruth	(Medical)	Fort Worth, Texas.
Allen, Marie		Fort Worth, Texas.
Andrews, J. O.		Fort Worth, Texas.
Batton, Martin	(Ministerial)	El Reno, Oklahoma.
Beard, Dean		Eastland, Texas.
Bender, James W.	(Medical)	Dallas, Texas.
Bounds, Jane	(Medical)	Fort Worth, Texas.
Bryson, Mrs. Artemesia		Fort Worth, Texas.
Cantrell, Thomas H.		Fort Worth, Texas.
Carson, Wood W.		San Angelo, Texas.
Cockrell, Dura Louise		Fort Worth, Texas.
Day, Edwina		Brenham, Texas.
Driver, Mary Sue		Fort Worth, Texas.
Dudney, Thomas E.	(Ministerial)	Fort Worth, Texas.
Elliott, Edwin A.		Fort Worth, Texas.
England, Robert R.		Williamsburg, Pa.
Fasken, Joseph		Midland, Texas.
Ferguson, Robert		Wichita Falls, Texas.
Forshall, Rena		Fort Worth, Texas.
Freeman, Oran		Fort Worth, Texas.
Ginsburg, Jeanette		Fort Worth, Texas.
Green, Aubrey		Vernon, Texas.
Hammond, Jack	(Ministerial)	Iowa Park, Texas.
Holland, Moe		Midlothian, Texas.
Holmes, Dwight		Fort Worth, Texas.
Hood, Leona	(Ministerial)	Fort Worth, Texas.
Hughes, B. Z.	(Ministerial)	Hico, Texas.
Kent, V. A.		Clarendon, Texas.
Ledgerwood, Mrs. Ella		Fort Worth, Texas.
Ligon, Anne		Byers, Texas.
Loftin, J. A.		Fort Worth, Texas.
Lumpkin, Jennie		Purdon, Texas.
McReynolds, A. B.	(Ministerial)	Fort Worth, Texas.
Moore, Jerome	(Ministerial)	Fort Worth, Texas.
Murrell, Lila		Fort Worth, Texas.
Murrell, Mary		Fort Worth, Texas.
Noble, Miss Charlie N.		Fort Worth, Texas.
O'Meara, Adelia		Fort Worth, Texas.
Parker, Mary		Fort Worth, Texas.
Penry, Mildred		Fort Worth, Texas.
Phillips, J. C.	(Ministerial)	Fort Worth, Texas.
Ratliff, Ruth		Fort Worth, Texas.
Robe, Ashley	(Medical)	Fort Worth, Texas.
Russell, S. Lee		Santa Anna, Texas.
Schoonover, Floy		Durant, Oklahoma.
Schoot, Anna Lee	(Ministerial)	Grand Prairie, Texas.
Sheppard, Mrs. R. E.		Fort Worth, Texas.
Sherley, Lorraine		Anna, Texas.
Slyater, James E.	(Medical)	Dallas, Texas.

## Seniors—Continued

Smith, Gladys .....	(Ministerial)	San Antonio, Texas.
Spencer, Norman .....	(Ministerial)	Morehead, Kentucky.
Stevenson, J. A. ....		Bonham, Texas.
Strong, Homer .....		Fort Worth, Texas.
Swain, Ralph .....	(Ministerial)	Clarksville, Texas.
Thompson, Bernard .....		Fort Worth, Texas.
Tobin, Ida .....	(Ministerial)	Austin, Texas.
Traylor, Estelle .....		El Campo, Texas.
Uttley, Marguerite .....		Fort Worth, Texas.
Wiggins, Ruth .....		Grapevine, Texas.
Williams, Fay .....		Milford, Texas.
Wingo, Claude .....		Grand Prairie, Texas.

## SENIORS IN SUMMER TERM ONLY, 1922

Bailey, Charles F. ....		Ballinger, Texas.
Beard, Wesley .....		Eastland, Texas.
Coursey, Celeste .....		Gainesville, Texas.
Foster, Mary Louise .....		Fort Worth, Texas.
Harris, Florence Lea .....		McKinney, Texas.
Kinsey, Mrs. John W. ....		Wichita Falls, Texas.
Lake, Ollie .....		Fort Worth, Texas.
Lowery, E. J. ....		Lubbock, Texas.
McCartney, Homer .....		Waxahachie, Texas.
Murphy, Leola .....		Fort Worth, Texas.
Prinzing, Heinie .....		Waco, Texas.
Shoemaker, Jack .....		Fort Worth, Texas.
Smith, C. Sheldon .....		Fort Worth, Texas.
Walker, Edna .....		Fort Worth, Texas.

## JUNIORS—Long Session

Alexander, Avis Dean (Ministerial) .....	Fort Worth, Texas.
Alexander, Ivan (Medical) .....	Fort Worth, Texas.
Anderson, Dorothy Mae .....	Fort Worth, Texas.
Becker, Grace .....	Fort Worth, Texas.
Booth, Mrs. Laura .....	Fort Worth, Texas.
Briscoe, Eugene .....	San Antonio, Texas.
Buchanan, Mary Louise .....	Fort Worth, Texas.
Byrnes, Mrs. Nell .....	Fort Worth, Texas.
Camp, Hilliard (Medical) .....	Pecos, Texas.
Carpenter, Beatrice .....	Fort Worth, Texas.
Carpenter, Margaret .....	Fort Worth, Texas.
Chambers, H. H. ....	Fort Worth, Texas.
Crain, Carmen .....	Fort Worth, Texas.
Cunningham, Juanita .....	Fort Worth, Texas.
Donahue, Pete .....	Fort Worth, Texas.
Doughty, Dorothy .....	Post, Texas.
Feemster, Lee (Ministerial) .....	Fort Worth, Texas.

## Juniors—Continued

Ford, Robert S.	Bellevue, Texas.
Gann, Sam	Vernon, Texas.
Gates, Bernice	Coleman, Texas.
Hargett, Mrs. Clara	Fort Worth, Texas.
Holden, Glen M.	Fort Worth, Texas.
Johnson, Pearl	Fort Worth, Texas.
Keeble, Millicent	Fort Worth, Texas.
Kemp, Ethel	(Ministerial) Dallas, Texas.
Knox, Walter	(Ministerial) Fort Worth, Texas.
Lloyd, Jessica	Fort Worth, Texas.
Lock, Helen May	Fort Worth, Texas.
Mahon, Sadie	(Medical) Fort Worth, Texas.
Martin, Logan	(Ministerial) Fort Worth, Texas.
McClellan, Annie Ruth	Fort Worth, Texas.
McCourtie, William	Fort Worth, Texas.
McGinnis, S. J.	Fort Worth, Texas.
Meads, Noah	Clarendon, Texas.
Melton, Lula	Fort Worth, Texas.
Morgan, Thurman	(Ministerial) Pendleton, Texas.
Mullins, Marion	Fort Worth, Texas.
Page, Wilburn	Fort Worth, Texas.
Pannill, Carrie	Stephenville, Texas.
Pannill, Louise	Stephenville, Texas.
Pannill, Martha Ann	Stephenville, Texas.
Ray, Alma	Fort Worth, Texas.
Reed, Dorothy	Fort Worth, Texas.
Reeder, Fay Beth	Garland, Texas.
Reeder, Martha Pauline	Amarillo, Texas.
Sherley, Lena	Anna, Texas.
Sherley, William	Anna, Texas.
Shields, Edith	Vega, Texas.
Thompson, Angeline	Temple, Texas.
Tibbets, Velma	Fort Worth, Texas.
Tomlinson, Walter	Hillsboro, Texas.
Tucker, Mrs. E. R.	Fort Worth, Texas.
Vance, Josephine	Fort Worth, Texas.
Walker, Ruby	Ranger, Texas.
Warren, Mabel	Burleson, Texas.
Wayman, Elizabeth	Fort Worth, Texas.
Wayman, Frances	Fort Worth, Texas.
Weaver, Lynette	Timpson, Texas.
Wilkinson, Tyler	Marfa, Texas.
Zeigler, S. P.	Fort Worth, Texas.



### JUNIORS IN SUMMER TERM ONLY, 1922

Brown, J. H.	Fort Worth, Texas.
Brown, Mrs. J. T.	Big Spring, Texas.
Brown, Mrs. Paul C.	Fort Worth, Texas.
Byrd, Minnie	Fort Worth, Texas.
Carpenter, Gabie Sue	Decatur, Texas.
Garner, Jessie	Palacois, Texas.
Hunter, Mary	Fort Worth, Texas.
King, Joy	Fort Worth, Texas.
Lewis, Mrs. Hattie	Thorp Spring, Texas.
Livsey, Edward	Elderville, Texas.
McCorkle, Wayne	Fort Worth, Texas.
McLean, Virginia	Fort Worth, Texas.
Moore, Jean	Gordon, Texas.
Morrison, Thomas C.	Mineral Wells, Texas.
Norton, Mary Bell	Weatherford, Texas.
O'Malley, Charles	Bonham, Texas.
Rich, Allys	Fort Worth, Texas.
Ross, Josephine	Fort Worth, Texas.
Sellars, D. K.	Fort Worth, Texas.
Toler, Vera	Gloster, Texas.
Wilson, Esther	Fort Worth, Texas.

### SOPHOMORES—Long Session

Adams, Homer B.	Ozona, Texas.
Abright, Ada Dorothy	Waco, Texas.
Anderson, Adela	(Medical) Graham, Texas.
Armstrong, Lola May	Fort Worth, Texas.
Arneson, Norman	(Medical) Fort Worth, Texas.
Ashmore, Alvin	(Medical) Corpus Christi, Texas.
Ashmore, F. A.	Fort Worth, Texas.
Ayers, Philip	Houston, Texas.
Ball, Mrs. H. A.	Fort Worth, Texas.
Barron, Sidna Rhea	Palmer, Texas.
Baxter, Rouss	Dublin, Texas.
Beauchamp, Douglas	Fort Worth, Texas.
Bell, Martha	Fort Worth, Texas.
Bennett, Eugene	Fort Worth, Texas.
Binion, Jack	Lufkin, Texas.
Bishop, Melvin	Fort Worth, Texas.
Blair, Lois	Abbott, Texas.
Bludworth, Jeanette	Fort Worth, Texas.
Bohart, Morris F.	Fort Worth, Texas.
Booth, Helen	Fort Worth, Texas.
Briggs, L. F.	Fort Worth, Texas.
Brown, Norma Lee	Gatesville, Texas.
Carson, Hezzie	San Angelo, Texas.
Cherry, Blair	Fort Worth, Texas.

## Sophomores—Continued

Clark, Sidney	(Medical)	
	(Ministerial)	Iowa Colony, Texas.
Clark, Sterling P.		Fort Worth, Texas.
Collins, Thelma		Caddo, Texas.
Compton, Eddie A.		Fort Worth, Texas.
Coombes, Charles		Abilene, Texas.
Dacus, Ruth		Fort Worth, Texas.
Dalton, Abbie		Mansfield, Texas.
Darrow, Edna R.		Friendswood, Texas.
Day, Gilbert		Eden, Texas.
Dering, James		Grandview, Texas.
Dillard, Frank	(Medical)	Chillicothe, Texas.
Dodson, Dorothy		Fort Worth, Texas.
Dublin, Ola		Midland, Texas.
Dunlavy, Lena		Fort Worth, Texas.
Edwards, Ethel		Fort Worth, Texas.
Edwards, Lawton		Fort Worth, Texas.
Elliott, Vida	(Ministerial)	Dallas, Texas.
Ellis, Marvin		Mansfield, Texas.
Estes, Graham		Fort Worth, Texas.
Estes, Margaret		Fort Worth, Texas.
Fowler, J. C.		Weatherford, Texas.
Fussell, Henry		Fort Worth, Texas.
Garrett, Hayden J.		Fort Worth, Texas.
Gee, Archie	(Ministerial)	Waco, Texas.
Gray, Addie		Fort Worth, Texas.
Gray, Lois		Fort Worth, Texas.
Gulley, Coleman		Fort Worth, Texas.
Haddaway, Elizabeth		Fort Worth, Texas.
Haden, Kathryn		Corsicana, Texas.
Hagler, Katherine		Fort Worth, Texas.
Haley, Bessie		Fort Worth, Texas.
Harbord, Lee	(Ministerial)	Fort Worth, Texas.
Harbord, Rex	(Ministerial)	Fort Worth, Texas.
Hartgrove, Hattie Rue		Paintrock, Texas.
Hawkins, Ermine L.		Fort Worth, Texas.
Hearnes, Roger W.		Fort Worth, Texas.
Herman, Blanche		Fort Worth, Texas.
Hill, Samuel	(Medical)	Fort Worth, Texas.
Hodge, Lucile		Fort Worth, Texas.
Hinson, Lillian	(Ministerial)	Houston, Texas.
Hoffman, H. G.		Fort Worth, Texas.
Holcomb, M. E.	(Medical)	Vernon, Texas.
Holley, Vallie		Fort Worth, Texas.
Holmes, Ralph		Fort Worth, Texas.
Honey, Cecil W.	(Medical)	Lubbock, Texas.
Horton, George W.	(Ministerial)	
	(Medical)	Galveston, Texas.
Howard, Robert		Holdenville, Oklahoma.

## Sophomores—Continued

Hunter, James	Waxahachie, Texas.
James, Sallivee	Keller, Texas.
Jones, Esma	(Medical) Houston, Texas.
Kelso, Lucy	Fort Worth, Texas.
Kincannon, Doris	(Medical) Fort Worth, Texas.
Kitchen, Carr	Fort Worth, Texas.
Lacy, George	(Min. & Med.) Fort Worth, Texas.
Landman, Lester	Fort Worth, Texas.
Lawrence, Mary Louise	Fort Worth, Texas.
Leslie, Helen	Fort Worth, Texas.
Lewis, Mary Elizabeth	Fort Worth, Texas.
Llewellyn, Gordon	Fort Worth, Texas.
Lock, Georgia	Fort Worth, Texas.
Lovvorn, Garland	Stanford, Texas.
Lusk, Etta Mae	Fort Worth, Texas.
Mack, Roy Scott	Ballinger, Texas.
Magee, Julia	Pecos, Texas.
Martin, Margaret	Fort Worth, Texas.
McLean, Hanson	Fort Worth, Texas.
McWhirter, Edith	Fort Worth, Texas.
McWilliams, Ed R.	(Ministerial) Van Alstyne, Texas.
Melton, Alabama	Fort Worth, Texas.
Miller, Lillie Mae	Fort Worth, Texas.
Mitchell, Mary Ruth	Fort Worth, Texas.
Moad, C. O.	Fort Worth, Texas.
Moffett, Maynette	Fort Worth, Texas.
Moore, W. M.	Fort Worth, Texas.
Moreman, W. L.	Clarendon, Texas.
Mueller, Karl	Fort Worth, Texas.
Nelson, Josephine	Fort Worth, Texas.
Nicholson, Morris	Ballinger, Texas.
Nunn, Mary	Fort Worth, Texas.
Ogan, R. F.	Harlingen, Texas.
Overton, Marvin	(Medical) Lubbock, Texas.
Parker, Morris	(Medical) Dallas, Texas.
Payne, Homer	(Ministerial) Fort Worth, Texas.
Phillips, Lottie Mae	Rockdale, Texas.
Pyron, Wilma	Blossom, Texas.
Read, Ethel	Fort Worth, Texas.
Redmond, Mary Helen	Sterling City, Texas.
Reeder, Alton	Amarillo, Texas.
Roan, Jewel	Ladonia, Texas.
Robison, Hubert	(Ministerial) Georgetown, Texas.
Rosenthal, Dave	Fort Worth, Texas.
Rowan, Mabel	Fort Worth, Texas.
Rowland, Nell	Fort Worth, Texas.
Roy, Margaret Louise	Fort Worth, Texas.
Sanguinet, Frank	Fort Worth, Texas.
Schimmel, Glen	Fort Worth, Texas.

## Sophomores—Continued

Scott, Fred .....	Quilan, Texas.
Sharp, Joe .....	Wolfe City, Texas.
Simpson, Elizabeth ..(Medical).....	Houston, Texas.
Smith, Constance .....	(Ministerial).....
	(Medical).....Sinton, Texas.
Smith, Elmer E. ....	Breckenridge, Texas.
Smith, Elna C. ....	Oklahoma City, Okla.
Smith, Lola L. ....	(Ministerial).....Marlin, Texas.
Sorrels, Harrell .....	Mansfield, Texas.
Strong, Opal .....	Fort Worth, Texas.
Tanner, John .....	Fort Worth, Texas.
Taylor, Eleanor Alice .....	Fort Worth, Texas.
Taylor, Clara .....	Fort Worth, Texas.
Tilford, Harry .....	Nacogdoches, Texas.
Tripp, Arthur Lee .....	Fort Worth, Texas.
Turbeville, Glen .....	Fort Worth, Texas.
Turner, James E. ....	(Ministerial).....Knox City, Texas.
Tyson, Edrine .....	(Medical).....Santa Anna, Texas.
Vance, Nell .....	Fort Worth, Texas.
Warren, Harold .....	Burleson, Texas.
Weatherly, Opal .....	Panhandle, Texas.
Weaver, Lucile .....	Center, Texas.
Weldon, Wayne .....	Fort Worth, Texas.
Wells, Rosa Lee .....	Fort Worth, Texas.
White, Hal .....	(Medical).....Fort Worth, Texas.
White, Mary Leslie .....	McKinney, Texas.
Whitehead, Mary Reynolds .....	Fort Worth, Texas.
Williams, Sarah .....	(Ministerial).....Wagoner, Oklahoma.
Wooten, Louise .....	Hereford, Texas.

## SOPHOMORES IN SUMMER TERM ONLY, 1922

Booth, Bates .....	Fort Worth, Texas.
Collins, Margaret .....	Fort Worth, Texas.
Corse, Eloise .....	Fort Worth, Texas.
Deitz, Hazel .....	Fort Worth, Texas.
Eppler, Elizabeth .....	Fort Worth, Texas.
Eppler, Mamie .....	Fort Worth, Texas.
Green, Mrs. N. R. ....	Fort Worth, Texas.
Grienes, Ida .....	Fort Worth, Texas:
Hall, Ora Mae .....	Whitewright, Texas.
Houtchins, Mrs. Loren.....	Fort Worth, Texas.
Jenkins, Joyce Mildred .....	Fort Worth, Texas.
Johnson, Isabel .....	Fort Worth, Texas.
Kuykendall, Irma Love .....	Fort Worth, Texas.
Mack, Henry .....	Fort Worth, Texas.
McKibben, Dora .....	Fort Worth, Texas.
McLean, Mary Jane .....	Fort Worth, Texas.
Neblett, Nell .....	Fort Worth, Texas.

## Sophomores—Continued

Rogers, Nona Lee .....	Fort Worth, Texas.
Rousse, Thos. A. ....	Fort Worth, Texas.
Russell, Lucile .....	Fort Worth, Texas.
Sewell, Dan Roy .....	Jacksboro, Texas.
Weathered, Ola .....	Fort Worth, Texas.
Whitis, Trudie .....	Fort Worth, Texas.
Williams, Mrs. Dollie B. ....	Fort Worth, Texas.

## FRESHMEN—Long Session

Adams, Othro .....	Ozona, Texas.
Allen, Elsie .....	Fort Worth, Texas.
Alspaugh, Clayton ....(Medical).....	Grand Prairie, Texas.
Anderson, Carl G. ....(Medical).....	Fort Worth, Texas.
Anderson, Thos. E. ....(Ministerial).....	Breckenridge, Texas.
Ashley, Carlos .....	San Saba, Texas.
Axtell, Herbert .....	Fort Worth, Texas.
Badt, Augusta .....	Mt. Pleasant, Texas.
Bailey, A. P. ....	Eldorado, Texas.
Bainard, Wayne .....	Fort Worth, Texas.
Baker, Bernice .....	Temple, Texas.
Baldwin, Elizabeth .....	Haskell, Texas.
Barclay, Lorena Myrtle .....	Gorman, Texas.
Barnum, Martha .....	Fort Worth, Texas.
Berry, E. M. ....	Groveton, Texas.
Bishop, Hugh .....	Fort Worth, Texas.
Bogard, Sweetie Laura .....	Fort Worth, Texas.
Bonham, Kenneth .....	Seagoville, Texas.
Bowman, Elizabeth .....	Seymour, Texas.
Bowser, Frank ....(Medical).....	Dallas, Texas.
Boyers, James .....	Paris, Texas.
Boykin, Camilla .....	Fort Worth, Texas.
Bransford, Stanley .....	Fort Worth, Texas.
Broiles, Rowland ....(Ministerial).....	Fort Worth, Texas.
Buckner, Ione .....	Fort Worth, Texas.
Bucy, Lanham .....	Rising Star, Texas.
Burks, Tot Evelyn .....	Pilot Point, Texas.
Burns, Albert ....(Ministerial).....	Wylie, Texas.
Bush, D. M. ....	Waco, Texas.
Byrne, Mike J. ....	Fort Worth, Texas.
Calkins, Russell ....(Medical).....	Fort Worth, Texas.
Callan, Richard .....	Fort Worth, Texas.
Camp, Keith .....	Pecos, Texas.
Cantrill, Ralph .....	Alton, Illinois.
Carpenter, John M. ....	Olton, Texas.
Carpenter, Philip .....	Fort Worth, Texas.
Carr, Ralph .....	Fort Worth, Texas.
Carter, Beverly .....	Fort Worth, Texas.

## Freshmen—Continued

Carter, Christine .....	Fort Worth, Texas.
Carter, Lovie .....	Fort Worth, Texas.
Carter, Robert .....	(Medical) Fort Worth, Texas.
Case, John B. ....	Fort Worth, Texas.
Cawthon, Louise .....	Camden, Arkansas.
Chamberlain, C. W. ....	Fort Worth, Texas.
Clark, Herman .....	Fort Worth, Texas.
Clark, John Haney .....	Fort Worth, Texas.
Cline, Coleman .....	Fort Worth, Texas.
Clayton, Lawrence J. ....	Fort Worth, Texas.
Coley, Christine .....	Fort Worth, Texas.
Coltzer, George W. ....	Fort Worth, Texas.
Copus, Mabelle .....	Fort Worth, Texas.
Corbett, Ruth .....	Fort Worth, Texas.
Corse, Virginia .....	Fort Worth, Texas.
Cox, Elsie .....	Thurber, Texas.
Cromer, George E., Jr. ....	Fort Worth, Texas.
Crump, Cecil .....	Fort Worth, Texas.
Crump, Houston .....	(Ministerial) El Paso, Texas.
Cullers, Mattie .....	Bryson, Texas.
Cummings, Ermine .....	Fort Worth, Texas.
Davis, Gertrude .....	Breckenridge, Texas.
Davis, Hazel .....	Fort Worth, Texas.
Davis, Jo (Miss) .....	Fort Worth, Texas.
Dean, William .....	Mineral Wells, Texas.
Dennis, Evelyn .....	Itasca, Texas.
DeWees, R. L. ....	Fort Worth, Texas.
DeWitt, Ione .....	Fort Worth, Texas.
Dickerman, Herbert .....	Gainesville, Texas.
Dumas, Brona .....	Fort Worth, Texas.
Dumbl, Dorothy .....	Fort Worth, Texas.
Earl, Maggie Mae .....	Fort Worth, Texas.
Easley, J. D. ....	Fort Worth, Texas.
Edwards, Fay .....	Fort Worth, Texas.
Edwards, John W. ....	Wortham, Texas.
Elkins, Henry G. ....	Spur, Texas.
Ellis, Con-Del .....	(Medical) Thornton, Texas.
Ellis, Macon .....	Fort Worth, Texas.
Epperley, L. M. ....	Fort Worth, Texas.
Fallen, Fannye .....	Lancaster, Texas.
Feemster, Inez .....	Fort Worth, Texas.
Felix, Virginia .....	Fort Worth, Texas.
Fender, Dick .....	Fort Worth, Texas.
Feregar, Rosaline .....	Fort Worth, Texas.
Fitzgerald, Dorothy .....	Fort Worth, Texas.
Fox, Ferrell .....	(Ministerial) San Antonio, Texas.
Fraim, Myrtle .....	Fort Worth, Texas.
Friberg, Walter .....	Wichita Falls, Texas.
Funkhouser, Ralph .....	Fort Worth, Texas.

## Freshmen—Continued

Garner, Mayme	(Ministerial)	San Antonio, Texas.
George, Ernest		Paris, Texas.
George, Isaac L.		Fort Worth, Texas.
Gleason, Juanita		Dixie, Louisiana.
Golston, Nimmo	(Ministerial)	Milford, Texas.
Goodman, Marion		Fort Worth, Texas.
Gorton, Charles	(Medical)	Dallas, Texas.
Graham, Bertha		Fort Worth, Texas.
Grant, Oliver		Fort Worth, Texas.
Gray, George		Fort Worth, Texas.
Griffin, Irene		Bardwell, Texas.
Gunn, Louise		Fort Worth, Texas.
Hackney, Clinton	(Medical)	Wortham, Texas.
Haggard, Lillian		Fort Worth, Texas.
Halsell, Ben		Bonham, Texas.
Halsell, George		Fort Worth, Texas.
Hamilton, Robert		Mangum, Oklahoma.
Hanger, Gladys		Fort Worth, Texas.
Harrison, Earl		Itasca, Texas.
Harold, James		Fort Worth, Texas.
Harvey, Lillian		San Benito, Texas.
Hawes, Lowman		Fort Worth, Texas.
Hawkins, Hugh		Fort Worth, Texas.
Heatly, Raymond		Breckenridge, Texas.
Henderson, Elizabeth		Fort Worth, Texas.
Hill, A. D.	(Medical)	Fort Worth, Texas.
Hill, Wylie		Weatherford, Texas.
Hilldring, Florence		Fort Worth, Texas.
Hittson, Mary		Fort Worth, Texas.
Housel, Fanny		San Benito, Texas.
Howell, Gwendolyn		Fort Worth, Texas.
Howse, Melvin		Ladonia, Texas.
Huckabay, Frank		Jacksboro, Texas.
Hunt, Madeline		Haskell, Texas.
Hurley, Mosely		Fort Worth, Texas.
Jacks, Lindsey		Bonham, Texas.
Jalle, Lillie		Beaumont, Texas.
Joekel, Murray		San Saba, Texas.
Johnson, R. M.		Amarillo, Texas.
Johnson, Wanette		Roswell, N. M.
Keith, Mary		Fort Worth, Texas.
Keith, Ray		Fort Worth, Texas.
Kemp, May	(Ministerial)	Dallas, Texas.
Kenshalo, Annie Lou	(Ministerial)	Albany, Texas.
Kilman, Norene		Fort Worth, Texas.
Kirklín, Elva		Mooringsport, La.
Knox, Granville		Bertram, Texas.
Largent, Dorothy		McKinney, Texas.
Latham, Albert		Longview, Texas.

## Freshmen—Continued

Lawrence, Roberta Louise .....	Seminary Hill, Texas.
LeMond, Dorothy .....	Fort Worth, Texas.
Lesser, Sol .....	Fort Worth, Texas.
Levy, Forrest .....	Fort Worth, Texas.
Light, Harve .....	Ladonia, Texas.
Lindley, Wilma .....	Mineral Wells, Texas.
Lipscomb, Rossie .....	Grapevine, Texas.
Littlejohn, Robert .....	Fort Worth, Texas.
Long, Minnie Jean .....	Fort Worth, Texas.
Luker, Robert Boone .....	Fort Worth, Texas.
Luker, Jim Wade .....	Fort Worth, Texas.
Lunt, Bernard J. ....	Fort Worth, Texas.
Manly, Lewis (Miss) .....	Abilene, Texas.
Manning, Robert .....	Palestine, Texas.
Marshall, Inez .....	Santa Anna, Texas.
Massie, Littleton .....	Palo Pinto, Texas.
Mathews, Ben .....	Fort Worth, Texas.
Mays, Clyde W. ....	Fort Worth, Texas.
McAfee, Alfred .....	(Ministerial).....
	(Medical).....
	Cisco, Texas.
McAfee, Cecil .....	Cisco, Texas.
McConnell, W. E. ....	Palo Pinto, Texas.
McCormick, Welton .....	Santa Anna, Texas.
McCullough, John A. ....	Fort Worth, Texas.
McGee, Jeanette .....	Fort Worth, Texas.
McLeland, Albert .....	Fort Worth, Texas.
McLeod, Garland .....	Brownwood, Texas.
McMahon, Aileen .....	Bonham, Texas.
McNaughton, Tom .....	Fort Worth, Texas.
McWhirter, Ula .....	Fort Worth, Texas.
Meek, Aline .....	Corsicana, Texas.
Meggs, Pearl .....	Fort Worth, Texas.
Mehl, Nathan .....	Fort Worth, Texas.
Miller, Emma .....	Fort Worth, Texas.
Mills, Mabel .....	Fort Worth, Texas.
Montgomery, Erwin (Ministerial).....	McKinney, Texas.
Moore, Gladys .....	Fort Worth, Texas.
Moore, Leila .....	Fort Worth, Texas.
Moore, Lucille .....	Fort Worth, Texas.
Moore, Martha .....	Houston, Texas.
Morris, Mable .....	Windom, Texas.
Morrison, Billie .....	Grand Prairie, Texas.
Murphy, Mrs. Helen W. ....	Fort Worth, Texas.
Murrell, Margaret .....	Fort Worth, Texas.
Neal, Annie Pearl .....	Fort Worth, Texas.
Nelson, Al. B. ....	(Ministerial).....
	Dallas, Texas.
Nelson, Herman .....	Blake, Oklahoma.
Newcomb, Wayne .....	Santa Cruz, California.
Newsom, Irma .....	Fort Worth, Texas.



## Freshmen—Continued

Norwood, W. D.	Atlas, Texas.
Oakes, John	Amarillo, Texas.
Pace, Sam	Fort Worth, Texas.
Palmer, Harvey J.	(Ministerial) Albany, Texas.
Pannill, Tommie	Fort Worth, Texas.
Parks, Shipton	Fort Stockton, Texas.
Parker, Lulu	Fort Worth, Texas.
Pearson, T. F.	Fort Worth, Texas.
Philips, Arthur	Ozona, Texas.
Polk, Eugene	Santa Anna, Texas.
Potter, Juanita	Garber, Oklahoma.
Pressley, Dorris	Fort Worth, Texas.
Pruitt, Harris	(Medical) Fort Worth, Texas.
Ray, James J.	Rochelle, Texas.
Reeder, Mary	Knox City, Texas.
Richhart, Clarence Leon	Fort Worth, Texas.
Roberts, Carol Jim	Fort Worth, Texas.
Roberts, Delia Betty	Bonham, Texas.
Rock, Elizabeth	Fort Worth, Texas.
Rogers, Cullen A.	Fort Worth, Texas.
Rose, Catherine	Fort Worth, Texas.
Ross, Gene	San Angelo, Texas.
Rothkopt, Louis	Corsicana, Texas.
Rowan, Jonnie	Fort Worth, Texas.
Russell, Charlie George	Fort Worth, Texas.
Sams, Marybell	Benjamin, Texas.
Sandidge, Cecil	(Medical) Fort Worth, Texas.
Schwartz, J. W.	(Medical) Fort Worth, Texas.
Scott, Randolph	Grand Prairie, Texas.
Seymore, Ruth	Fort Worth, Texas.
Sharp, Josephine B.	Granger, Texas.
Sheffield, Marvin	Santa Anna, Texas.
Sheppard, Eugenia	(Ministerial) Donna, Texas.
Sheridan, Laura	Sweetwater, Texas.
Shivers, Wilma	Crockett, Texas.
Simpson, Irene	Houston, Texas.
Skinner, Aileen	Comanche, Texas.
Slawson, L. E.	Fort Worth, Texas.
Smith, Bedford	(Ministerial) Mabank, Texas.
Smith, Gilbert	Fort Worth, Texas.
Smith, Lois Anne	Fort Worth, Texas.
Smith, Sybil	(Ministerial) San Antonio, Texas.
Smith, Tillie	Mabank, Texas.
Smyth, Leslie G.	Fort Worth, Texas.
Stangl, Frank J.	Fort Worth, Texas.
Stephens, Alline Nina	Fort Worth, Texas.
Stilwell, Nell	Fort Worth, Texas.
Stuart, Jim N.	Strawn, Texas.
Stubbs, Emilie	Fort Worth, Texas.

## Freshmen—Continued

Sturgis, Ada Reid	Fort Worth, Texas.
Sweet, Ripple	Fort Worth, Texas.
Tadlock, Cora May	Fort Worth, Texas.
Taliaferro, Warren	Fort Worth, Texas.
Tankersley, Lawrence	Terrell, Texas.
Tate, Estelle	Palmer, Texas.
Taylor, Amelia Belle	Fort Worth, Texas.
Taylor, Harry	Fort Worth, Texas.
Taylor, Jessie	Fort Worth, Texas.
Terrell, Roy	(Medical) Fort Worth, Texas.
Thompson, Edna	(Ministerial) Cleburne, Texas.
Thompson, Hubert	Fort Worth, Texas.
Thompson, Kelly	Paris, Texas.
Thompson, Thelma	Fort Worth, Texas.
Tomme, Pete	Mangum, Oklahoma.
Tones, Edna Mae	Fort Worth, Texas.
Towery, Howard A.	Plainview, Texas.
Towery, Sybil	Crockett, Texas.
Turner, Kellus	Personville, Texas.
Tyson, Lois	Camden, Arkansas.
Van Zandt, Sidney	Fort Worth, Texas.
Walden, Jesse	(Medical) Handley, Texas.
Waller, Clyde L.	Fate, Texas.
Ward, Trickey	Weatherford, Texas.
Washmon, John	Fort Worth, Texas.
Watson, Frank M.	Fort Worth, Texas.
Webster, Flora	Fort Worth, Texas.
Weinman, Arthur O.	Fort Worth, Texas.
Wells, Anna Mary	Dallas, Texas.
Wells, Jean	Dallas, Texas.
White, Lois Catherine	Fort Worth, Texas.
White, Lucile	Fort Worth, Texas.
Whitehead, Wilma	Fort Worth, Texas.
Wiggins, Louise	Grapevine, Texas.
Wilkerson, Lyle	Fort Worth, Texas.
Williams, Fritz	Whit, Texas.
Williams, Lena	Fort Worth, Texas.
Williams, Lenora Mae	Fort Worth, Texas.
Williams, Merrill	Clarksville, Texas.
Williams, Winnie	(Ministerial) Lampasas, Texas.
Wilson, Byron	(Ministerial) Abilene, Texas.
Wilson, Edward	Wichita Falls, Texas.
Wilson, Frances Elizabeth	Fort Worth, Texas.
Wingo, Kitty	Fort Worth, Texas.
Wood, Clarence	Temple, Texas.
Woolverton, Maxine	Handley, Texas.
Yeakley, Ralph	Fort Worth, Texas.
Young, Lois	Fort Worth, Texas.

## Freshmen—Continued

## FRESHMEN IN SUMMER TERM ONLY, 1922

Berry, G. S.	Fort Worth, Texas.
Crosthwait, Georgia	Weatherford, Texas.
Culwell, Myrle	Weatherford, Texas.
Dibrell, Florence	Fort Worth, Texas.
Douglas, Myrtle	Saginaw, Texas.
Feaster, Gressom	Taylor, Texas.
Floyd, J. M.	Fort Worth, Texas.
Gray, Luther	Sadler, Texas.
Hines, Agnes	Fort Worth, Texas.
Marsh, Clara	Fort Worth, Texas.
McAdams, J. B.	Gordonville, Texas.
Pearson, Birite	Fort Worth, Texas.
Phillips, Elma	Fort Worth, Texas.
Rau, Florence	Fort Worth, Texas.
Scardino, Mrs. Peter M.	Fort Worth, Texas.
Thomas, R. M.	Fort Worth, Texas.

## SPECIALS—Long Session

Agerton, Mollie	Fort Worth, Texas.
Bacon, Sallie	Fort Worth, Texas.
Beauchamp, Garland	Fort Worth, Texas.
Bellamy, Yola	Fort Worth, Texas.
Bode, R. B.	Fort Worth, Texas.
Brock, Ernest	Fort Worth, Texas.
Brown, Mrs. B. B.	Fort Worth, Texas.
Bunting, Lucile	Fort Worth, Texas.
Cantelmi, Frank	Fort Worth, Texas.
Christenberry, Agnes	Fort Worth, Texas.
Chute, Mary	Fort Worth, Texas.
Clements, Claude	Fort Worth, Texas.
Clover, Mrs. J. Virgil	Fort Worth, Texas.
Compton, Ilene	Denton, Texas.
Correll, Carrie C.	Fort Worth, Texas.
Drahn, Winnie	Fort Worth, Texas.
Dwyer, Reta	Brenham, Texas.
Farrow, Susie	Fort Worth, Texas.
Field, Gladys	Fort Worth, Texas.
Gaines, Richard	Ladonia, Texas.
Gaither, Caroline	Fort Worth, Texas.
Hollister, Mildred	Fort Worth, Texas.
Howard, T. A.	Fort Worth, Texas.
Jennings, Lula	Fort Worth, Texas.
King, Ray	Fort Worth, Texas.
King, Sue	Fort Worth, Texas.
Kuttler, Mrs. A. K.	Fort Worth, Texas.
Labhart, Cora	Fort Worth, Texas.

## Specials—Continued

Lochhead, Miss A. C.	Fort Worth, Texas.
Martin, Mrs. Howard	Fort Worth, Texas.
McCall, James	(Ministerial) Fort Worth, Texas.
McNeely, Lois	Fort Worth, Texas.
Moore, Iva	Hamilton, Texas.
Moore, Lollie	Fort Worth, Texas.
Murphy, Stella	Fort Worth, Texas.
O'Brian, Charles	Fort Worth, Texas.
Poindexter, Irma	Fort Worth, Texas.
Price, Robroy	Fort Worth, Texas.
Ray, Mrs. S. W.	Fort Worth, Texas.
Reid, L. E.	Fort Worth, Texas.
Roberts, John C.	Fort Worth, Texas.
Robertson, Earl A.	Fort Worth, Texas.
Sanders, Ruth Hope	Fort Worth, Texas.
Schimmel, Mrs. V. A.	Fort Worth, Texas.
Sport, J. A.	Fort Worth, Texas.
Squyres, P. F.	Seminary Hill, Texas.
Tarlton, J. F.	Fort Worth, Texas.
Talor, Mrs. Clint	Fort Worth, Texas.
Thorp, Murph	Fort Worth, Texas.
Underwood, Lulu	Fort Worth, Texas.
Welch, Mamie	Fort Worth, Texas.
Wickline, Miss Denver	Fort Worth, Texas.
Wille, Elma	Fort Worth, Texas.
Yates, Marjorie	Fort Worth, Texas.

## SPECIALS IN SUMMER TERM ONLY, 1922

Alexander, Mrs. Edna	Fort Worth, Texas.
Anderson, Electra	Fort Worth, Texas.
Atwood, Ethel	Fort Worth, Texas.
Awalt, Mrs. Georgia	Fort Worth, Texas.
Barton, Margaret	Fort Worth, Texas.
Bradford, Nannie	Fort Worth, Texas.
Callaway, Sallie	Fort Worth, Texas.
Clift, Lily	Fort Worth, Texas.
Denman, C. P.	Fort Worth, Texas.
Dodson, W. B.	Fort Worth, Texas.
Fowler, Ruth	Fort Worth, Texas.
Gant, Ara	Fort Worth, Texas.
Goerte, Anna L.	Fort Worth, Texas.
Hayes, Roberta	Whitney, Texas.
Johnson, Evelyn	Fort Worth, Texas.
Jones, Bertha	Fort Worth, Texas.
Keith, Katie B.	Fort Worth, Texas.
Lloyd, Jennie	Fort Worth, Texas.
Maloney, Ann	Fort Worth, Texas.

## Specials—Continued

McGehee, Anna .....	Mineral Wells, Texas.
McMillan, Nina .....	Fort Worth, Texas.
Melugin, Lillie .....	Fort Worth, Texas.
Moore, Annie .....	Fort Worth, Texas.
Morrison, Sue .....	Fort Worth, Texas.
Myles, Nora .....	Fort Worth, Texas.
Neal, Regina .....	Fort Worth, Texas.
O'Connor, Katie .....	Fort Worth, Texas.
Phelps, Pearl .....	Fort Worth, Texas.
Prewitt, Hattie O. ....	Fort Worth, Texas.
Rogan, Mary A. ....	Fort Worth, Texas.
Sanders, Mrs. H. C. ....	Fort Worth, Texas.
Smotherman, Walter .....	Fort Worth, Texas.
Stanton, Mrs. Willie .....	Fort Worth, Texas.
Taylor, Mrs. Frank .....	Fort Worth, Texas.
Thomas, Helen B. ....	Dallas, Texas.
Trimble, G. B. ....	Fort Worth, Texas.
Walters, Ruth .....	Fort Worth, Texas.
Winfield, Ruth .....	Fort Worth, Texas.
Yates, Winifred .....	Fort Worth, Texas.
Young, Mildred .....	Fort Worth, Texas.

## BIBLE COLLEGE ONLY—Long Session

Barnes, Carl .....	Rylie, Texas.
Barnett, Jack .....	Marlin, Texas.
Burns, Pearce J. ....	Wylie, Texas.
Crawford, Marshall .....	Marlin, Texas.
Estes, Beverly .....	Marlin, Texas.
Hart, Mrs. H. J. ....	Shreveport, La.
Howard, Duane .....	Cisco, Texas.
Hughes, V. R. ....	Fort Worth, Texas.
McReynolds, Mrs. A. B. ....	Fort Worth, Texas.
Nolan, Raymond J. ....	Galveston, Texas.
O'Keefe, John .....	Kemp, Texas.
Redford, Harvey .....	Paris, Texas.
Sandidge, Othel .....	Hale Center, Texas.
Shelton, G. I. ....	Fort Worth, Texas.
Tetens, Ernest .....	Sherman, Texas.
Wilkening, W. D. ....	Fort Worth, Texas.
Williams, Etta .....	Wagoner, Oklahoma.
Wright, James R. ....	Arlington, Texas.

## FINE ARTS—Long Session

Adams, Mary .....	Fort Worth, Texas.
Agee, Aileen .....	Fort Worth, Texas.
Baker, Mary Elizabeth .....	Fort Worth, Texas.

## Fine Arts—Continued

Black, Sybil .....	Fort Worth, Texas.
Bryson, Virginia .....	Fort Worth, Texas.
Burns, Nita Grace .....	Fort Worth, Texas.
Coombes, Beth .....	Abilene, Texas.
Haile, Elster .....	Fort Worth, Texas.
Haile, Shirley .....	Fort Worth, Texas.
Hall, Bitá Mae .....	Fort Worth, Texas.
Harp, Mrs. H. H. ....	Fort Worth, Texas.
Jackson, Bertha .....	Fort Worth, Texas.
Jones, Craigan .....	Fort Worth, Texas.
King, Gwendolyn .....	Fort Worth, Texas.
Labuizza, Mary Louise .....	Fort Worth, Texas.
Lee, Mrs. R. T. ....	Fort Worth, Texas.
Lewis, Frances .....	Fort Worth, Texas.
McDiarmid, Florence .....	Fort Worth, Texas.
McGrath, Kathleen .....	Fort Worth, Texas.
Montrief, Mrs. W. E. ....	Fort Worth, Texas.
Morris, Reva .....	Fort Worth, Texas.
Murphy, Mavis .....	Burleson, Texas.
Naylor, Sylvia .....	Fort Worth, Texas.
Pinkerton, Mary Lee .....	Haskell, Texas.
Pressley, Camilla .....	Fort Worth, Texas.
Reardon, Mrs. Geraldine .....	Fort Worth, Texas.
Record, Marjorie .....	Des Moines, N. M.
Renfro, Stella .....	Fort Worth, Texas.
Rone, Christine .....	Fort Worth, Texas.
Rowe, Marguerite .....	Fort Worth, Texas.
Shoemaker, Lorraine .....	Fort Worth, Texas.
Shoemaker, Ruth .....	Fort Worth, Texas.
Stafford, C. C. ....	Oneonta, Ala.
Strother, Alice .....	Fort Worth, Texas.
Taylor, Dick .....	Fort Worth, Texas.
Tracy, Kyle .....	Fort Worth, Texas.
Vincent, Martha .....	Fort Worth, Texas.
Walker, Mrs. Robert .....	Fort Worth, Texas.
Williams, Miss Davis .....	Fort Worth, Texas.

## FINE ARTS SUMMER TERM ONLY, 1922

Baker, Minnie .....	Fort Worth, Texas.
Fred, Rosa .....	Fort Worth, Texas.
Geridro, Emile .....	Fort Worth, Texas.
Klein, Mrs. Marvel .....	Fort Worth, Texas.
Lewis, Vera .....	Fort Worth, Texas.
Lowery, Eloie .....	Fort Worth, Texas.
Osterman, Eva Mae .....	Fort Worth, Texas.
Peacock, Ella .....	Fort Worth, Texas.

CLASSIFICATION OF COLLEGE OF ARTS AND SCIENCES, SESSION 1922-23.

LONG SESSION:		Bachelor: Not Candidate for a Degree.	Graduate: Candidate for Master's.	Senior	Junior	Sophomore	Freshman	Special (not regular for Degree.)	Total
Full Time Students:									
Men	.....	3	3	30	16	71	134	4	261
Women	.....	1	0	28	28	64	121	0	242
Both	.....	4	3	58	44	135	255	4	503
Part Time Students:									
Men	.....	5	0	1	4	8	12	13	43
Women	.....	4	0	3	12	7	16	36	78
Both	.....	9	0	4	16	15	28	49	121
Total—									
Men	.....	8	3	31	20	79	146	17	304
Women	.....	5	0	31	40	71	137	36	320
Both	.....	13	3	62	60	150	283	53	624
SUMMER SESSION, 1922.									
Full Time Students:									
Men	.....	1	3	14	24	10	23	3	78
Women	.....	2	3	15	29	32	27	38	146
Both	.....	3	6	29	53	42	50	41	224
Part Time Students:									
Men	.....	0	0	0	0	2	0	0	2
Women	.....	0	0	1	1	2	2	7	13
Both	.....	0	0	1	1	4	2	7	15
Total—									
Men	.....	1	3	14	24	12	23	3	80
Women	.....	2	3	16	30	34	29	45	159
Both	.....	3	6	30	54	46	52	48	239

## 200 TEXAS CHRISTIAN UNIVERSITY BULLETIN

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FULL YEAR (combining above without duplicates).

Full Time Students:

Men .....	3	4	36	23	75	140	7	288
Women .....	3	2	38	41	80	132	32	328
Both .....	6	6	74	64	155	272	39	616

Part Time Students:

Men .....	5	0	1	4	9	12	13	44
Women .....	4	0	3	13	8	16	42	86
Both .....	9	0	4	17	17	28	55	130

Total—

Men .....	8	4	37	27	84	152	20	332
Women .....	7	2	41	54	88	148	74	414
Both .....	15	6	78	81	172	300	94	746

### Summary

#### College of Arts and Sciences

	Men	Women	Total	
Graudate Students.....	12	9	21	
Senior Students .....	37	41	78	
Junior Students .....	27	54	81	
Sophomore Students .....	84	88	172	
Freshman Students .....	152	148	300	
Special Students .....	20	74	94	
<b>Total College of Arts and Sciences.....</b>	<b>332</b>	<b>414</b>	<b>746</b>	
<b>Brite College of the Bible</b>				
Total Ministerial Students.....	63	23	86	
Classified Elsewhere .....	46	19	65	21
<b>School of Fine Arts.....</b>				
.....	11	135	146	
Classified Elsewhere .....	5	95	100	46
<b>School of Home Economics.....</b>				
.....	0	17	17	
All Classified Elsewhere				

**Total Net Enrollment of the University Session, 1922-23.....813**



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