

VOLUME XII

NUMBER 2

Texas  
Christian University  
Bulletin

CATALOGUE NUMBER

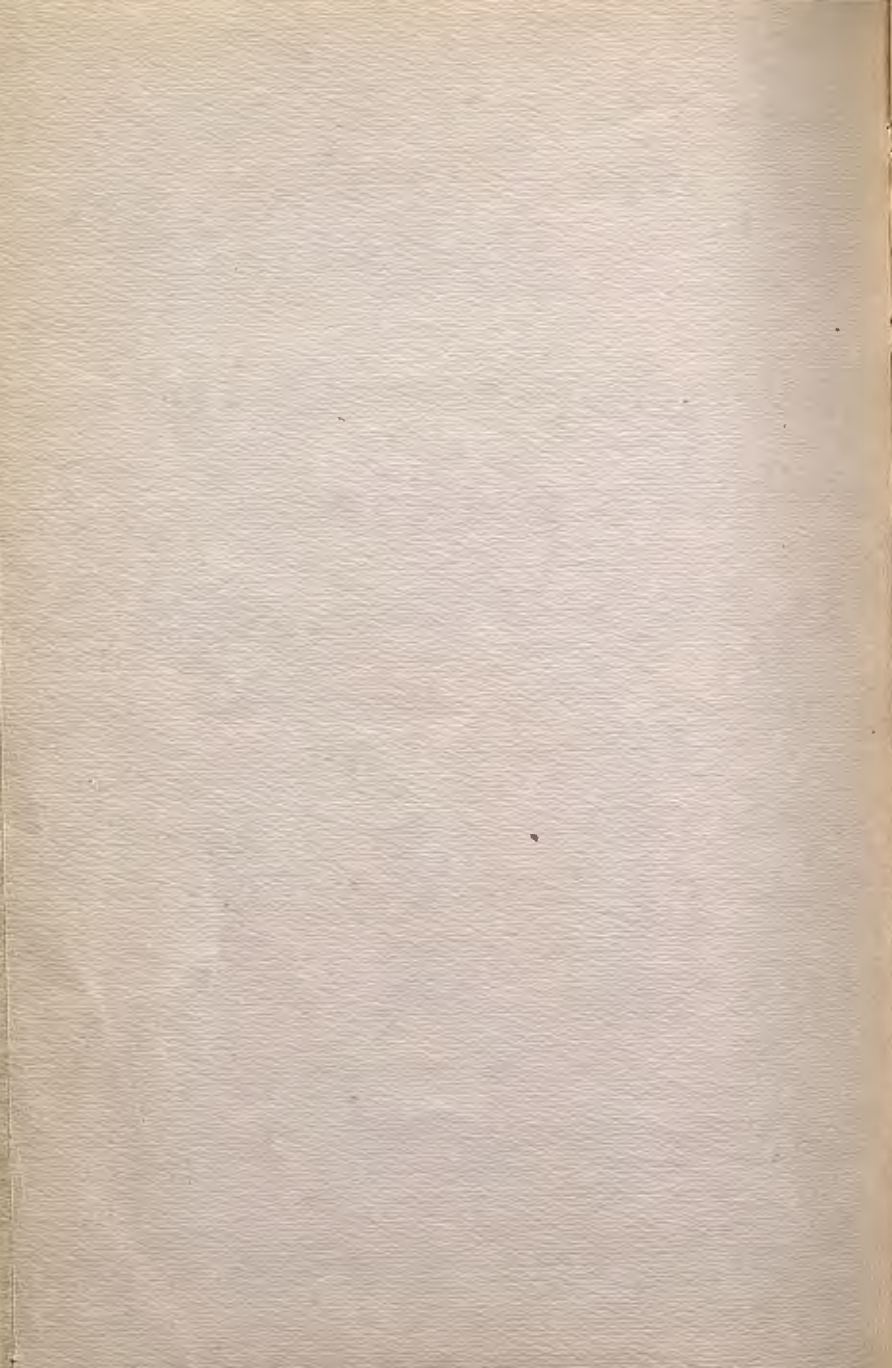
JUNE, 1916

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TEXAS CHRISTIAN UNIVERSITY  
FORT WORTH, TEXAS

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# Texas Christian University



## CATALOGUE 1915-1916

With Announcement of Courses  
for 1916-1917

Add-Ran College of Arts and Sciences.

Brite College of the Bible.

College of Fine Arts.

College of Medicine.

College of Business.

School of Home Economics.

Academy.

# CALENDAR

## SESSION 1916-17

Summer School Opens .....	Monday, June 12
Summer School Closes .....	Thursday, August 31
Fall Entrance Examinations .....	September 11 to 14
Fall Term Enrollment .....	Wednesday, September 13
Convocation Sermon .....	Sunday, September 17
Opening Exercises .....	Tuesday, September 19
Thanksgiving Holiday .....	Thursday, November 30
Old Men's Declamatory Contest.....	Friday, December 8
Christmas Holidays Begin.....	Thursday Evening, December 21
Fall Term Ends .....	Saturday, December 30
Winter Term Opens .....	Tuesday, January 2
New Men's Declamatory Contest.....	Thursday Evening, February 22
Winter Term Ends .....	Saturday, March 24
Spring Term Opens .....	Monday, March 26
Add-Ran—Shirley Debate .....	Friday Evening, April 20
Spring Entrance Examinations .....	May 7, 8, 9, 10
Joint Session of Literary Societies.....	Saturday, June 2
Baccalaureate Sermon .....	Sunday, June 3
Fine Arts Recitals .....	Tuesday and Wednesday, June 5, 6
Class Day Exercises .....	Thursday, June 7
Alumni Banquet .....	Thursday Evening, June 7
Commencement Exercises .....	Friday, June 8
Summer School Opens .....	Monday, June 11

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PRESIDENT OF THE UNIVERSITY  
(To be elected)

WILLIAM B. PARKS, A. M.,

*Dean of the University; Professor of Chemistry and Physics.*

(B. S., Add-Ran University, 1886; A. M. *ibid.*, 1892; Student Vanderbilt University, 1884-'85; Graduate Student; *ibid.*, first term, 1886-'87; Harvard University, Summer of 1888; University of Virginia, Summer of 1890; University of Chicago, Autumn and Winter Quarters, 1902-'03; Summer Terms, 1908 and 1912; Professor of Natural Sciences, Add-Ran Christian University, 1887-'99; Professor of Natural Sciences, Randolph College, 1900-'01; Professor Natural Sciences and Mathematics, College at Hereford, 1900-'04; Graduate Student University of Chicago, Winter and Spring, 1914-'15; Dean of Texas Christian University, 1914—).

CLINTON LOCKHART, A. M., Ph. D., LL. D.,

*Professor of Greek and Hebrew.*

(A. B., Kentucky University, 1886; A. M., *ibid.*, 1888; Graduate in Classical Course, College of the Bible, 1886; Graduate Student Yale Divinity School, 1887-'88; Ph. D., Yale University, 1894; President Columbia College, Kentucky, 1892-'93, '94-'95; President Christian University, Missouri, 1895-1900; Professor of Biblical Literature, Drake University, 1900-'06; President Texas Christian University, 1906-'10; LL. D., Transylvania University, 1908; Professor Greek and Hebrew, Texas Christian University, 1911—).

EGBERT R. COCKRELL, A. M., LL. M.,

*Professor of Political Science and Economics; Principal of Department of Law.*

(A. B., Texas Christian University; A. M., Drake University; LL. B., Iowa College of Law (Drake); LL. M., Iowa College of Law; Graduate Student at University of Chicago, Summer Terms of 1901-'02; Graduate Student Columbia University, school year fo 1903-'04 and Winter and Spring of 1905; Graduate Student Oxford University, Summer, 1911, and University of Liverpool, Winter and Spring Terms of school year 1911-'12; Professor in Texas Christian University, 1899-1903; Professor in Texas Christian University, 1906—).

**CHARLES I. ALEXANDER, A. B., B. S.,***Professor of Mathematics.*

(A. B., Add-Ran Christian University, 1901; B. S., University of Texas, 1902; Graduate Student, University of Chicago, Autumn '02, Winter '03, Summer '12, Summer '14; Professor of Mathematics, Jarvis College, 1903-'05; Vice Principal and Professor of Mathematics, Hoitt's School, Menlo Park, Cal., 1905-'06; Graduate Student, Stanford University, 1905-'06; Professor of Mathematics, John Tarleton College, 1906-'08; Professor of Mathematics, Texas Christian University, 1908—).

**MARGARETE L. SARGENT,***Professor of Modern Languages.*

(Bierstedtsche Toechterschule, Rostock, Mecklenburg. Graduate Selecta, Magdeburg. French Seminary, Riveria. Saechsisches Lehrer Seminar, Dresden. Graduate study in Paris, France, 1912. Principal of German Department in Public Schools, Pomeroy, Ohio, 1887-'93; Professor Modern Languages, Fort Worth University, 1905-'11; Professor of Modern Languages, Texas Christian University, 1912—).

**COLBY D. HALL, A. M.,***Professor of English Bible.*

(Student in Add-Ran University, 1896-'99; A. B., Transylvania University, 1902; Graduate in Classical Course, College of the Bible, Transylvania University, 1902; Acting Professor of Latin, Texas Christian University, 1902-'03; A. M., Columbia University, 1904; Pastor Christian Church, Hillsboro, 1904-'06; Educational Secretary, Texas Christian University, 1906-'09; Pastor Christian Churches, Waco, 1909-11; Professor of Latin, Texas Christian University, 1912-'14; Professor of English Bible, Texas Christian University, 1914—).

**WILLIAM H. BATSON, Ph. D.,***Professor of Education.*

(A. B., Antioch College, 1907; Graduate Student at University of Michigan, Summer Terms of 1911, '12 and '13; Graduate Student, *ibid.*, 1911-'12; Graduate Fellow in Educational Psychology, *ibid.*, 1912-'13; Ph. D., University of Michigan, 1915; Teacher in Public Schools at Yellow Springs, O., 1907; Superintendent of School at Osborn, O., 1908-'11; Professor of Philosophy and Psychology in Texas Christian University, 1913-'15; Professor Education, Texas Christian University, 1915—).

**HOWARD B. DABBS, A. M.,***Associate Professor of Chemistry.*

(A. B. and B. O., Texas Christian University, 1910; A. M., *ibid.*, 1911; Graduate Student, University of Chicago, Summers 1912-'13;

Assistant Professor Texas Christian University, Summer, 1910; Professor of Chemistry and Physics, Hillsboro High School, 1911-'12; Professor of Chemistry and Physics and Dean of Tarleton College, 1912-'13; Assistant Professor of Chemistry, Add-Ran College, and Associate Professor Medical College, Texas Christian University, 1913-'14; Acting Professor of Chemistry, 1914-'15; Associate Professor Chemistry, Texas Christian University, 1915—).

**WILL McCLAIN WINTON, M. S.,**

*Professor of Biology and Geology.*

(B. S. and M. S., Vanderbilt University, 1908; Professor of Biology and Geology, Epworth University, 1908-'09; Professor of Biology, State Normal School, Edmond, Okla., 1909-'11; Instructor in Zoology, A. and M. College of Texas, 1911-'13; Professor of Biology and Geology, Texas Christian University, 1913—).

**E. C. WILSON, Ph. D.,**

*Professor of Philosophy.*

A. B., Milligan College, 1887; Admitted to Bar, Practiced Law Eight Years; Pastor of Church at Knoxville, Tenn., Ten Years; Ph. D., Clark University, 1915; Professor of Philosophy, Texas Christian University, 1915—).

**M. M. KNIGHT, A. M.,**

*Professor of History (on leave of absence).*

**JAMES A. CRAIN, A. B.,**

*Assistant Professor of History.*

(A. B., Texas Christian University, 1915; Instructor in English, Texas Christian University, 1915-'16; Assistant Professor of History, *ibid.*, 1916—).

**CHALMERS McPHERSON,**

*Professor of New Testament Christianity.*

(Student Georgetown College, Ky.; Student DuPaw University, Ind.; Pastor Waxahachie, Texas, Twenty Years; Pastor Fort Worth, Five Years; Bible Lecture Platform, Three Years).

**MILTON E. DANIEL, A. B., LL. B.,**

*Professor of Civil Law.*

(A. B., Texas Christian University, 1912; LL. B., University of Texas Law College, 1915; Professor of Law, Texas Christian University, 1915—).

**GEORGE M. CONNER, LL. B.,***Professor of Law.*

(Student Polytechnic College, 1907-'10; Tulane Law College, 1911; LL. B., University of Chicago, 1913; Professor of Law, Texas Christian University, 1915—).

**T. V. SMITH, A. M.,***Professor of English.*

(B. O., Gunter Bible College, 1912; B. E. *ibid.*, 1913; Principal School of Public Speaking, Gunter Bible College, 1913; English Scholar, University of Texas, 1914-'15; A. B., *ibid.*, 1915; Assistant Public Speaking, Summer School, *ibid.*, 1915; Graduate English Fellow, *ibid.*, 1915-'16; A. M., *ibid.*, 1916; Professor of English, Texas Christian University, 1916—).

**MARVIN H. BROWN, A. B., LL. B.,***Professor of Law.*

(A. B. and LL. B., University of Mississippi; Professor of Law, Texas Christian University, 1916—).

**FREDERIC CAHOON,***Violin (and Orchestra Work). Director of College of Fine Arts.*

(Pupil of Max Bendix, Musin and Shelley; Director of Music, Friends University, 1908-'10; Member of Faculty, National Academy of Music, New York; formerly with Bach-Temple Concert Company and New York Symphony and New York Festival Orchestras, First Violin in Germunder String Quartette, and Critic for "Violin World;" Metropolitan Opera Orchestra, 1010-'12; Professor of Violin, Texas Christian University, 1913—).

**HELEN FOUTS CAHOON,***Voice Culture.*

(Pupil of Max Heinrich, New York; pupil of Walter S. Young, New York; Member of Faculty of National Academy of Music, New York; Teacher of Piano and Voice, Friends University, Wichita, Kan., 1908-'10; Soloist, St. Andrew's Church, New York, 1910-'13; Professor of Voice, Texas Christian University, 1913—).

**ALINE WEIR WILSON***Piano.*

(Piano, Cincinnati Conservatory of Music; Pupil, Juan Roure, three years; Pupil and Assistant of Rafael Joseffy, five seasons; Director of Music, Virginia Christian College, Va., 1909-'12; Teacher New York City, 1912-'13; Randolph-Macon Institute, Va., 1913-'15; Texas Christian University, 1915—).

**THOMAS H. HAMILTON, A. B.,***Piano and Voice.*

(A. B., Monmouth College, 1907; Taught three years in Assuit College, Egypt; Three Summers in Europe; Graduate Monmouth Conservatory, 1911; Piano with Allen Spencer, Chicago; Voice with Thomas MacBurney; Taught in Amity College, Iowa, and Monmouth College, Illinois; Texas Christian University, 1915—).

**DURA BROKAW-COCKRELL, A. B.,***Principal of School of Painting and Drawing.*

(A. B., Drake University, 1896; Graduate, Drake School of Art, 1896; Principal of School of Art, Texas Christian University, 1899-1903; Graduate Student, Chicago Art Institute, Summer Terms of 1901 and 1902; Graduate Student, International Academy of Design, New York Art School and the Art Students' League, 1903-'05; Principal of School of Art, Texas Christian University, 1900—; Study in France and England, 1911-'12).

**LEILA LONG POWELL,***Principal School of Oratory.*

(Graduate Rayen School, Ohio, 1908; Graduate Cumnock School of Oratory, Northwestern University, 1911; Studio Work, 1912; Post Graduate, *ibid.*, 1913; Principal of School of Oratory, Texas Christian University, 1913—).

**J. A. DACUS,***Principal College of Business.*

(University Arkansas, 1893-'94; Graduate Draughton's Business College, Nashville, 1895; Principal Commercial Department Martin Institute, Jefferson, Ga., 1895-'96; Principal Shorthand Department Draughton's Business College, Texarkana, 1896; Proprietor Pottsville, Pa., Business College, 1897-'99; Principal Dacus' Business College, Dallas, 1903-'05; Principal Business College, Texas Christian University, 1905-'07; Principal Business College, Texas Christian University, 1910-'12; Manager Texas Christian University, 1912-'15; Principal Business College, Texas Christian University, 1915—).

**C. H. ROBERTS, A. B., A. M.,***Principal of the Academy—History.*

(Student Kansas University; B. S., Kansas Normal College, 1887; A. B., Kansas Normal College, 1889; A. B., Texas Christian University, 1914; A. M., *ibid.*, 1915; Principal Public Schools, Dighton, Kan., 1889-'93; Abingdon, Ill., 1894-'96; Buena Vista, Colo., 1896-'97; Superintendent of City Schools, Kingfisher, Okla., 1897-

1902; Professor of History and Political Science, Central State Normal School, Edmond, Okla., 1902-'08; Principal Logan County High School, Guthrie, Okla., 1908-'10; Principal of Academy of Texas Christian University, 1910—).

**ROBT. J. CANTRELL, B. O., A. M.,**

*Instructor in Latin (Academy).*

(Graduate Tyler Commercial College, 1905; Court Reporter, 1905-'06; B. O., Gunter Biblical and Literary College, 1909; A. B., *ibid.*, 1910; Principal College of Business, 1908-'09; Principal School of Oratory, 1910-'12; Graduate Student of Oratory, Gunter Biblical and Literary College, 1910; Pupil of L. B. C. Josephs, American Academy of Dramatic Arts, New York, Summer, 1910, and Columbia College of Expression, Chicago, 1911; Pastor, Big Springs, Texas, 1912; Pecos, Texas, 1913; A. B., Texas Christian University, 1914; A. M., *ibid.*, 1916; Instructor in Latin, *ibid.*, 1914—).

**M. L. MUNDAY,**

*Instructor in Mathematics (Academy)*

(Graduate North Texas State Normal, 1913; Graduate Book-keeping Department Metropolitan Business College, 1914; Principal of Rural School, 1911-'12; Principal Blooming Grove School and Instructor in Mathematics and Science, 1913-'14; Principal Central Texas Commercial College, 1914-'15; Instructor in Mathematics, Academy of Texas Christian University, 1915—).

**W. L. THORNTON, A. B., B. O.,**

*Instructor in Science (Academy)*

(Graduate Cleburne High School, 1910; A. B. and B. O. Thorp Springs Christian College, 1915; A. B. Texas Christian University, 1916; Instructor in History and Mathematics, Joshua High School, 1911-'12; Associate Instructor in Science, Thorp Springs Christian College, 1914-'15; Instructor in Science Academy of Texas Christian University, 1916—).

**MRS. LENA GARDNER, B. L.,**

*Instructor in English (Academy.)*

(B. L., Christian College, Columbia, Mo.; Special Student in English, William Wood College; Instructor in English, High School, Roswell, N. M., and Polytechnic High School; Texas Christian University, 1915—).

**ANNA McLENDON***Instructor in Piano.*

(Graduate in Music, Texas Christian University, 1915; Instructor in Piano, *ibid.*, 1916—).

**CECIL CRAIGER,***Assistant in Painting and Drawing.*

(Graduate Drake School of Art, 1914; Assistant in Art, Texas Christian University, 1915—).

**TESSE FERNE MOSEY,***Assistant in Oratory.*

(Student Illinois State Normal, Dekalb, Ill., 1907-'09; graduate Cumnock School of Oratory, Northwestern University, 1913; Instructor Texas Christian University, 1914—).

**MARY LEE MOORE, A. B.,***Principal of Domestic Science and Home Economics.*

(A. B., William Wood College, Fulton, Mo., and Graduate of Bible, 1910; Acting Principal of Bible Department, William Wood College, 1912-'13; Honor Graduate of Home Economics, William Wood College, 1913; Principal of Home Economics in Britton Training School, Cisco, Texas, 1913; Special Student, Home Economic School, Chautauqua, N. Y., 1914; Principal of Home Economics in Stanton College, Natchez, Miss., 1914-'15; Special Student Summer Course, Teachers' College, Columbia University, 1915; Principal of Home Economics, Texas Christian University, 1915—).

NOTE.—Professors in the College of Medicine are listed under that department.

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**OTHER OFFICERS OF THE UNIVERSITY**

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**H. M. DURRETT,**

*Business Manager.*

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*Endowment Secretary.*

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*Secretary of the Faculty.*

**NELL ANDREW,**

*Librarian.*

**MISS TYLER WILKINSON,**

*Lady Principal.*

**MISS ANNA McLENDON**

*Superintendent Piano Practice.*

**CRAIG DRYDEN,**

*Registrar.*

**E. Y. FREELAND,**

*Athletic Coach.*

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## INTRODUCTION

### HISTORY OF THE UNIVERSITY

In the fall of 1869, during the period of reconstruction in Texas after the Civil War, Addison Clark and Peter Smith opened a private school in the village of Fort Worth. A few months later, the place of Peter Smith was taken by Randolph Clark, a brother of Addison Clark, and the school was conducted by these two brothers until the spring of 1873. This school was not chartered, and later was not considered by the Clarks as forming a part of the history of the University; yet it was a natural predecessor and served to bring together into the same task the two men to whom the institution owes its origin.

In the fall of 1873, these brothers, seeing what they believed to be a better opportunity for such work in Thorp Springs, Texas, removed thither and began a private school, which was, almost immediately afterward chartered under the name of Add-Ran College. The character and ability of these teachers, together with the solid worth of the instruction and general advantages offered, attracted an appreciative and increasing patronage. To meet its demands, the modest plans of the beginning were enlarged and more ample buildings were erected; of right, the enterprise flourished.

In 1889 Add-Ran College became the property of the Christian Churches of Texas, the name being changed to Add-Ran Christian University. 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 remove the University from Thorp Springs to a more advantageous location, where the life of some city might enlarge the opportunities for culture afforded to the student, 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 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 Day, 1895, the change of location was formally made.

For a time after its removal, the growth of the University was retarded by such losses and adversities as of necessity attend all transplanting. But with steadfast faith a few heroic souls, chief among whom should be mentioned Thornton E. Shirley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but nevertheless surely, the old life, becoming adjusted to the new environment, pulsed with greater and ever 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 purposes and work of the school, while the name "Add-Ran," with its multitude of historic associations, was retained as the designation of the College of Arts and Sciences, the central college of the University. This name, though composed of the first syllables of Addison and Randolph, was the personal name of a younger brother, and was given to the College as a memorial after his demise at an early age.

On the evening of March 22, 1910, the Main Building of the University burned, depriving the school of classrooms, library, museum, chapel and much valuable furniture, besides the rooms of 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.

Almost immediately after the fire unsolicited bids for the removal of the University to some other city were urged upon the Trustees by Committees from Dallas, Fort Worth and other cities. Though the Trustees seriously dreaded the difficulties and perhaps ill-will that such a removal would entail, and disliked to sacrifice other valuable buildings, yet finding no possibility of rebuilding in Waco for lack of funds, they finally, in the following June, accepted the offer of citizens of Fort Worth to give fifty acres of beautiful land for a site and \$200,000 in cash and property.

The University began its sessions in Fort Worth the next September in a rented business block, and a year later the new Main Building and Jarvis Hall were opened, and the school entered into its new home. In 1912 Goode Hall, and in 1913 Clark Hall, became available; and soon the growth of the University began to prove that a new era of its history had dawned.

The University has had five presidents: Addison Clark, Albert Buxton, E. V. Zollars, Clinton Lockhart and Frederick D. Kershner; also two acting presidents, E. C. Snow and W. B. Parks.

### LOCATION, BUILDINGS, GROUNDS

Fort Worth is one of the most rapidly growing cities of Texas, and one of the largest, most substantial and most prosperous centers of trade and thought in the whole Southwest. The city is well built, well paved and thoroughly up-to-date. As a railroad center of note, it is easily accessible from all quarters. It is well drained, has an abundant supply of excellent water; and statistics show that it is one of the most healthful cities in the Union. Before all things else, perhaps, it is a good residence city. Beautiful homes and well-kept lawns and streets testify to the character and taste of its citizens. Its public educational facilities are excellent; in addition it has many private schools and several institutions of higher learning. Without doubt, it is the greatest educational center in the State.

The University is situated on an elevated location in one of the southern suburbs, about two and a half miles from the Union Station. It is, thus, so removed from the smoke and noise of the city as to have all the healthfulness and freedom of the country; yet through its connection by electric car line with the down-town district it is a matter of only a few minutes' ride to reach the business center of the city. The campus comprises some fifty acres of land, all of which is to be planted and adorned by a landscape artist. The buildings are tastefully disposed and constructed according to a suitable and uniform style of architecture. The elevation affords a commanding view of the city beneath and large vistas of the surrounding country.

Thus fortunately situated, Texas Christian University offers the advantages of both country and city life, the disadvantages of both being eliminated. It is a location that cannot be surpassed.

## ADMINISTRATION BUILDING

The Administration Building is a massive four-story structure, built of re-enforced concrete throughout, faced with cream-colored brick, and is absolutely fireproof. Floors, ceilings, staircases—all parts of the building except doors, windows and facings 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.

The equipment of all science rooms is thoroughly up-to-date, and the student has no lack of opportunity for securing adequate information through experimental methods. The chapel is one of the finest in the South. Its dimensions are ninety by fifty feet. The platform is thirty-six by thirty feet in size, and is well equipped with dressing rooms on the wings. Its seating capacity, counting gallery space is over one thousand.

It is safe to say that no more suitable and complete equipment for class room or lecture work is to be found in any institution in the land. The rooms, all of ample size, are well heated and lighted, and are provided with the most approved furniture.

This building contains the Department of Fine Arts, including Music, Painting and Oratory; the Business College; and the halls for the literary societies. The Music Department is equipped with new Knabe pianos, and has splendid practice and instruction rooms. The Business College is allotted ample space and is also well furnished. The literary societies have beautiful halls. The liberality of students and friends has rapidly given these halls the equipment to which they are entitled. In the Administration Building, the University has a workshop worthy of her ideals and unexcelled in facilities for producing that culture which is the object of the school.

## JARVIS HALL

The new dormitory for young ladies is beautiful in form and finish, and is an exquisite product of the builders' art. Severely in harmony with the general plan adopted for the group of University buildings, its classic grace and dignity are not only restful to the eye, but are also an inspiration to noble thought and life. Like

the Administration Building, it is constructed of re-enforced concrete throughout and cream brick facing, and is therefore absolutely fireproof. A fire could be kindled on the floor of any room without harming the building in any respect aside from blackening the walls, and injuring doors and windows. The building contains 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 MEMORIAL HALL

A four-story concrete building, very similar in many respects to the Girls' Home, 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

By the generosity of Mr. L. C. Brite of Marfa, Texas, a beautiful new building has just been completed and 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, that cost about \$40,000, is perhaps the neatest piece of architecture on the campus.

#### GOODE HALL

Goode Hall, so named because of the liberality of Mrs. M. A. Goode of Bartlett, Texas, who was one of the principal donors to the building fund, contains fifty-four living rooms, besides lavatories, dining hall, kitchen and the plant of the University Print Shop. The building is designed especially for ministerial students, and affords an opportunity for securing room and board at an exceptionally low cost, the dining room and kitchen being placed at the disposal of the Ministerial Boarding Club. Ministerial quarters in most schools lack in efficiency and comfort what they gain in economy. This is not true, however, here, since Goode Hall is,

in every respect, a credit to the institution and to the work which it represents.

### LABORATORIES

The laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of Chemistry, Physics and Biology. The aim is to give the student such a first-hand acquaintance with the facts in connection with the subject of study that he may be led to a direct comprehension and immediate knowledge of the laws of nature involved. In each of the laboratories provision is made for carrying out, in full, the courses outlined for its respective department. The advanced courses in Physics are concerned chiefly with matters of quantitative measurement. The biological laboratory, in addition to the apparatus necessary for satisfactory handling of fresh material—much of which may be collected in the immediate vicinity—has in alcoholic preservation a collection of specimens selected with reference to a comprehensive study of the differences as well as the resemblances of many forms of life, from the study of which the student may obtain an intelligent view of the important subject of classification.

### MEDICAL COLLEGE BUILDING

The Medical Department is housed in an unusually beautiful and commodious building on Fifth and Calhoun Streets, but two blocks from Main Street, and in the center of the best dispensary district. It is owned by the University and was specially designed and constructed for Medical College work. It is conceded to be one of the best medical buildings of its size in the United States and is valued with grounds, exclusive of equipment, at \$100,000. It is constructed of steel, stone and gray brick, with a floor space of over 25,000 square feet, well plumbed, heated, lighted and ventilated, with four floors entirely devoted to medical and dispensary work.

### LIBRARY

The University Library occupies a portion of the main building. The Theological Library of Brite College of the Bible will soon be opened in Brite Hall. Limitations of room now seriously demand a separate library building.

From the founding of the present library (1910) to date the library contains 5,292 volumes. The Dewey Classification is used.

The library is open from 8:30 a. m. to 5:30 p. m., and to the young men two evenings a week, from 7:30 to 10 p. m.

Students also have access to the Carnegie Public Library and the T. C. U. Medical Library, containing 2,845 bound volumes and 315 pamphlets. Both of these libraries are easily reached, being located in the business portion of the city.

On January 11, 1916, Hon. J. H. (Cyclone) Davis, House of Representatives, named this library as a Designated Depository for Government Publications. The annual distribution is 1,000 books and pamphlets. The library is now due about 11,000 back volumes, which will make a usable library within itself. It also receives the State publications.

The library has recently acquired a complete file of "Science," first series, twenty-three volumes. Visitors will be cordially received and will be offered free use of the magazines; but all research work must be made in the T. C. U. Library. The library will look up references for scientists who will be unable to come to this city to do their research work in person.

Three new departments have been added: Law, Domestic Science, and Crafts. The libraries for these departments are included in the University collection of books.

### GOVERNMENT AND ORGANIZATION

When Add-Ran University became the property of the Christian Churches of Texas, delegates from the associated churches assembled in convention, elected a Board of Trustees, each to hold office four years, that should, in the name of the church, control the affairs of the institution. This Board was made self-perpetuating, the term of office for part of the membership expiring each year, the remaining members filling the vacancies by election, provision being thus made for a change of the personnel of the whole Board every four years. The functions of the Trustees were, and are, to provide what in their judgment may be necessary for the effective working of the school, to meet, in as far as financial conditions may warrant, the demands of its growth and enlargement, and to govern either mediately or immediately the institution committed to their charge. Associated with the regular Board, and sharing more or less in the responsibilities, is an Advisory Board, elected or re-elected annually by the Executive Board

The immediate government of the internal affairs of the University the Trustees have delegated to a President and Faculty, whose functions and powers are such as usually appertain to Presidents and Faculties in similar institutions. The Trustees, however, reserve to themselves the supreme authority in all things.

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

## DEPARTMENTS OF THE UNIVERSITY

- I. Add-Ran College of Arts and Sciences
- II. College of the Bible
- III. College of Fine Arts
- IV. College of Business
- V. College of Medicine
- VI. The Academy
- VII. School of Home Economics.

### AFFILIATED COLLEGE

Midland College, Midland, Texas

The College of Arts and Sciences includes for the present the Department of Law, which, it is hoped, will soon grow into a College of Law and be listed separately.

The College of Fine Arts includes the School of Music, the School of Oratory and the School of Painting and Drawing.

The College of Medicine includes the School of Pharmacy and the School of Nursing.

The College of the Bible and the College of Medicine, having separate charters and trustees, are corporations legally distinct from the University corporation.

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ADD-RAN COLLEGE  
OF  
Arts and Sciences

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## FACULTY

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**W. B. PARKS, A. M.**

*Dean of the University; Professor of Physics and Chemistry.*

**CLINTON LOCKHART, Ph. D., LL. D.,**

*Professor of Greek and Hebrew.*

**EGBERT R. COCKRELL, A. M., LL. M.,**

*Professor of History and Political Science.*

**CHARLES I. ALÉXANDER, A. B., B. S.,**

*Professor of Mathematics.*

**WILLIAM H. BATSON, A. B.,**

*Professor of Education.*

**MARGARET L. SARGENT,**

*Professor of Modern Languages.*

**COLBY D. HALL, A. M.,**

*Professor of English Bible.*

**E. C. WILSON, Ph. D.,**

*Professor of Philosophy.*

**WILL McCLAIN WINTON, M. S.,**

*Professor of Biology and Geology.*

**T. V. SMITH, A. M.,**

*Professor of English.*

(TO BE SUPPLIED)

*Professor of Latin and Spanish.*

**HOWARD B. DABBS, A. M.,**

*Associate Professor of Chemistry.*

**JAMES A. CRAIN, A. B.,**

*Assistant Professor of History.*

**MILTON E. DANIEL, A. B., LL. B.,**

*Professor of Law.*

**GEORGE M. CONNER, LL. B.,**

*Professor of Law.*

**MARVIN H. BROWN, A. B., LL. B.,**

*Professor of Law.*

## 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 that 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. The College of Arts and Sciences provides the foundation upon which all special success must be established. 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. The mind well cultivated in close study wins by the very superiority that it possesses. Accordingly the founders and directors of this 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

Fourteen units (see definition of unit under "Entrance Examinations") of high school credits are required for unconditional admission into the College of Arts and Sciences. Students may, however, be admitted conditionally with only twelve units. Admission may be on any one of the following grounds:

(a) By diploma from the Academy of Texas Christian University or from any academy or high school fully affiliated in any state where requirements are equal to those in Texas, in which cases no examination will be required.

(b) By teachers' certificates, credited as follows: First grade state teachers' certificate, 9 units; permanent state teachers' certificates, 12 units; graduation from state normal school, three years' course, 14 units and 10 college credits; graduation from state normal school, four years' course, 14 units and such college credit as the student's record shows to have been completed. Deficiencies must be met by examination or work in the Academy.

(c) By individual approval. At the discretion of the Dean, an applicant over twenty-one years of age may be admitted without examination. He will be credited with such work as he shall have completed; but such credit may be only tentative and be further tested by work in class. Persons who have been in school recently are not expected to be in this class.

(d) Students seeking admission from another College must present a letter of honorable dismissal, a catalogue of the College from which he comes, and a full statement of the work he has done, including entrance credits. This statement must be made out on the official blanks (to be had of the Registrar of Texas Christian University) and properly signed by the authorities of the College where the work was done.

(e) By examination, which may be offered to any applicant in any subject which has been taken as a regular course in some school. The following classes of applicants are required to take examinations for entrance units:

(1) Those coming from unaffiliated schools must be examined in all subjects on which they would receive credit.

(2) Graduates from affiliated high schools or holders of any teachers' certificates, whose approved units are less than fourteen, may be examined for the remaining number of units.

(3) Students from affiliated schools who are not graduates must be examined in all the subjects on which they would receive credit. Otherwise, they may enroll in the Academy and there secure graduation.

In the event any student fails to take or to pass an entrance examination, the deficient work may be done by taking regular courses in the Academy.

In all cases, if a student, after being permitted to enter a college class in any department, fails to demonstrate his ability to carry the course with satisfaction to the professor in charge, the amount of credit (entrance or college) given may be reduced or cancelled, and he may be required to enter a lower class.

An applicant is required to furnish on a blank to be secured from the Registrar of Texas Christian University a statement

of his work in other schools prepared and signed by officials of those schools. It is well to mail this statement to the Dean before the opening of the term. He will also furnish evidence of good moral character and honorable standing in the school last attended.

### MATRICULATION

A student entering the University for the first time should observe the following *order of procedure*:

If examination is required, be at the Dean's office at the times announced in the Calendar. On the first day of the term, secure and fill out Matriculation Blank at Registrar's office. Present this with all other credentials to the Dean, and have course of study selected and approved by the Dean. Then return this paper to the Registrar, settle fees, and obtain a Matriculation card to show the several professors on entering classes.

Any change of an approved course of study will be permitted only by consent of the Dean. The Registrar is entitled to a fee of \$1.00 for recording such changes. A fee of one dollar may be charged for late registration if matriculation be not completed by Thursday of the opening week of any term.

After the second week of the term a student may be admitted to any class only by making up to the satisfaction of the teacher the work done already by the class. A student may be required to show adequate preparation or aptitude before entering any class after part of the work of the term has been done.

### ENTRANCE EXAMINATIONS

A unit course of study, as here used, means a course that covers a school year of, at least, thirty-five weeks with five recitations per week of not less than forty-five minutes each. Of the fourteen entrance units required for admission to the freshman class, eleven and one-half ( $11\frac{1}{2}$ ) are prescribed, as follows: Three (3) units in English, two and one-half ( $2\frac{1}{2}$ ) in Mathematics, three (3) in Foreign Languages or two (2) in each of two Foreign Languages, two (2) in History, and one (1) in Science. Only one (1) unit may be presented in Vocational subjects, and only one (1) in Bible subjects.

## SUBJECTS ACCEPTED FOR ADMISSION

SUBJECT	Value of Each	Units Required	Units Allowed
English .....		3	4
History and Civics .....		2	4
Ancient History .....	1 unit		
Medieval and Modern History.....	1 "		
American History .....	$\frac{1}{2}$ or 1 "		
English History .....	$\frac{1}{2}$ or 1 "		
Civics .....	$\frac{1}{2}$ "		
Foreign Languages .....		3	4
French .....	2 or 3 "		
Greek .....	2 or 3 "		
German .....	2 or 3 "		
Latin .....	2, 3 or 4 "		
Spanish .....	2 or 3 "		
Mathematics .....		2 $\frac{1}{2}$	3 $\frac{1}{2}$
Algebra .....	1 $\frac{1}{2}$ "		
Plane Geometry .....	1 "		
Solid Geometry .....	$\frac{1}{2}$ "		
Trigonometry .....	$\frac{1}{2}$ "		
Sciences .....		1	2
Botany .....	$\frac{1}{2}$ "		
Chemistry .....	1 "		
Physics .....	1 "		
Physiography .....	$\frac{1}{2}$ "		
Physiology .....	$\frac{1}{2}$ "		
Zoology .....	$\frac{1}{2}$ "		
Vocational Subjects .....			1
Agriculture .....	$\frac{1}{2}$ "		
Bookkeeping .....	$\frac{1}{2}$ "		
Drawing .....	$\frac{1}{2}$ "		
Domestic Science .....	$\frac{1}{2}$ "		
Manual Training .....	$\frac{1}{2}$ "		
School Methods and Management....	$\frac{1}{2}$ "		
Bible Subjects .....			1
Old Testament .....	$\frac{1}{2}$ "		
New Testament .....	$\frac{1}{2}$ "		

## SCOPE OF ENTRANCE EXAMINATIONS

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

*Mathematics.*—1. Beginning Algebra, covering Inequality, Involution, Evolution, Theory of Exponents to Radical Expressions; 1 unit.

2. Advanced Algebra, through Radical Expressions, Progressions, the Binominal Theorem and Graphs;  $\frac{1}{2}$  unit.

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

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

2. Modern History, a course equivalent to that in Myers' Medieval and Modern History; 1 unit.

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

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

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

2. Rhetoric and Composition, as presented in standard works on the subject, such as Scott and Denny, Lockwood and Emerson, or Markley. An original theme may be assigned to test style, diction, paragraphing and accuracy of expression; 1 unit.

3. English and American Literature. History of the leading authors, their periods and productions, such as given in Simonds, Halleck, or Pattie and Newcomer. See reading required in the Academy of this University; 1 unit.

*Latin.*—1. Elements of Latin Grammar, simple exercises in prose composition, translation of Latin such as those in Hale's First Year in Latin; 1 unit.

2. Second Year Latin, Caesar's Gallic Wars, with more advanced composition and tests in grammar; 1 unit.

3. Readings in Sallust's Catiline and at least two of Cicero's Orationes, with tests of grammar and etymology; 1 unit.

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

2. Xenophon's Anabasis continued, seventy-five to one hundred and twenty pages, or other Attic prose of equivalent amount. Translations, questions of grammatical forms and constructions; 1 unit.

*German.*—Elementary grammar, including the conjugation of weak and more usual strong verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries and commoner usages of syntax; 1 unit.

2. Reading of two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple English sentences or easy connected prose. Pronunciation with accuracy is desired and ability to understand simple derivation in German; 1 unit.

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

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

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

*Physics.*—Work must cover recitation and class-room demonstration, as covered by such a text as Carhart and Chute's High School Physics, or Gage's Elementary Physics. Also, individual laboratory work comprising forty exercises selected from such books as Adam's, or Chute's Manual; 1 unit.

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

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

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

#### TIME OF EXAMINATIONS

In all branches covered by the Summer School, examinations can be had at the close of the Summer Term. Examinations on

all branches will be offered at the University on Sept. 11, 12, 13, 14, 1916; and May 7, 8, 9, 10, 1917.

### CLASSIFICATION OF COLLEGE STUDENTS

All work done in College is estimated in credits. A credit is the amount of work done in a class calling for one class-room period with two hours preparation, per week, for one term.

A *regular student* is one who is taking at least 14 hours of recitations per week, and conforms to the requirements leading to a degree.

Regular students rank according to amount of work already done, as follows: Conditioned Freshmen, 8 prescribed, total of 12 units; Full Freshmen, 11 prescribed, total of 14 units; Sophomores, all entrance requirements and 45 credits; Juniors, all entrance requirements and 90 credits; Seniors, all entrance requirements and 135 credits; Graduates, all work for Bachelor's degree; 180 credits.

*Irregular students* are those who take a full amount of work, but are not meeting the requirements for a degree.

*Special students* are those who take less than the minimum of work. Only those who are twenty-one years of age are expected to exercise this privilege. Any other person must show good reason together with consent of parent. He must also maintain good conduct and make acceptable grades, otherwise the privilege may be withdrawn at any time by the Faculty.

Students who take most of their work in other departments will be permitted to carry less than the minimum in the College of Arts and Sciences, but they will classify in the other departments, the total amount of their work must be equivalent to the 14 hours minimum, except by special permission.

### ADVANCED STANDING

Advanced standing in the College of Arts and Sciences will be credited to students who bring certificates of completed work in other colleges of known and approved standing. Examination may be offered on work taken in colleges of unknown or unapproved rank, but only by consent of the Dean and the head of the department, in which the examination would be held.

The student may expect such an examination to test his knowledge of even the details of the subject.

Advanced standing will not be granted by examination or otherwise for work done by private reading, under private tutelage, or in high schools, no matter how many units the high schools may offer.

Students credited with advanced standing will be expected to comply with the same requirements for graduation as those who do not receive such standing.

### SELECTION OF COURSE OF STUDY

In selecting a course of study, the student must first choose those subjects in which he has deficiencies. College work may not be assigned until all preparatory work is completed or assigned. The next choice should be made from the required courses listed under the head of "Requirements for Graduation," and it will be well to take these about in the order of the list. It is expected that much of this required work will be done in the Freshman and Sophomore years, since they are designed to afford a basis of general culture which every scholar should have before he begins any form of specialization. Hence these courses are for the most part fixed, and are the same for all.

By the beginning of the Junior year, the choice of "groups" described below should be made.

If a student knows himself to be deficient in spelling, penmanship or the use of the English language, he will do well to place such a branch on his schedule as early as possible, for the Faculty reserves the right to assign such work at any time to any student who may need it.

The regular student must take as his minimum 14 recitation hours per week. Each regular student should plan to make 15 credits per term. The maximum is 18 hours, and in no case will a student receive more than 18 credits per term.

A "credit," as here used, signifies the work of one hour of recitation with two hours of preparation per week through one term of three months. Three hours of laboratory work is reckoned equal to one hour of recitation. 180 credits are required for graduation.

## GRADES

The standing of a student in his work is expressed in grades (made up from class work and from examination) and in points. The grades are as follows A+, A, B+, B, C, D, E

A course will be reported incomplete when a passing grade has been made on only a portion of the required work of the course. An incomplete course must be completed not later than twelve months after the course was taken; otherwise it becomes a failure. Work that is incomplete shall be marked with a grade of D.

Any course receiving a 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 on any term's work will not be allowed to continue the course.

The points assigned to the different grades are as follows:

A+=5 points for each credit; A=4 points for each credit.

B+=3 points for each credit; B=2 points for each credit.

C=1 point for each credit.

Absence from recitation brings a zero grade for the day, but if the absence be excused and the lost lesson be prepared, an average grade may be secured. Many absences will result in failure to pass, or dismissal from class.

## REQUIREMENTS FOR GRADUATION

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

The requirements for graduation may be presented best in sections:

FIRST.—Each student is required to take the following courses:

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

*Chemistry*—Course 11, twelve credits.

*English*—Courses 11 and 24, fifteen credits.

*History*—One year, nine credits.

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

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

*English Bible*—Fifteen credits; nine in 21f, 22w and 23s, and six in either 31ws or 32fw.

*Department of Biology*—One year, nine credits.

SECOND.—Each student is required to elect by the end of his Sophomore year a "group" of major, first minor and second minor departments, in which he will be expected to complete in the major department as many as 39, not more than 48, credits; in the first minor department as many as 27, not more than 36, credits; and in the second minor department 18 or more. The "groups" given below from which this selection must be made, are so arranged that the minor subjects will strengthen the major and make the student's specialization more effective. Students of the class of 1917 are permitted to select from the older system of majors and minors, printed in previous Bulletins.

## GROUPS

### I. THE CLASSIC GROUP:

*Major*, Greek or Latin Language and Literature.

*First Minor*, the other of these subjects.

*Second Minor*, English.

### II. THE ENGLISH GROUP:

*Major*, English.

*First Minor*, Greek, Latin, German, or French.

*Second Minor*, a Foreign Language, History or Education.

### III. MODERN LANGUAGE GROUP:

*Major*, German, French, or Spanish.

*First Minor*, another of these Languages.

*Second Minor* (with German as major), Education or English, or (with French or Spanish as major), Latin.

#### IV. THE SOCIAL SCIENCE GROUP:

*Major*, Government with Economics, Philosophy or History.

*First Minor*, another of these subjects.

*Second Minor*, Education or a Foreign Language.

#### V. THE SCIENCE GROUP:

*Major*, Chemistry, Biology or Mathematics.

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

*Second Minor*, German, French or Education.

THIRD.—Each student is required to make before graduation a total of 180 credits and 400 points.

(By the term credit is meant one hour of recitation or three hours of laboratory work per week for one term. For estimation of points see "Grades," page 33).

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.

### REQUIREMENTS FOR DEGREE MASTER OF ARTS.

Texas Christian University has prepared courses of study for such students as, after receiving the A. B. degree, wish to take another year of literary work. On a student's completion of a year (forty-five credits) of resident work, the University will confer on him the degree of Master of Arts. It is stipulated, however, that such work must be made of courses not below the Junior year, and that whatever supplementary work may be

imposed in any case, in order that the course may be entitled to graduate credit, must also be satisfactorily completed. Also, an approved thesis will be required before the candidate is accepted for graduation; this thesis must be handed in before May 1st. The degree of Master of Arts will not be conferred upon any candidate whose grade in his work for the Master's degree falls below an average of B in any subject.

#### ELECTIVES FROM THE COLLEGE OF THE BIBLE

Candidates for the degree of A. B. are permitted to elect as many as thirty-six credits from the studies offered in the College of the Bible, to be selected from the following: Hebrew, New Testament Greek, O. T. History, Gospels, Later Jewish History, Messianic Prophecy, Old Testament Introduction, New Testament Introduction, Textual Criticism of the New Testament, Law of Moses, Monuments and the Bible, and Literature of the Old Testament. In case Hebrew is elected as part of the "foreign language" study in the course leading to A. B., it will be deemed a regular branch in the College of Arts.

Candidates for the degree of A. M. are permitted to elect as many as twenty credits from any studies in the foregoing list, except the first year in Hebrew; but no studies used in the course for Bachelor of Arts may be recounted for Master of Arts.



- 24f. *Comparative Anatomy (three credits)*.  
T. Th., 10:30 and W. F., 10:30 to 12:30  
(Not given in 1916-17).
- 25w. *General Biological Problems (three credits)*. T. Th. S., 10:30  
Lectures and library assignments. (Not given in 1916-17)
- 26s. *Physiology (three credits)*. T. Th. 9 and W. F., 8 to 10  
Intended primarily for those expecting to teach the sub-  
ject in the public schools.
31. *Geology (nine credits)*.  
W. F. 10:30 and T. Th., 10:30 to 12:30  
This course is open only to Juniors and Seniors. Besides  
Biology 11, Chemistry 11 is also a prerequisite.

## DEPARTMENT OF CHEMISTRY AND PHYSICS

PROFESSOR PARKS

ASSOCIATE PROFESSOR DABBS

11. *General Inorganic Chemistry (twelve credits)*.  
11:30 T. Th. S.  
Laboratory 1:30 and 2:30 W. and F. When taken in  
Junior or Senior years only nine credits are allowed.
21. *Qualitative Analysis (nine credits)*.  
Fall and Winter 8 M. W. F.  
Laboratory 1:30 and 2:30 T. Th.  
Prerequisite, Course 11 or 14.  
The class-room work deals mainly with analytical re-  
actions. The course is, in a very important sense, one in  
advanced General Chemistry.
14. *Advanced Inorganic Chemistry (twelve credits)*.  
11:30 M. W. F.  
Laboratory, 1:30 and 2:30 T. Th.  
Prerequisite, High School Chemistry. This course con-  
sists of a more advanced study of inorganic chemistry.  
Such subjects as the periodic law, dissociation theory and  
other modern views will receive emphasis.

31. *Quantitative Analysis (nine credits)*. Fall, 9 T. Th. S. Laboratory 1:30 and 2:30 T. Th. S. Winter and Spring, Laboratory 1:30 and 2:30 T. W. Th. F. Prerequisite Course 21.

This course deals with the fundamental principles and operations involved in both the gravimetric and volumetric methods of analysis.

24. *Organic Chemistry (nine credits)*.

Fall and Winter 8 T. Th. S.

Laboratory, 1:30 and 2:30 W. and F. Prerequisite, Course 11.

The course considers the principles of Organic Chemistry, dealing with the more important hydrocarbon compounds.

- 41w. *Physical Chemistry (three credits)*. 10:30 M. W. F.  
Prerequisites, Physics 17 and Chemistry 31.

This course deals with such topics as the atomic theory, the periodic law, methods of molecular determination, and electrolytic dissociation.

- 27s. *History of Chemistry (three credits)*. 10:30 M. W. F.  
Prerequisite, Course 11.

A course tracing the rise and development of modern chemistry.

- 42f, w or s. *Electrolytic Analysis (three credits)*. Laboratory 1:30 and 2:30 T. W. Th. F. Prerequisite, Course 31.

- 43f, w or s. *Water Analysis (three credits)*. Laboratory 1:30 and 2:30 T. W. Th. F. Prerequisite, Course 31.

- 44f, w or s. *Proximate Food Analysis (three credits)*. 1:30 and 2:30 T. W. Th. F. Prerequisite, Course 31.

The laboratory fee in each of the foregoing courses, except Course 27, is \$5.00 per term.

Each student, in addition to paying the laboratory fee, is required to purchase a laboratory ticket, good for \$2.50. This ticket must be deposited at the office of the laboratory before assignment to a desk can be made. Any unused part will be redeemed at the end of the term when approved by the Dean and presented to the Treasurer.

## PHYSICS

17. *General Physics (nine credits)*. 10:30 T. Th. S.  
Laboratory 1:30, 2:30 and 3:30 M.

A course in which are presented largely from the experimental standpoint the most important principles involved in the study of mechanics and heat. The instruction is given by means of text-books and lectures, fully illustrated by class-room experiments, and supplemented by recitations and written examinations. Open to those who have had Elementary Physics and Trigonometry.

- 20s. *Spectroscopy (three credits)*. Lab. 8 and 9 T. W. Th. F.  
Prerequisites, Physics 17 and Chemistry 11.

A study of the theory and practice of spectrum analysis, with a comparison of various spectra.

A laboratory fee of \$3.00 is charged for each of the foregoing courses per term.

## DEPARTMENT OF EDUCATION

PROFESSOR BATSON

## TEACHERS' CERTIFICATES

Since Texas Christian University is ranked as one of the institutions of the first class in Texas, we wish to call the attention of teachers and others who wish to prepare themselves for teaching to the opportunity offered by the present certificate law.

All persons completing four full courses in the College of Arts and Sciences and one full course in education and pedagogy are thereby entitled to a first grade State Certificate, valid for a period of four years. Persons completing the course leading to the A. B. degree or any equivalent bachelor's degree or some higher academic degree, including in these courses four full courses in education and pedagogy are entitled to the permanent State Certificate.

The permanent State Certificate may also be received by any person who has taught in Texas for a period of at least three

years and has received an academic degree from Texas Christian University.

### FREE EMPLOYMENT BUREAU

In connection with the Department of Education is conducted a free employment bureau for the benefit of the students of Texas Christian University, and during the past few years we have not been able to supply the demand for teachers.

### SATURDAY SCHOOL FOR TEACHERS

In this department as well as in a number of the other departments arrangements have been made for special Saturday courses for teachers. Regular college credit will be given for this work which will count towards a degree and the obtaining of a certificate. The faculty will be glad to confer at any time with teachers wishing to avail themselves of this opportunity.

1fw. *Educational Psychology (six credits).* 9 M. W. F.

The aim is to apply psychological theory to educational practice. Special emphasis will be placed upon recent experimental work in psychology as it touches the subject of educational procedure. Introductory course.

2s. *Methods of Teaching (three credits).* 9 M. W. F.

This course will be a study of the factors that govern the elementary school subjects; of the methods of learning involved in the various school subjects; of how to gain and hold attention; of how to provide for individual differences; of methods of discipline. The course is intended primarily for those who wish to take positions in elementary schools. Some observation work will be required.

21fw. *History of Education (six credits).* 8 M. W. F.

Ancient, Medieval and Modern Periods. It will be the purpose of this course to show the relation between the social, religious and intellectual changes and the conception of the aim, method, curriculum and organization of educational procedure during the various periods in terms of the

corresponding conditions of society. The work will consist of lectures, assigned readings and discussions.

22s. *Comparative School Systems (three credits)*. 8 M. W. F.

A study of the essential elements of the leading school systems of Europe and America, with special emphasis on those of Germany, France, England and the United States. The purpose will be to compare these systems with one another in order to evaluate them in terms of the ideals of the respective nations. Lectures, assigned readings and discussions.

23fw. *History of Education in United States (six credits)*.

Not offered 1916-17.

4f. *Modern Elementary Education (three credits)*

11:30 T. Th. S.

This course will be an intensive study of the principal movements in modern elementary education. A text-book will be used with source readings from Rousseau, Pestalozzi, Spencer, Herbert, Montessori and Dewey.

5w. *Secondary Education (three credits)*

11:30 T. Th. S.

This is a general course on the problems of the secondary school. The work will consist of assigned readings, reports and discussions. Open to Juniors and Seniors and Graduates.

29s. *Educational Hygiene (three credits)*.

11:30 T. Th. S.

Attention will be given to the administrative aspect of health work in schools; to the environment and curricula in respect to their effect upon the health of the school children and to the movements in the direction of better health conditions. Among the topics considered will be: Health examinations of school children, signs of health and disease in school children, signs of abnormality in children; the school physician; the school nurse; the school clinic; the sanitation of school buildings; school feeding, and physical education.

3fws. *School Administration in United States (three credits).*

10:30 T. Th. S.

This will be a study of the organization of our school systems. Attention will be given to the various units of control, to school laws, to the problem of superintending schools, to boards of education, financing school systems, organization of teaching staffs, to the arrangement of courses of study, material equipment, reports and other items of practical importance. Lectures, assigned readings and reports. Admission only by permission of teacher.

25f. *Psychology of Elementary School Subjects (three credits).*

11:30 M. W. F.

This will be a study of recent research work that has been done in the psychology of reading, arithmetic, spelling, writing and the languages. Prerequisite, Psychology 21f, or Education 1fw.

26w. *Experimental Education (three credits).* 11:30 M. W. F.

A study of recent investigations of educational problems. Special topics: Methods and scales for measuring abilities; grading systems; retardation; elimination; types of learning. This course is designed especially for those who intend to do administrative work in schools. Admission only by permission of teacher.

27s. *Philosophy of Education (three credits).* 11:30 M. W. F.

This course is intended to give a basis for educational thought and practice. The educative process is studied from the biological, psychological and philosophical points of view. A critical study of the curriculum will be made and an attempt made to establish a basis for evaluating the various studies.

Courses in methods for secondary school subjects will be given by professors under whose department the special subjects fall.

## DEPARTMENT OF ENGLISH

PROFESSOR SMITH

MR. CANTRELL

*Composition.*

11. *Rhetoric (nine credits)*. 10:30 M. W. F or T. Th. S.

Along with a comprehensive study of the principles of Rhetoric will go a careful drill in composition. One theme a week will be required. A passing grade in composition is necessary to the completion of the course. Required of all Freshmen. Texas: Young's *Freshman English*, and Wooley's *Handbook*. Mr. Cantrell.

32. *Advanced Composition (three credits)*.

This course is designed for those who intend to specialize in compositional work. From this class will be selected the student assistants in English, who will be given an additional hour's credit for two hours a week of class-room teaching. Open to Juniors, Seniors, and graduates. Class conducted by lectures and practical work.

- 3fw. *Constructive Oratory (two credits)*.

Open to those students who shall compete for the honor of representing the University in the State contest.

*Literature.*

24. *English Prose and Poetry (six credits)*. 9 T. Th.

In this course the representative works of all the leading authors from Beowulf to Stevenson will be studied. This course aims at a first-hand acquaintance with the best in the whole range of English literature. Required of all regular students and a prerequisite to all courses in literature. Text; Newcomer-Andros' *Twelve Centuries of English Poetry and Prose*.

- 35s. *The Nineteenth Century Novel (three credits)*. 8 T. Th. S.

The leading novelists of the nineteenth century will be studied. Students will be required to do extensive reading. Course is conducted in the manner of reports and lectures.

- 36fw. *American Literature (six credits)*. 10:30 M. W. F.

An extensive study is made of the chief American writers. Study of the poets will be based on Page's *Chief American Poets*; the prose writers will be studied by reports and lectures. Near the close of the year a cursory study of the Southern poets and contemporary literature will be made.

- 37fw. *Nineteenth Century Poets (six credits)*. 9 T. Th. S.

The leading poets of the period are carefully studied. Students will be required to prepare papers frequently on assigned subjects. The text will be supplemented by lectures and assigned readings. Text: Ward's *English Poets of the Nineteenth Century*.

- 38ws. *Elizabethan Drama (six credits)*. 10:30 T. Th. S.

This course is designed to give the student a first-hand acquaintance with the drama between Udall and Shirley. The chief stress will, of course, be placed on Shakespeare. Each student will be required to report weekly on an assigned play. A few of Shakespeare's plays will be carefully studied in class.

- 39s. *The Modern Drama (three credits)*. 11:30 T. Th. S.

The class will be required to do extensive reading in the modern drama. The course will be conducted mainly by lectures.

- 41f. *Chaucer (three credits)*. 11:30 M. W. F.

This course is designed to give the student a large literary and linguistic acquaintance with the works of Chaucer. Text: Skeat's *The Works of Chaucer*.

- 42w. *Middle English (three credits)*. 11:30 M. W. F.

In this course the literature of the period will be studied with reference to its literary and structural elements. The student will be brought face to face with literature in the making, and thus become more appreciative of the language and literature of his own day. Text: McLean's *Old and Middle English Reader*.

43s. *Old English (three credits).*

11:30 M. W. F.

This course is mostly technical. The student will translate several Old-English extracts. The stress will be laid on philological changes that look backward to other languages and forward to the English of the present day. Text: Sweet's *Anglo-Saxon Primer*.

Courses 41, 42 and 43 are required of all students making English their major.

## DEPARTMENT OF ENGLISH BIBLE

DR. LOCKHART

PROFESSOR HALL

21f. *The Hebrew Nation (three credits).*

11.30 T. Th. S.

The Pentateuch showing the background of the Hebrews, their separation, the rise of the law, development into national life, to the division of the kingdom. Genesis to I Kings. Professor Hall.

22w. *History and Literature of the Jews (three credits).*

11:30 T. Th. S.

Beginning with the Division of the Kingdom, tracing relations to others, the Captivity and Rebuilding, the Wisdom Literature, the place and writings of the prophets, the political and religious developments between the two Testaments, the background of the life of Christ. Professor Hall.

23s. *The Life and Teaching of Jesus (three credits).*

11:30 T. Th. S.

Rapid outline of his life based on harmony of the Gospels. Study of the principal teaching of Jesus. Professor Hall.

Courses 25 and 26, or 27 in the Department of English Bible in the College of the Bible may be counted toward the A. B. degree instead of 21, 22 and 23 above, and are specially recommended to students registered for ministerial preparation.

31ws. *Messianic Prophecy (six credits)*. 11:30 M. W. F.

A general 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. Each prophecy is considered in the light of the time and the conditions under which it arose and its place in the progress of Messianic development. Professor Lockhart.

This course or the next is required for the A. B. degree.

32fw. *Literature of the Old Testament (six credits)*. 1:30 M. W. F.

Brief survey of the kinds of literature in the Old Testament as compared with other ancient literatures. Close study of many psalms, certain prophetic books and the Book of Job. This course or the preceding is required for the A. B. degree.

33s. *Monuments and the Bible (three credits)*. 1:30 M. W. F.

A study of Assyrian, Babylonian, Egyptian and Palestinian monuments recently discovered and translated with their bearings on the contents of the Bible. Professor Lockhart.

These courses are made a part of the requirements for the A. B. degree on the well-recognized principle that no education is truly broad or complete which does not include a fair acquaintance with the Book of civilization, as well as the Source of Christianity. The Bible is presented from the view-point of a frank faith in its inspired character, but free from any sectarian narrowness.

## DEPARTMENT OF GREEK

PROFESSOR LOCKHART

1fw. *Elementary Greek (ten credits)*. 8 M. T. W. Th. F.

The accomplished student of the Greek language will have (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. To make as large a begin-

ning as possible toward these ends, in the simplest and briefest form consistent with thoroughness, and yet to secure a complete introduction to Attic Greek, is the object of this course.

- 2s. *Greek Composition (three credits)*. 8 M. W. F.  
Translation of English into Greek with review and drills in grammar.
- 12f. *Composition and Reading (three credits)*. 11:30 M. W. F.  
Further selections from the Anabasis, with sight translation daily; prose composition, with a review of the most important principles of Syntax.
- 13w. *Reading Course (three credits)*. 11:30 M. W. F.  
Goodwin and White's Selections from Xenophon and Herodotus, consideration of dialects, word study and Syntax.
- 14s. *Composition and Style (three credits)*. 11:30 M. W. F.  
Plato. The Apology and Crito, with word study, style and form, analysis and discussion.
- 21f. *Homer's Iliad or Odessy (three credits)*. 9 M. W. F.  
Three books are translated. Special attention is given to scansion, mythology, and the manner of life in the Homeric age.
- 22w. *Greek Oratory (three credits)*. 9 M. W. F.  
Demosthenes, On the Crown. Word study, style analysis and discussion.
- 31f. *Greek Tragedy (three credits)*. 11:30 T. Th. S.  
Sophocles, Aeschylus, Euripides, study of the Greek theater, presentation of the drama and of prosody.  
Not offered in 1916-17.
- 32w. *Aristotle (three credits)*. 11:30 T. Th. S.  
Constitution of Athens and Nichomachian Ethics.  
Not offered in 1916-17.

- 33s. *Later Greek (three credits)*. 11:30 T. Th. S.  
Passages from Plutarch and Lucian.  
Not offered in 1916-17.
- 34s. *Modern Greek (three credits)*. 11:30 T. Th. S.  
A comparison of modern forms with the literary language.  
Special attention to the tendencies of modern tongues.
26. *New Testament Greek (nine credits)*. 10:30 M. W. F.  
Selections by different writers with attention to Hellenistic  
forms and Hebraisms. Style of each author noted.  
For other courses, see College of the Bible.

## DEPARTMENT OF HISTORY

PROFESSOR KNIGHT (*On Leave of Absence*)

ASSISTANT PROFESSOR CRAIN

All students in the department are charged a periodical fee of 60c per term. This is used to purchase high-class magazine material (at a reduced rate), which is distributed and used one day in each week, with suitable reference to books in the library to interpret it.

- 11f. *History of Medieval Europe (three credits)*.  
8 or 10:30 T. Th. S.  
Introductory course, designed to bridge the difficult gap between the comparatively unitary ancient period and modern nationalism. Students should take this course first, if possible.
- 12w. *Development of Modern Europe to 1815 (three credits)*.  
8 or 10:33, T. Th. S.
- 13s. *Europe since 1815 (three credits)*. 8 or 10:30 T. Th. S.
- 21f. *England Before the 19th Century (three credits)*.  
10:30 M. W. F.  
A sweeping survey of political and constitutional development, with comprehensive readings on English life. Details of battles or of wars are practically ignored, to lay stress on vital causes and results.

- 22w. *Modern England (three credits)*. 10:30 M. W. F.

Beginning with the Industrial revolution, social and economic consequences are traced to the present time. A survey is made of the rise of trade-unionism, socialism, popular government and education, etc.

- 23s. *The Teaching of History (three credits)*. 10:30 M. W. F.

This course undertakes to supply the elementary knowledge of method, philosophy and "history of history" in school curriculums, without which no one should attempt to teach the subject.

- 24f. *U. S. History—The Colonies (three credits)*. 11:30 M. W. F.

- 25w. *U. S. History—1789-1865 (three credits)*. 11:30 M. W. F.

- 26s. *U. S. History—Since 1865 (three credits)*. 11:30 M. W. F.

- 31f. *The Revolutionary Period in Europe (three credits)*.

11:30 T. Th. S.

A critical study of the period from 1763 to 1815, with special stress upon the French Revolution.

- 32w. *Modern Germany (three credits)*. 11:30 T. Th. S.

- 33s.-39s. *(three credits)*.

This period is left open for the organization of advanced students into a class to study a subject chosen by themselves—with the advice of the teacher. Current History has been presented for the past two years—the events leading up to the European War. Other suggested subjects are: Latin America, China, India, Russia, The Turk, etc. Suitable material must be available for any course chosen.

NOTE.—A formal course in Classic History can be offered if there is a large enough demand. Ordinarily the facts needed beyond those presented in high school courses are assigned as references in the departments where the need arises.

## DEPARTMENT OF LATIN

## PROFESSOR TO BE SELECTED

- 11f. *Ovid (three credits)*. 9 M. W. F.  
Ovid or Virgil's Aeneid, with prosody. Also an introduction to classical mythology. Composition, syntax and sight reading will be stressed throughout the three terms of the year.
- 12w. *Livy (three credits)*. 9 M. W. F.  
Livy, Books XXI-XXII. Introduction to the syntax of the Latin verb, by lecture and recitations.
- 13s. *Tacitus (three credits)*. 9 M. W. F.  
Livy continued or the Germania and Agricola of Tacitus. A critical study of the growth and development of the subjunctive mood.
- 24f. *Cicero (three credits)*. 10:30 T. Th. S.  
Cicero De Senectute or De Amicitia. Composition, syntax and sight reading are continued through the second year, but the literary qualities of the texts used are given more attention than in the preceding terms.
- 25w. *Pliny (three credits)*. 10:30 T. Th. S.  
Selected letters of Cicero or Pliny. Private life of the Romans.
- 26s. *Horace (three credits)*. 10:30 T. Th. S.  
Horace, Odes, Epodes.  
Latin versification.
- 37f. *Roman Satire (three credits)*.  
Horace, Books I-II, or Juvenal. Attention will be given to the origin and development of Satire.
- 33w. *Roman Comedies (three credits)*.  
Selected plays of Plautus and Terence, with their versification.

39s. *Roman Philosophy (three credits).*

Lucretius, *De Rerum Natura*; or Cicero, *De Natura Deorum*. During the terms in 37, 38 and 39, work will also be given in the history of Roman literature, and in advanced composition. Or a training course intended for students preparing to teach secondary Latin.

## DEPARTMENT OF MATHEMATICS

PROFESSOR ALEXANDER

11f. *Solid Geometry (five credits).* 8 or 10:30

Preparation for this course includes a thorough knowledge of Algebra at least through quadratic equations, and a mastery of Plane Geometry. The methods of Plane Geometry are continued, original work is emphasized, a large number of the exercises of the text being solved. Analogies between Solid and Plane Geometry are noticed. Required of all students.

12w. *Plane Trigonometry (five credits).* 8 or 10:30

This course consists of a study of the trigonometric functions and anti-functions, and the derivation of a large number of formulas dealing with their relations; the solution of the right and oblique triangle; and construction of tables. Practical problems of considerable number and variety are solved. Required of all students.

13s. *College Algebra (three credits).* 8 or 10:30 T. Th. S.

This course includes a thorough review of quadratic equations, and deals with advanced chapters on complex numbers, permutations and combinations, probability, theory of equations, determinants, and partial and continued fractions. Required of all students.

14s. *Surveying (three credits).* 1:30 Th.

All ordinary problems of the practical surveyor, including land surveying, differential, profile, and topographic leveling, drainage, etc., are given careful study. A liberal amount of field practice, with a good surveyor's transit, is required.

22f. *Spherical Trigonometry (two credits)*. 1:30 T. Th.

Formulas are derived, and these applied to the solution of right and oblique spherical triangles. Application is made to the celestial sphere, a considerable number of astronomical problems being solved.

21fw. *Plane Analytic Geometry (six credits)*. 11:30 M. W. F.

A discussion of the relation of the equation to the locus; translation of geometric conditions into algebraic terms. Conic sections and other curves are studied by means of both Cartesian and polar co-ordinates. The general equation of the second degree, in two, and three variables, is carefully studied. Prerequisites, Courses 1, 2 and 5.

24s. *Solid Analytic Geometry (three credits)*. 11:30 M. W. F.23w. *Astronomy (three credits)*.

Largely descriptive, intended primarily as a culture course. A good text will be used and the study pursued by means of recitations and lectures. Not offered in 1916-17.

33s. *History of Mathematics (three credits)*.

To fully appreciate any subject, something of its history must be known. This course attempts, in a brief way, to trace the growth and development of the science of Mathematics through the centuries down to the present time, showing that while it is the most exact of all sciences, still it is not the stale, dead thing that it is commonly supposed to be, but is a living, growing science, vitally connected with the progress of modern times. Not offered in 1916-17.

31fw. *Differential Calculus (six credits)*. 9 M. W. F.

No subject gives one a greater appreciation of the logical beauty and vigor, and the practicability of a mathematical course, than does the calculus. In this course a large number of formulas for differentiation are derived and these applied to the solution of a great variety of problems.

32s. *Integral Calculus (three credits)*. 9 M. W. F.

A continuation of Course 31fw. The integral is studied from the two-fold standpoint of anti-differentiation and the

process of summation. After developing standard formulas of integration, a large number and variety of exercises are solved.

41fw. *Theoretical Mechanics* (six credits). 9 T. Th. S.

Open to Seniors or to candidates for the degree of Master of Arts, who have had courses 31fw and 32s.

34w. *Theory of Equations* (three credits). 11:30 T. Th. S.

Prerequisites, Courses 11f, 12w, and 13s.

42s. *Advanced Mathematics* (three credits). 10:30 M. W. F.

The particular subjects treated in this course will be selected according to the needs of the class from year to year. Such topics as Series, Differential Equations, Definite Integrals, etc., will be included.

## DEPARTMENT OF MODERN LANGUAGES

PROFESSOR SARGENT

PROFESSOR TO BE ELECTED

### GERMAN

Afw. *Beginners' German* (six credits). 9 M. W. F.

This course is designed for students having little or no knowledge of German. It consists of instruction in the elements of grammar and about one hundred and fifty pages of reading text.

1s. *Composition and Reading* (three credits). 9 M. W. F.

This is a continuation of German Afw. with greater stress on the acquisition of a good reading knowledge. Prerequisite, German Afw.

23fw. *Sophomore German* (six credits). 11:30 T. Th. S.

Advanced grammar and drill in German conversation by means of reading of current events or topics in daily life. Class reading of about two hundred pages and parallel readings and reports. Prerequisites German Afw. and 1s.

- 29s. *Introduction to the Classics (three credits)*. 11:30 T. Th. S.  
Reading of representative works in the classics and discussion in German of works read.
- 34fw. *Outline of German Literature (six credits)*.  
10:30 M. W. F.  
Literature from the beginning to the sixth period. Reading of selected texts and parallel readings and reports. Prerequisite two numbered courses in German.
- 38s. *German Classics (three credits)*. 10:30 M. W. F.  
The classic period of German literature. Reading of selected texts and parallel readings.
45. *Goethe (three credits)*.  
A critical study of Goethe's life and works with parallel readings, lectures and reports.
46. *Schiller (three credits)*.  
A critical study of Schiller's life and works on the same plane as German 45, with which it alternates.
49. *Nineteenth Century Drama (nine credits)*. 11:30 M. W. F.  
This course aims to acquaint the student with the literary and cultural movements in Germany during the nineteenth century.

## FRENCH

- Afw. *Elementary French (six credits)*. 9 T. Th. S.  
Instruction in the essentials of French grammar and pronunciation. Reading of about a hundred pages of easy texts with conversation based upon the same.
- 1s. *Continuation of French A (three credits)*. 9 T. Th. S.  
More advanced grammar, composition and reading texts of greater difficulty.
- 25fw. *Sophomore French (six credits)*. 10:30 T. Th. S.  
Advanced grammar with special stress laid upon the French subjunctive. Selected readings of representative

texts of French literature and composition. Parallel readings. Prerequisite French A and 1.

27s. *Continuation of French 25 (three credits)*. 10:30 T. Th. S.

Introduction to the French classics. Lectures, parallel readings and reports.

35fw. *Advanced French (six credits)*.

A study of French history, and extracts from French Literature. Parallel readings and reports. Prerequisites, French A. 1, 25, 27.

38s. *History of French Literature (three credits)*.

Reading of literature with discussion of works read.

### SPANISH.

A. *Elementary Spanish (nine credits)*. 9 T. Th. S.

Completion of Hills and Ford's Spanish Grammar, with especial attention to the study of verbs. Practice in easy reading

12. *Second Year Spanish (nine credits)*. 11:30 M. W. F.

A study of a number of short stories with one long novel, and the completion of a composition book.

23. *Nineteenth Century Literature (nine credits)*.

10:30 M. W. F.

The more difficult novels and dramas with parallel reading and the study of Harrison's Spanish Correspondence.

34. *Don Quixote* with lectures on Spanish literature and methods of teaching (*three credits*). 9 M. W. F.

### DEPARTMENT OF PHILOSOPHY

#### PROFESSOR WILSON

21f. *Elementary Psychology (three credits)*. 9 T. Th. S.

Required during the first or second year.

22w. *Elementary Logic (three credits)*. 9 T. Th. S.

Required during the first or second year.

23s. *Elementary Ethics (three credits)*. 9 T. Th. S.  
Required during the first or second year.

34. *History of Philosophy (nine credits)*. 10:30 M. W. F.  
This course is intended to give the student an introduction to philosophical thought, and includes a study of Greek, Medieval and Modern Philosophy. Text with parallel readings from original sources.

35s. *Social Psychology (three credits)*. 11:30 T. Th. S.

37f. *Plato (three credits)*. 11:30 M. W. F.  
Source study, discussions and a thesis.  
Not offered in 1916-17.

38ws. *Philosophy of Religion (four credits)*.

A critical and systematic study of the genesis and development of religion, including such topics as animism, magic and fetishism, with a survey of some of the great religions of the human race, such as those of Babylonia and Assyria, ancient Greece, Scandinavia, and others, with a psychological study of the way religion originated in the human mind, what mental powers it presupposes, what is its nature and relation to the non-religious life. Not offered in 1916-17.

39. *Religious Education (three credits)*. 10:30 T.

Original lectures in child study, noting the growth and development of the mind of the child and its religious features; a study of the Bible in its adaptation to the child mind and character; the methods and principles of story-telling in religious education; a review of the various systems and course of recent years, including a critical survey of the new International graded system; practical observations in local Sunday schools; story-telling in other places.

32f. *Experimental Psychology (two credits)*. 11:30 T. Th.

A first course in experimental psychology, helping the student to perform experiments and observe the actuality and nature of psychic processes, and to note the significance and charm of the mental life.

33fw. *Psychology and Religion (six credits)*. 9 M. W. F.

A study of the psychological phenomena manifested in the religious experiences of the Hebrews, the later Maccabean struggle, the life of Jesus, the early days of Christianity, and modern phenomena, such as trances, mysticism, ecstasy, religious epidemics, revivals, conversion, etc. Lectures and parallel reading.

36fw. *Psychology and Adolescence (four credits)*. 10:30 Th. S.

This course will treat of the growth and development of the body and mind of the child and youth, juvenile faults and crimes, the feelings and instincts and characteristics of normal adolescence, intellectual development and education, the education of adolescent girls, co-education, adolescent races, etc. Lectures with parallel readings in "Adolescence and Youth," 2 vols., by President G. Stanley Hall.

41w. *Kant (two credits)*. 8 W. F.

The study of Kant as a philosophic system and its relation to previous and subsequent thought.

42s. *Recent Philosophy (two credits)*. 8 T. Th. S.

An examination of the present tendencies in philosophy.

## DEPARTMENT OF POLITICAL AND ECONOMIC SCIENCES

PROFESSOR COCKRELL

*Special Lectures* upon "The Jury System," "Texas and Federal Judiciary," "City Departments and Courts," and "Trusts and Monopolies," will be given during the year by the leading attorneys of Fort Worth.

*The Design* of the courses offered in this department is to lead students to an understanding of the principles underlying state and city governments, and to give a knowledge of social and economic principles.

### *Political Science.*

33ws. *Constitutional Law (four credits)*. 11:30 T. Th. S.

Text: McLain's Cases. Not offered in 1916-17.

14f. *State and National Government (four credits)*.

9 M. T. W. Th.

Text: New American, Gov. Young.

- 15w. *Government of England.* 9 M. T. W. Th.  
Text: Lowell's "Government of England." 2 volumes.
- 25s. *Comparative Constitutional Law (four credits).* 9 M. T. W. Th.  
Text: Burgess, two volumes, and assigned work.
- 17w. *Political Science (three credits).* 10:30 T. Th. S.  
Text: Introduction to Political Science, Gettell.
- 38s. *International Law (three credits).* 10:30 M. W. F.  
Text: Lawrence.
- 39f. *American Diplomacy (three credits).*  
Text: Fish.

#### *Economics.*

The general principles of Economics as found in the development of the concepts, Land, Capital and Labor; Rent, Interest and Wage; Money, Credit, Banking and Taxation; also many of the questions in "National Economics" are studied in course 21.

21. *Economics (nine credits).* 11:30 T. Th. S.  
Text: Taussig's, two volumes, and lectures.
- 42w. *History of Economic Thought (three credits).* 10:30 T. Th. S.  
Text: Haney's "History of Economic Thought."
- 44s. *Rural Economics (two credits).*
- 45f. *Trusts.*  
Text: "Business Organization and Combination," by Haney. Not offered in 1916-17.

#### SOCIOLOGY

- 24f. *Sociology (three credits).* 11:30 M. W. F.  
Text: Giddings.
- 35w. *City Problems, Social and Economic (three credits).* 11:30 T. Th. S.  
Text: Chapters from Beard. Lectures. Assigned work.
- 26s. *City Government (three credits).* 11:30 T. Th. S.  
Text: "The Government of American Cities," Monroe.  
Not offered in 1916-17.

## DEPARTMENT OF LAW

## FACULTY

EGBERT R. COCKRELL, A. M., LL. M.,  
*Head of Department.*

JUDGE MARVIN H. BROWN, A. B., LL. B.,

MILTON E. DANIEL, A. B., LL. B.

GEORGE M. CONNER, LL. B.

R. E. ROUER, LL. B.

## SPECIAL LECTURERS

JUDGE R. H. BUCK,  
*Court of Appeals, Second Judicial District.*

JUDGE MARVIN H. BROWN,  
*Attorney-at-Law, Fort Worth.*

JUDGE OCIE SPEER,  
*Attorney-at-Law, Fort Worth.*

JUDGE F. O. MCKINSEY,  
*Forty-Third District Court, Parker County.*

R. H. ROWLAND,  
*Attorney Rock Island Railway, Fort Worth.*

JUDGE S. C. PADDLEFORD,  
*Attorney-at-Law, Cleburne.*

## INTRODUCTORY STATEMENT

There is in North Texas a growing demand for regular college instructions in legal subjects. It is the purpose of this department to meet that demand by offering a two years' course in legal professional training. This department will prepare students for admittance to the bar and also meet the requirements of those who desire to take special courses in law as an assistance in their business career. No degree in law is offered.

## TERMS OF ADMISSION.

Students of regular Freshman standing or above and who are regularly pursuing the prescribed courses in law are considered "Regular Law Students. In special cases, those who have not completed work to the Freshman year of the college, but who are over twenty-one may be admitted as students and shall be known as "Special Law Students." Law Students are subject to all the laws and regulations controlling the students of the College of Arts and Sciences.

"Regular Law Students" will be granted credit in the College of Liberal Arts for all Political Science and Economic courses taken in this Department.

## TUTION AND FEES.

Tuition for the regular law course is Thirty-five Dollars for the Fall Term and Thirty Dollars each for the Winter and Spring Terms. If a student selects special classes from the Law Department, fees will be charged according to the following schedule. Viz:

Elementary Common Law .....	\$14.00
American Elementary Law.....	14.00
Constitutional Law .....	10.00
The Law of Contracts.....	14.00
The Law of Torts.....	14.00
Criminal Law .....	7.00
Pleading .....	14.00
Domestic Relations .....	7.00

Bailments and Carriers.....	7.00
Equity .....	21.00
Criminal Procedure .....	7.00
Agency .....	14.00
Practice .....	14.00
Partnership .....	14.00
Evidence .....	14.00
Real Property .....	14.00
Commercial Paper .....	7.00

No special "fee" is charged the regular college students for the Governmental and Public Law and Economic courses.

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## COURSES OF INSTRUCTION

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### JUNIOR CLASS

#### Fall Term.

*Elementary Common Law*: 4 hours and 1 quiz a week.

Blackstone's *Commentaries*, Books 1-3. Professor Daniel

*American Elementary Law*: 5 hours a week.

Townes's *American Elementary Law*, 2nd ed.

Professor Cockrell

*Contracts A*: 2 hours a week. Not given in 1916-17.

Text to be selected.

Professor Conner

*Civil Government, United States*: 4 hours a week.

Bryce's *American Commonwealth*.

Professor Cockrell

*Commercial Paper*: 3 hours a week.

Quiz alternate weeks.

Professor Daniel

#### Winter Term.

*Torts A*: 6 hours and 1 quiz a week.

Townes on *Torts*, and cases.

Professor Daniel

- Criminal Law*: 3 hours a week and 1 quiz every other week.  
*Penal Code*, lectures, and cases. To be supplied
- Contracts B*: 2 hours a week. Not given in 1916-17.  
 Text to be selected. Professor Conner
- Pleadings A*: 2 hours a week.  
 Townes's *Second Pleading*, 2nd-3rd, Statutes, cases and  
 outlines. To be supplied
- American Elementary Law*: 2 hours a week.  
 Text: Towne. Professor Cockrell
- Civil Government, England*: 4 hours a week.  
 Lovell's *Government of England*. Professor Cockrell

## Spring Term.

- Bailments and Carriers*: 3 hours a week.  
 Text: Schouler. Professor Cockrell
- Domestic Relations*: 3 hours a week and 1 quiz every other week.  
 Text: Speer on *Domestic Relations*, 3rd ed. Professor Daniel
- Pleadings B*: 2 hours a week.  
 Townes's *Texas Pleading*, 2nd ed.; *Statutes*, cases and  
 outlines. Judge Brown
- Torts B*: 3 hours a week and 1 quiz every other week.  
 Townes on *Torts*, and cases. Professor Daniel
- Contracts*: 2 hours a week. Professor Conner  
 Not offered in 1916-17.
- Political Science and Constitutional Law*: 4 hours a week.  
 Burgess, 2 volumes. Professor Cockrell
- Criminal Procedure*: 3 hours a week, and quiz every other  
 week. Professor Daniel

## SENIOR CLASS

## Fall Term.

- Constitutional Law*: 2 hours a week.  
 Text to be selected. Also *McLain's Cases*. Professor Cockrell  
 Not offered in 1916-17.

*Evidence*: 28 hours a week.

*McKelvey on Evidence*, and cases. Professor Conner

*Equity*: 2 hours a week.

Professor Rouer

*Agency*: 6 hours and 1 quiz a week.

*Wambaugh's Cases on Agency*. Professor Daniel

*Economics*: 3 hours a week.

Professor Cockrell

#### Winter Term

*Partnership*: 4 hours a week and 1 quiz every other week.

*Burdick's Cases on Partnership*. Professor Daniel

*Constitutional Law*: 2 hours a week.

Text to be selected and *McLain's Cases*. Professor Cockrell

Not offered in 1916-17.

*Commercial Paper*: 3 hours and 1 quiz a week.

*Huffcut's Negotiable Instruments*. Professor Daniel

*Damages*: 3 hours and 1 quiz a week.

*Sedgwick's Elements of the Law of Damages*, 2nd ed.;

*Beale's Cases on Damages*, 2nd ed. Professor Conner

Not offered in 1916-17.

*Evidence*: 2 hours a week.

*McKelvey on Evidence*, and cases. Professor Conner

*Economics*: 3 hours a week.

Professor Cockrell

*Equity*: 2 hours a week.

Professor Rouer

#### Spring Term

*Real Property*: 6 hours a week.

To be supplied

*Equity*: 2 hours a week.

Text to be supplied.

Professor Rouer

*International Law*: 3 hours a week and 1 quiz every other week.

Text: *Lawrence*.

Professor Cockrell

*Economics*: 3 hours a week.

Professor Cockrell

Practice Court, 1 hour a week.

*Practice*: 3 hours a week.

Professor Conner

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**THE BRITE COLLEGE**  
**OF**  
**The Bible**

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## BOARD OF TRUSTEES

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## FACULTY

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**CLINTON LOCKHART, A. M., Ph. D., LL. D.,**  
*Professor of Greek and Hebrew.*

**COLBY D. HALL, A. M.,**  
*Dean and Professor of English Bible.*

**CHALMERS McPHERSON,**  
*Professor of New Testament Christianity.*

**E. C. WILSON, Ph. D.,**  
*Professor of Religious Education.*

(Professor of the College of Arts and Sciences offering work in  
the College of the Bible).

## 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 in fact one of the constituent colleges of the University.

This college enjoys all the advantages of the location of the University in Fort Worth with its accessibility, its ideal healthfulness, and its school and church atmospheres. An especial advantage to the Bible College lies in the fact that Fort Worth has two of the largest and most completely organized churches among the Disciples, affording a place for practical observation and training for ministerial students.

The College of Arts and Sciences affords a thorough standardized college training, which is an essential part of the course outlined for ministerial students of this College. At the same time the college of the Bible affords the Bible training required to bring an A. B. degree up to the standards of Christian education.

The buildings and equipment of this College, as well as other items of general information, are described in the first part of this Catalogue, along with those of the University as a whole.

## INSTRUCTION TO PROSPECTIVE STUDENTS.

The prospective student of this College should write, addressing, "The Brite College of the Bible, Ft. Worth, Texas," stating his circumstances and purpose. Any questions regarding the College or studies will be welcomed.

June or September is the right time to enter. While it is possible to enter in January or March, a student is at a disadvantage in selecting classes at those times. It is better as a rule to wait, using the time in laying aside money to pay expenses.

On arriving in Fort Worth, take a street car, asking for transfer to T. C. U. line, which passes the campus. Report at the office in Brite Building, or at Goode Hall.

## STANDARDS REQUIRED OF STUDENTS

Students in this college are expected to have such a voluntary interest not only in Christian living, but in church activity as is harmonious with the purposes of the institution. Failure to show such an interest, and disregard of admonition from the faculty, will be sufficient ground for withdrawing the privileges of the College from any student at any time. Likewise, failure to show earnest application to work, as evidenced by class attendance, grades, chapel attendance, work in the Ministerial Association and such general duties, will also be sufficient grounds for withdrawing the privileges of this College, even though it may not involve suspension from the University.

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.

## COURSES OF INSTRUCTION

The primary purpose of the College of the Bible is to train men who will devote their lives to the preaching of the gospel, as a vocation. Courses are also arranged for those who wish to prepare for other forms of Christian service.

The basis of all the courses is an extensive study of the Bible itself; first of all, in the language in which the student does his thinking, English; then in the original tongues. After that comes a study of Christianity in history, then a study of the conditions peculiar to our own times and the art of applying Bible truths to the practical problems of our day. It is believed that this preparation, backed up by the cultural course of the College of Arts and Sciences will send men out who can meet the demands of practical and effective leadership in the churches.

Four courses are offered, as follows:

### I. THE CLASSICAL COURSE

With the exception of the unusual cases described under the "English" Course below, all candidates for the ministry are expected to follow this classical Course to completion, for which they will receive the degree of Bachelor of Divinity.

## ENTRANCE REQUIREMENTS

To matriculate for this course, the student must present fourteen units of approved High School work; or he may be admitted conditionally with twelve. These may be approved either by certificate of an Affiliated High School, or by the regular College Entrance examinations. Students who are lacking in these units may make them up in the Academy of the University.

A student twenty-one years of age, at the discretion of the Dean, may be admitted on individual approval. For full details see the entrance requirements for the College of Arts and Sciences in this Catalogue.

## REQUIREMENTS FOR COMPLETION AND GRADUATION

1. The Degree of Bachelor of Arts.
2. One hundred and thirty-five credits of work in the College of the Bible, including credits accepted from other schools of like character.
3. The 135 credits must include the 123 credits specified below in column 3 of the Tabulated courses. This leaves 12 elective, or if Hebrew is counted on the A. B., it leaves 33 elective.
4. Thirty-six Bible College credits are allowed to count on the A. B., and to recount on the B. D. degree. This enables the student to complete both courses in six years.
5. If Hebrew is used to satisfy a "foreign language" or a "minor" requirement toward the A. B., it is considered a College of Arts subject, and may be taken in addition to the 36 recounted; in this case it does not count in the B. D., but will satisfy the requirement for Hebrew.

## II. THE MISSIONARY COURSE

The missionary must have a preparation as full as the minister, and the requirements vary but little. This College does not undertake to offer the technical courses in the science of Foreign Missions, and native languages (except French, German, Spanish) but expects its students to spend a year at the College

of Missions, Indianapolis (or other approved school), before going to the field. For this reason, a course is arranged one year shorter than the B. D. course. It includes the A. B. degree and two years of Bible College work. By recounting the 36 credits as allowed, it can be completed one year after the A. B. degree. Those who complete the requirements will receive a diploma signifying the fact.

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

In selecting his studies for the A. B. degree, the student should have in mind the language of the country to which he will probably go. It is recommended that Greek also be elected.

### III. THE ENGLISH COURSE

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

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

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

#### ENTRANCE REQUIREMENTS

It is strongly urged that a High School course be completed before beginning this course, but only 7 units will be required. These must include: English 3, History 2.

#### REQUIRED TO COMPLETE

Of work in the College of Arts and Sciences, first year, English 11 (9 credits); Second year English 24 (6 credits); and

any College History (9 credits); Third year Philosophy 21, 22, 23 (9 credits); and Sociology (3 credits); total of 36 credits.

Of work in the College of the Bible, 81 credits as specified in the tabulated list below, column 5.

#### IV. THE CHURCH WORKERS' COURSE

Many persons desire to fit themselves for more efficient service in the volunteer work of the local church, and have but limited time for preparation. If such persons can spend one year in the College, it will be an inestimable help to the work, and a great delight to the worker.

For these workers a one year's course is arranged. The subjects are specified in the tabulated list below, column 6. It consists of 51 credits. A certificate will be issued to those who complete it.

#### V. VISITORS

Others than the above, who are mature, by paying the Visitor's fee may enroll as Visitors, securing the privilege of attendance upon classes, without examination, or credit, and without any privilege in the other Colleges of the University.

#### STUDENTS OF ACADEMY GRADE

The University maintains an Academy for the accommodation of students who must complete some of the entrance units for admission to College standing. Ministerial students who can not present as many as 12 units may, by paying the regular tuition, enroll in the Academy and complete there.

A limited number of Academy tuition credits is provided, covering the cost of this tuition. These will be granted only in exceptional cases, such as mature men who have proved their worth and ability by some success in preaching. Young students are expected to prove their fitness and determination by getting past the Academy grade before receiving aid.

Any student in doubt as to his entrance units should write to the College, stating his case, and asking for information.

#### ORDER OF TAKING THE CLASSES

This College departs from the plan of requiring the A. B. degree before beginning the Bible work, for two reasons. A stu-

dent will have a better foundation of faith, and a comprehension of God's word, if the fundamentals of Christianity are builded into his thinking along with his development in science and literature. Second, he will get to preaching earlier, and will learn to preach by preaching, and retain better his evangelistic zeal. At the same time the College will guard against allowing work that requires trained thinking to be taken by unprepared students. For this reason, no work will be credited toward the B. D. degree if taken before the student has 12 units; only 9 credits taken while in the Freshman year, and 18 in the Sophomore will be allowed to count on the B. D. These must be selected from the courses numbered less than 30.

### TABULATED LIST OF COURSES

For convenience, the list of courses offered in this College are here set down, with abbreviated titles. These explanations will make the list clear.

1. Column one indicates the rank of the course. All courses marked between 11 and 19 are first year courses; in the 20's are second year, in the 30's are third year, and the 40's are fourth year. The 50's are electives.

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

3. Column 3 lists the studies required for the B. D. Course; Column 4 for the Missionary, Column 5 for the English Course, and Column 6 for the Church Workers' Course.

### THE BIBLE

#### In English

#### *History and Literature*

Col. 1. Number.	Col. 2. Name.	Col. 3. B. D.	Col. 4. Mission.	Col. 5. English.	Col. 6. Workers.
11	O. T. History.....	9	9	9	9
21	O. T. Proph.....	6	6	6	6
51	O. T. Lit. (6).....				

Col. 1. Number.	Col. 2. Name.	Col. 3. B. D.	Col. 4. Mission.	Col. 5. English.	Col. 6. Workers.
50	Monuments (3)....				
22	N. T. Times.....	3	3	3	
31	Gospels .....	9	9	9	9
12	Acts .....	6	6	6	6

*Exegesis and Doctrine*

14	Hermeneutics .....	3	3	3	3
15	Epistles .....	6	6	6	6
23	Teaching N. T.....	9	9	9	
51	Chris. Doctr. (6)..				

*Criticism*

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

**In Hebrew and Greek**

39	Hebrew I .....	12			
49	Hebrew II .....	9			
59	Hebrew Adv. (9)				
38	N. T. Greek.....	9			
48	Greek Exeg. ....	9			
58	Exeg. Adv. (6)....				

**THE CHURCH****History**

13	Apostolic Hist. ....	3	3	3	3
32	Medieval .....	3	3	3	
33	Reformation .....	3	3	3	
34	Restoration .....	3	3	3	
43	Missions: Hist. ....			3	

**CHRISTIANITY****In Practice**

35	Homiletics .....	3	3	3	
24	Pastoral .....	3	3		
25	Rel. Educ. I.....	3	3	3	3
36	Sociology I .....	3	3	3	3

Col. 1. Number.	Col. 2. Name.	Col. 3. B. D.	Col. 4. Mission.	Col. 5. Englsh.	Col. 6. Workers.
53	Sociology II (3)..				
37	Missions: Prob. ..	3	3	3	3
16	Speaking I .....	3	3	3	
54	Speaking II (3)..				
55	Phil. Rel. I (2)....				
56	Phil. Rel. II (2)..				
57	Psych. Rel. I (4)..				
58	Psych, Rel. II (2)				
Total .....		123	81	81	51
Electives .....		* 12		18	
Arts College .....				36	
		135		135	51

## COURSES OF INSTRUCTION (In Detail)

### DEPARTMENT I. *The Bible: In English*

11. *Old Testament History (nine credits).* 9 T. Th. S.

A thorough study of the text of the Bible, American standard version, down to Exile. The course in Messianic Prophecy covers the remaining portion of the Old Testament. Mr. Hall.

Offered in 1917-18 and alternate years.

- 21ws. *Old Testament (Messianic) Prophecy (six credits).*

- 51fw. *Literature of the Old Testament (six credits).*

1:30 M. W. F.

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

- 50s. *Monuments and the Bible (three credits).* 1:30 M. W. F.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments as recently discovered and translated, with their bearings on the Bible. Dr. Lockhart.

- 22s. *New Testament Times (three credits).* 1:30 M. W. F.

This covers the history between the Testaments, following the Jewish nation to A. D. 70 presenting the times and

conditions of the Jewish life as a basis for the study of the Life of Christ. Mr. Hall.

Offered in 1916-17 and alternate years.

31. *The Gospels (nine credits)*. 10:30 T. Th. S.

The facts of the Gospels, Jesus in the light of his own day, and his teachings for his own and the present times. A Harmony of the Gospel, lectures, assigned readings. Offered in 1916-17 and alternate years. Mr. Hall.

- 11fw. *Acts of Apostles (six credits)*. 10:30 T. W. Th. F.

A careful study of the book of "Acts of the Apostles" with the origin of the Christian Church; including the historical connection of the Epistles. Mr. McPherson.

- 21f. *Hermeneutics (three credits)*. 11:30 T. Th. S.

The fundamental principles of interpretation, with practice in the use of Scripture passages; using as a text Lockhart's "Principles of Interpretation." Mr. McPherson.

- 22ws. *Exegesis of Epistles (six credits)*. 11:30 T. Th. S.

The great Epistles of the New Testament will be studied on the basis of the principles of interpretation. Different epistles will be chosen, in different years. Mr. McPherson.

31. *Teaching and Practice of the New Testament Church (nine credits)*. Mr. McPherson. 1:30 M. W. F.

Based directly on the Bible text itself, it presents the fundamental teachings and practices of the primitive church, including such topics as: The Covenants; the Divinity of Jesus; the Creed of Christianity; the Church, Its Authority and Mission; the Kingdom; Christian Faith; Repentance; the Confession of the Christ; Christian Baptism; Prayer; the Lord's Supper; the Lord's Day; the Holy Spirit; Christian Unity; the Resurrection; the Judgment and Eternal Life.

51. *Christian Doctrine (six credits)*. T. Th.

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. Prerequisite course 31. Dr. Lockhart.

42. *New Testament Introduction (three credits)*. Dr. Lockhart

A brief course including a history of the Greek text and canon of the New Testament including the integrity and genuineness of the books.

52w. *Old Testament Introduction (three credits)*. Dr. Lockhart

A course similar to 42.

1. *Bible Lecture Course*. 3:30 T. W. (or as assigned)

This course is open to all. No lessons will be assigned, and examinations to those only who desire them. The lectures will cover such subjects as The Life and Teachings of Jesus Christ, portions of "Acts of the Apostles," select teachings from the Epistles. Mr. McPherson.

DEPARTMENT II. *The Bible In Hebrew and Greek.*39. *Hebrew I. Beginning Hebrew (twelve credits)*.

A thorough mastery of the first eight chapters of Genesis by the inductive method, using Harper's text-books. Reading from later chapters of Genesis and I. Samuel. A thorough study of the grammatical elements with the vocabulary of the most frequent words in the Old Testament.

Offered in 1916-17 and alternate years. Dr. Lockhart.

49. *Hebrew II. Readings and Syntax (nine credits)*.

Extensive readings in the historic and poetic books of the Old Testament, with a thorough study of Harper's Hebrew Syntax. This will include one term of careful exegetical study of the Hebrew text. Dr. Lockhart.

Offered in 1917-18 and alternate years.

59. *Hebrew III. Exegesis in the Prophets (six credits)*.

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with attention to the textual criticisms of the passages selected. Dr. Lockhart.

38. *New Testament Greek (nine credits)*. Dr. Lockhart

A course preliminary to Greek Exegesis, including linguistic peculiarities, New Testament grammar and syntax, with readings from the Septuagint and various parts of the Greek New Testament. Westcott and

Hort's Greek Testament, Coynbeare and Stock's selections from LXX. and Burton's Moods and Tenses, with reference to Buttman and Winer. This course must be preceded by two years of work in Classical Greek.

Offered in 1916-17 and alternate years.

48. *Greek Exegesis (nine credits)*. Dr. Lockhart  
 Rapid translation and interpretation of Paul's Epistles, followed by a special study in Romans, analysis, word study, translation, and moods. Must be preceded by the course above named. Offered in 1917-18 and alternate years.
58. *Hellenistic Greek (nine credits)*. Dr. Lockhart  
 Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other sources which belong to the Hellenic age of Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand.

DEPARTMENT III. *The Church: In History.*

- 12s. *Later Apostolic History (three credits)*. 10:30 T. W. Th. F.  
 Continuing course 12, covering the history of the early church, with all the Apostolic labors, until the close of the first century. Mr. McPherson.
- 32f. *Church History: Ancient and Medieval Periods (three credits)*. 2:30 Mr. McPherson
- 33w. *Church History: Reformation Period (three credits)*.  
 Mr. McPherson
- 34s. *The Restoration Movement (three credits)*. Mr. McPherson  
 A thorough study of the movement of the Nineteenth Century for the Restoration of primitive Christianity.
43. *The History of Missions (three credits)*. Mr. Hall  
 Tracing the expansion of the church from the earliest times; but giving more attention to the expansion in the last Century, as a basis for the study of the problems and detailed fields of modern missions.

DEPARTMENT IV. *Christianity in Practice.*

42. *Homiletics, and Sermon Building (three credits)*. 2:30 T.  
 The principles of sermon construction will be studied with the use of text-book and lectures, and sermons will

be prepared and discussed in class. Mr. McPherson.

PASTORAL WORK.

32. *The Christian Minister at Work (three credits)*. 1:30 T.  
This includes instruction in such practical matters as the administration of the ordinances of Baptism; presiding at the Lord's Table; Ordinations; Dedications; Marriages; Funerals; the preacher in the home, on the street, in his study, the Bible School, Prayer-meeting, etc. Mr. McPherson.
25. *Religious Education (three credits)*. Dr. Wilson
- 24f. *Sociology (three credits)*. 11:30 T. Th. S.  
This is a course in the College of Arts and Sciences, offered by Professor Cockrell. It is strongly urged, but not required, that students take it before the Course 36 below.
36. *Christian Sociology I. (three credits)*. Mr. Hall  
Beginning with the social principles taught in the New Testament, a study is made of the efforts to apply these to modern conditions. The aim is to prepare the minister to become a leader in his community in applying the gospel practically to all needs.
53. *Christian Sociology II. (three credits)*. Mr. Hall  
A continuation of 36, applying the principles to special problems, as the City Church, the Country Church, etc.
37. *The Problem of Missions (three credits)*. Mr. Hall  
A survey of the present fields, and the conditions that call for the missionary work. The purpose is to acquaint the pastor with the general knowledge of the field necessary to lead his people intelligently in missionary information and support.
16. *Pulpit Speaking I. (three credits)*. Mr. Hall  
This course is elementary, designed to meet the practical needs of the beginning preacher, and not to take the place of a thorough course in Expression. It aims to teach how to use and develop the voice, to correct errors in speech, awkwardness, mannerisms, etc.
53. *Pulpit Speaking II. (three credits)*. Mr. Hall  
Continuing the previous course, it aims to develop the power of expression and the art of pulpit reading.

## MISCELLANEOUS INFORMATION

### LECTURES AND CONFERENCES

In addition to the regular courses 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 new Library of the Brite College of the Bible, on the main floor of the new Brite Hall. Besides books purchased by the school, the library contains collections of the following deceased ministers in Texas, given by their widows: J. J. Cramer, W. A. Boggess, G. A. Lewellyn. A donation by Dr. Bacon Saunders of Fort Worth is also added.

### 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 Faculty, or to be reported to them for approval.

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.

### AID TO STUDENTS

The chief aid the school can offer is in the very low cost of living, and fees. This has been reduced so that any active student can earn almost all the amount while in school. Every effort is made to secure employment for those who are not ready to preach. The habit of "paying as you go" is thoroughly encouraged. A student who wishes to work his way should have \$75.00 or \$100.00 before coming, if possible.

### THE McFADIN MINISTERIAL LOAN FUND

Through the generous efforts of Mr. D. G. McFadin of Austin, donations have been secured, from himself and others, to estab-

lish a loan fund for the aid of regular students in the Brite College of the Bible. A corporation has been chartered, and the fund has been working for a year.

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. Students are urged to exhaust every possible means of making the necessary money, before resorting to borrowing from the Fund; and usually it should be used only in the latter part of one's course. Application blanks, setting forth fully the conditions on which loans will be granted, may be had by any one making request at the office of the College.

the Fund; and unusually it should be used only in the latter part

Rewards for highest grades have been offered in several classes taught by Mr. McPherson. These are from Mr. and Mrs. S. N. Strange, Temple; Mr. and Mrs. S. M. Dunlap, Italy; Mrs. C. Q. Getzendaner, Waxahachie; Mr. Thomas S. Reed, Sr., Beaumont; Hon. Millard Patterson, El Paso.

### THE POLICY AS TO FREE TUITION

Tuition for all 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 this obligation, to its supporters, and to the genuine students, the University will hereafter grant free tuition in the College of the Arts only on the plan of "Tuition Credits," as explained below.

### TUITION CREDITS

1. A new student may apply for a Tuition Credit amounting to half the tuition in the College of Arts, i. e., \$37.50.

2. After a term's residence, a student may apply for a Tuition Credit amounting to the full tuition, i. e., \$75.00, for the year.

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 as a vocation; (3) enroll for a regular course in the College of the Bible and follow it as outlined, with sincere purpose of completing.

4. In order to receive a tuition credit at the beginning of a new term the student's previous record must show creditable grades, faithful application, and worthy attendance upon the exercises to which he is due; as well as a voluntary Christian activity.

5. In accepting a Tuition Credit, the student obligates himself to perform for the University, when called upon, clerical or other services of which he is capable, to the extent of five hours per week.

6. The credit will cover tuition only in those branches which are a part of the work toward Bible College graduation.

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

8. In exceptional cases, such as mature men who have proved their worth and ability by success in preaching, tuition credit covering the Academy tuition may be granted.

#### SUMMARY OF EXPENSES

Tuition: Regular Course (which includes Arts-College subjects).	Fall	Winter	Spring
Without Tuition Credit.....	\$30.00	\$22.50	\$22.50
With Half Tuition Credit.....	15.00	11.25	11.25
Matriculation Fee .....	10.00	6.00	6.00
With Full Tuition Credit .....	None	None	None
Tuition: In Bible College only.....	None	None	None
Visitor's Fee:			
For one class.....	5.00	3.00	3.00
For two classes .....	9.00	5.00	5.00
For three or more.....	11.00	7.00	7.00
Fee for Diploma.....			10.00

	Fall	Winter	Spring
Fee for Certificate.....			5.00
Room Rent, Goode Hall (cash in advance) per term, two in a room, each	\$14.00	\$10.50	\$10.50
Same, one in room.....	18.00	13.50	13.50
Paid by the month, two in room, each..	16.00	12.00	12.00
Paid by the month, one in room.....	20.00	16.00	16.00
Board in Goode Hall Boarding Club.			

This is managed on a club basis by an organization of the students, and each member is assessed, at cost. This is payable to the Treasurer of the Club, weekly, in advance. For two years expenses have averaged \$2.75 per week or less.

### EXPLANATIONS

Matriculation Fee entitles the student to use of the Libraries, privilege of all Oratorical and Athletic organizations and contests, including admission to the programs and games of Oratory and Athletics, in the University.

The College cannot agree to carry the bills for room rent beyond the month due. Right is reserved to recall or increase the rate for "one in a room" whenever all rooms are occupied.

### TO ESTIMATE THE TOTAL COST FOR ONE SCHOOL YEAR

Matriculation .....	\$ 22.00
Room rent, term rate.....	35.00
Board .....	110.00

Total.....\$157.00

Add for tuition \$30.00 for the first term of a new student.

For any further information, address

*The Dean, Brite College of the Bible,  
Fort Worth, Texas.*

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**THE COLLEGE**  
**OF**  
**Fine Arts**

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**FACULTY**

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**FREDERICK CAHOON,***Director of College of Fine Arts, Violin.*-----  
(To be elected)*Associate Director, Piano and Harmony.***ALINE W. WILSON,***Pianoforte.***ANNE McLENDON,***Pianoforte.***HELEN FOUTS CAHOON,***Voice Culture.***THOMAS H. HAMILTON,***Voice and Pianoforte.***DURA BROKAW COCKRELL,***Principal School of Painting.***TESSE FERNE MOSEY,***Assistant in Oratory.***LEILA POWELL,***Principal School of Oratory.***CECIL CRAIGER,***Assistant in Painting and Drawing.*

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## ORGANIZATION

The College of Fine Arts is composed of the Conservatory of Music, the School of Oratory and the School of Painting and Drawing. It is esteemed no less important to provide an art atmosphere and to impart a culture in the arts than to give instruction in literature and science. The aim should be a real and earnest education rather than a mere commercial venture. This College is not a private institution run for financial gain, but a philanthropic effort to inspire and direct genius to noble endeavor, and so to make a genuine contribution to the happiness of mankind. With such a purpose, the University seeks to provide the best possible equipment and the most competent teachers available at the least possible cost to the student.

## BUILDINGS AND EQUIPMENT

The new buildings of the University provide ample and convenient rooms for every department of the College. Likewise, new equipment is now purchased. Every piano comes directly from the factory of Wm. Knabe & Co., to the studios. New models have been supplied for the drawing tables, and spacious rooms facilitate public speaking. Every reasonable encouragement to successful training in these branches is afforded.

## CONSERVATORY

The faculty is one of superior training. Each member has enjoyed the best of opportunities for music study in the leading conservatories and with the foremost private teachers in this country and Europe.

## PIANOFORTE

As an element in musical progress and study, the piano cannot well be dispensed with, and even musicians who do not choose it as their instrument usually find it necessary to have some acquaintance with it.

No specific time can be set for the completion of any course in the music department—progress depending on the pupil's natural ability and amount of practice. When the prescribed course has been mastered, however, the necessary credential will be issued,

irrespective of the length of time it has taken to merit same, provided the literary requirements to Freshman standing have been covered.

A general outline of the plan of study is given, but studies will be selected to suit the needs of the individual student rather than adhering to a "cut and dried" system.

#### *Preparatory and Intermediate Course*

Including a thorough foundation in Technic—Studies and Sonatinis selected from Czerny, Loeschhorn, Bertini, Kulau, Clementi, Koehler, Foote and others; also easier pieces by classical and modern composers.

#### *Teachers' Certificate Course*

Continues the study of Technic in all its forms. Inventions and English suites of Bach, etudes and studies by Czerny, Berens, Cramer, Heller, Kullak, Technical studies of Hanon Joseffy and others. Sonatas and pieces by Scarlatti, Beethoven, Mozart, Haydn, Schubert, Van Weber, Mendelssohn, as well as compositions by modern writers.

#### *The Artist Course*

Includes the "Gradus ad Parnassum" Clementi, the well-tempered clavichord of Bach, studies of Moscheles, Joseffy, Chopin, Liszt and Moszkowski, etc.; the greater sonatas, concertos and compositions by Beethoven, Schumann, Mendelssohn, Chopin, Liszt, Brahms, Saint-Saens, etc.

#### *Requirements for Graduation*

Students completing the Teacher's Certificate Course are required to pass creditably a preliminary examination before the Faculty of Music, the examination consisting of scales, technical studies, a two or three-part invention of Bach, and two movements of a sonata. They will be expected to play by memory as many as six pieces.

Candidates for the Artist Diploma are required to give a complete piano recital consisting in part of a sonata concerto and selections by classical and romantic composers.

## THEORETICAL REQUIREMENTS FOR GRADUATION

Each candidate for graduation in voice, violin or piano is required to cover the following courses in theory:

*Harmony*

Either two years' work in class harmony at one lesson a week, or a year and a half of private lessons, at two lessons a week. In either case the student must make passing grades in scales, intervals, triads and their inversions, chords of the seventh and their inversions, chords of the ninth, altered chords, all kinds of non-harmonic tones, modulations, harmonizing given basses and sopranos, and original exercises after the manner of hymn tunes, and be able to play any modulation at the keyboard. Chadwick's *Harmony* is the text-book used.

*History*

Each student is required to complete a one-year course in the history of music. This will be given in class, meeting one hour a week, with written examinations at the close of each term. Baltzell's *History of Music* is the text-book used. It is advisable that students cover a good course in general history before undertaking this course.

*Sight-Singing*

Each student is required to complete one year's work in sight-singing. The work is done in class, meeting one hour each week.

In addition to the above courses, which are required, the following courses are available for students desiring more work in theory:

*Counterpoint*

Strict Counterpoint in two, three and four voices. Francis L. York's *Counterpoint* is the text-book used. This course is given only in private lessons.

*Harmonic Analysis*

Beginning with four-part hymn tunes, the chords and progressions will be analyzed in representative sonatas by Mozart, Haydn, Handel and Beethoven. This course is given only in private lessons.

N. B.—Private lessons in harmony are half-hour lessons. Classes in harmony are limited to four, and are hour lessons. Theoretical work done in other schools of this rank will be accepted on presentation of proper credit. Work done with private teachers or at preparatory schools will be given credit only after the applicant has passed a satisfactory entrance examination.

### MUSIC CREDITS

Realizing the value of music study to general education, the faculty of the University has decided to allow four credits toward the A. B. degree for work completed in this department. Such credits are, however, available only to graduates of the Conservatory of Music.

### VOICE CULTURE AND SINGING

HELEN FOUTS CAHOON

THOMAS H. HAMILTON

Instruction in this department, while founded upon the Old Italian School of singing and the best modern teaching practice, will be devoted to the development of a natural method for each individual voice. In every grade the most careful attention will be given to those fundamental principles of good singing which will give the student a healthy use of his voice, and insure his future by giving him a thorough understanding of his instrument. These will include the study of Correct Breathing; Resonance; Beauty of Tone; Evenness of Scale; Intonation; Diction; Flexibility; Phrasing; Style, and Interpretation.

Students will be graded according to their talents and attainments. Those who possess unusual talents, whether studying for amateur honors or for a professional career, will be given every opportunity to advance as rapidly as is consistent with thorough preparation of their work and a healthy use of the voice.

The aim of instruction in every grade will be to eliminate the usual grinding of pupils through meaningless exercises, and substitute therefor songs and studies which will promote the development and growth of their musical gifts as well as their voices.

*Grade I.* Scales, arpeggios, and other vocal figures in the easy compass of the voice for the development of tone quality, resonance, breath control, and an even scale. Easy studies and attention to diction (vowel and consonant formation), and phrasing. Panofka and Concone exercises.

*Grade II.* Foundation exercises as in Grade I, with such gradual extension of the compass as safety will permit. More advanced songs and studies for the development of the voice, with foundation principles of style and interpretation. Marchesi and Lomperti studies.

*Grade III.* Foundation exercises in voice production on a more advanced scale, together with exercises and studies for greater extension of the compass. Flexibility and coloratura singing for those whose voices and style are adapted to such work. Recitative and dramatic singing. Classical songs, and airs in English from the easier operas and oratorios. (Students, who are qualified by previous study, will be helped and encouraged to sing these in the original language of the composition). Trill studies, Marchesi advanced studies.

*Grade IV.* Exercises which experience and observation have proved to be adapted to the individual voice for the purpose of keeping it in the best condition, and promoting its further growth and development. Repertoire in English, French, German and Italian; pupils being required to be proficient in at least one of these languages. Church, concert and lieder singing, recitative and arias from the great oratorios and operas.

Pupils of every grade who are sufficiently advanced in their work will be expected and encouraged to sing for each other and the general public at frequent recitals.

Graduates in Voice must have completed four grades as stated in the Catalogue and have a general knowledge of Classic and Modern Music; four grades in Pianoforte; the full course in Harmony and proficiency in Sight Reading.

The graduate must be able to sing Arias from Opera or Oratorios from memory and songs by composers of merit such as Schubert, Schumann, Franz, Greig, Massenet, Tschaiakowsky and Brahms.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

The Artist Degree is a continuation of former work of a higher standard and enlarging the repertoire.

## VIOLIN

FREDERICK CAHOON

*First Grade.* Half-tone system, Op. 2, Book I; Book-Technic, Books I-II, by O. Sevcik, First Position.

*Second Grade.* Scales and Studies in all Major and Minor Keys, Op. 39, Books I, II and III, by J. Dont; Exercise by Kayser, Book I, by H. Ries; Violin Duets, Op. 8, by Pleyal.

*Third Grade.* Schradieck's Exercises; Position Studies, by H. Sitt; Studies in combining the Lower Positions, Op. 38-a and 38-b by J. Dont; Solos by C. Bohm, G. Papini, etc., with piano accompaniment.

*Fourth Grade.* Sitt Scales and Arpeggios; Schradieck's Exercises continued; Preparatory Studies to Kreutzer and Rode, by J. Dont, Op. 37; Violin Duets, Op. 38, by Mazas; Solos of medium difficulty by Modern Composers.

*Fifth Grade.* Sitt Scales continued; Studies by Kreutzer, not including Double Stopping; Concerto by Accoly; Mittell Classics.

*Sixth Grade.* Double Stopping Etudes by Kreutzer; Studies by Fiorilli; Sevcik Violin Technique, Op. 1, Part I; Exercises in Double Stoppings by Sevcik; Solos in line with De Beriot's *Airs Varies* and *Scene de Ballet*.

*Seventh Grade.* Studies by Rovelli; Concertos by Rode, No. 4 and No. 7; Viotti, No. 23; Sonatas by Haydn and Mozart; Sevcik, Op. I, Part II.

*Eighth Grade.* Caprices by Rode; Concertos by De Beriot; Sonatas by Beethoven; *Morceau de Salon*.

*Ninth Grade (Post-Graduate).* Studies by Gavinies (*Les Vingtquatre Matinees*); Concertos by Bach, Mozart and Mendelssohn; Solos by Wieniawski; Sevcik, Op. 1, Part II.

*Tenth Grade.* Etudes and Caprices by J. Dont, Op. 35; Caprices by Paganini; Studies d'Artiste by Mazas; Solo Sonatas by Bach; Concertos by Beethoven, Vieuxtemps and Bruch; Solos by Ernst and Sarasate.

### ORCHESTRA

The regular school orchestra and band have been among the noteworthy features of the music department during the past year. All students playing orchestra or band instruments will have an opportunity to acquire an invaluable experience through the medium of the training offered in this form of ensemble playing.

### THE TEACHERS' TRAINING CLASS

During the last five weeks of the regular scholastic year a series of five lectures will be given, which are intended to be of especial value to those who are preparing themselves as teachers. The series will be repeated during the summer course to begin about June 1st for the benefit of students who are unable to avail themselves of the advantages of the work offered during the regular session.

### REQUIREMENTS FOR GRADUATION

Eight grades, as stated in the Catalogue, must be completed: The full course in Harmony and two grades in Piano. A recital must be given by each graduate.

In this department the requirements for graduation are as follows:

The program must consist of a Concerto in line with de Beriot's; a classical Sonata, Beethoven, Mozart, or Handel, and a number of shorter compositions by modern and classic composers.

All music graduates will be required to qualify for entrance into the Freshman class in English, General History, Elementary Physics and other subjects to an amount sufficient to aggregate 14 units.

## MISCELLANEOUS INFORMATION

## FACULTY CONCERTS

The Music Faculty will give occasional concerts during the school year. These concerts will be free to the music students. Hearing good concerts is a decided aid to the serious music student from an educational standpoint.

## STUDENT RECITALS AND PUBLIC PLAYING

Student recitals will be given monthly. These are particularly beneficial in cultivating confidence for public playing or singing, as all students will give their part of the program from memory. Not only the advanced students, but those in the easier grades, will be given the opportunity to take part in recital programs.

Pupils are required to take part in recitals when requested to do so by their instructor.

Music students are required to have the consent of their instructor and the Director if they wish to take part in public concerts not given in connection with the Conservatory of Music.

## ENTRANCE, MATRICULATION AND TUITION

Music students may enter any of the departments at any time, but it is advisable to enter at the beginning of the school year. They should matriculate on the first day of each term.

Beginners are always welcome, and for such there will not be any entrance requirements. Preparatory students will receive special attention and parents will find it greatly to their advantage to enroll their children in the Conservatory of Music.

Tuition is payable strictly in advance and the music student must present a matriculation card from the Registrar's office to the director before lesson hours can be assigned.

## LESSONS

Private lessons of two half hours per week are given to all students in Pianoforte, Voice Culture, and Violin.

If students are absent from their lessons, the lessons will not be made up. If lessons are lost on account of the absence of the instructor the lesson will be made up; but any missed lessons must be taken within four weeks after date, or be lost by the pupil.

### GRADUATION AND DIPLOMAS

In all but very exceptional cases, students already advanced when entering the Conservatory of Music will be required to spend two full years before they can graduate.

A diploma is granted to music students completing a special course.

### CONSERVATORY ADVANTAGES

The Conservatory of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education.

The Conservatory has its various clubs which are free to music students: The Glee Club, a mixed chorus, a male quartet and a girls' chorus.

The city and college libraries and also the literary societies of the University are open to music students.

### NATIONAL HOLIDAYS

The Conservatory of Music will observe all National holidays, and no refund will be granted for lessons missed on these days. Also, no refund for lessons missed during the regular examinations which occur on the last three days of each term.

### SCHOOL OF ORATORY

LEILA LONG POWELL, PRINCIPAL

TESSE FERNE MOSEY, ASSISTANT

The system used in the School of Oratory is based upon the Cumnock Method, founded by Robert McLean Cumnock, L. H. D.,

Director of the School of Oratory, Northwestern University, Evanston, Illinois.

### SPECIAL FEATURES OF THE SCHOOL

1. All classes in the school are under the direct supervision of the head of the department.

2. *Two Private Lessons a Week.*

In addition to class instruction each pupil receives, weekly, two private lessons during the entire course of study. This enables the instructor to remove at the outset all the personal difficulties in the way of the beginner's advancement, and by direct stimulation and criticism to put the pupils into possession of a correct mechanical technique, and to train them carefully into all the excellencies of expressive speech.

3. *Education of the Sensibilities.*

The development of the emotional nature may be truly said to be the chief work of the school, involving more time and labor than all the technique of voice and gesture. Thought is the occasion of emotion. A cultivated imagination that creates and reveals a scene as perfectly to the soul as the natural eye could reveal it to the mind is the secret of all eloquence. Throughout the course the student is taught to strive for earnestness, naturalness, sincerity, and simplicity.

4. *Importance of Rhetoric and English Literature.*

Stress is laid on the importance of a thorough study of English Literature and kindred subjects. Oratory and Literature must go hand in hand.

5. *Instruction in Breathing, Voice and Gesture.*

Attention is paid to development and control of breath proper use of body in cultivation of Vocal Energy English Phonation; Distinct Articulation; function of Natural and Orotund Voices; Application of Forces, Stress, Pitch, Rate, Quality and Emphasis; fundamental principles and application of Gestures.

Students are taught how throat difficulties, occasioned by wrong use of vocal organs may be avoided; how harsh quality of voice may be removed and pure musical quality acquired; how manner-

isms in melody and inflection may be remedied; how awkwardness in gesture may be conquered.

### DEBATING

Study and application of the principles of argumentation. Preparation of briefs. Leading questions of the day studied and debated in class. The aim is to develop readiness in extempore speaking, to give freedom and ease on the platform, and to cultivate the logical processes of analysis and discrimination. All who expect to enter the debating contests should take this course.

### DRAMATICS

"The "Footlights" is an organization maintained by the Oratory students. Its object is to furnish and promote practical training in the study of the modern drama and of dramatic action and presentation. Better facilities will thus be given to the students to pass judgment upon the written and spoken exercises of each other, and to receive the benefit of mutual contact and criticism.

### RECITALS

Public recitals will be given by members of the department who are prepared, at regular intervals during the scholastic year. The Literary and Debating societies of the University furnish excellent opportunity for practice in public reading and speaking.

### CONTESTS

Students of Oratory have splendid opportunities to measure their skill in the various oratorical contests held throughout the session. In the fall term is held a Declamatory contest, under the auspices of the literary societies. The annual preliminary trial for the representation of the University in the State Prohibition contest comes during the winter term. In March is held a similar preliminary for the Inter-Collegiate Oratorical contest. Probably in no school in the country is there more enthusiastic interest in oratorical attainments than in Texas Christian University.

## DIPLOMAS

Students who have satisfactorily completed the prescribed work, and possess a literary education equal to that required for admission to Freshman standing plus two years of College English, will receive a diploma in Oratory.

## SCHOOL OF ART

DURA BROKAW, PRINCIPAL

MISS CECIL CRAIGER, ASSISTANT

## GENERAL OUTLINE

The desire of the School of Art is to offer a means of general culture. Art is taught with the view of training both the vision and the mind, especially the mind. We study, not to do, but to know; then it may be that what we do will be worth while. The study of art opens up a great field of enjoyment, fine, intense, enduring and utterly free from the sensual. Not only does it give pleasure in the appreciation of the master artists of human kind, but it leads to far greater pleasure in the study of nature, the work of the Great Master of all.

## COURSES OF INSTRUCTION

*First Year.* Charcoal drawing from objects and casts. Practice in perspective and composition. Still life painting in oil and water-color.

*Second Year.* Charcoal drawing from full length casts. Pencil sketches from the costume model, leading to illustration. Out-of-door sketching. China painting.

*Third Year.* Charcoal drawing from the head. Pastel landscape and flowers. Composition and Designing; painting in oil and water-colors. Art History.

## ART SUPERVISORS' COURSE

A teachers' training course will be given for those desiring to prepare themselves for work in the public schools. There is a growing demand for this kind of work.

### ART HISTORY

The course in Art History is given by Mrs. Cockrell. It is very beneficial in creating an interest in all that pertains to art and in making one familiar with the work of the old masters. A text-book is required, containing reproductions and criticism of the representative art of the world.

### LANDSCAPE

Much importance is attached to the out-of-door sketch class, as the country surrounding the University is very inviting for this work. Frank Reaugh, of Dallas, will give illustrated out-of-door art talks during the year. Mr. Reaugh makes a specialty of landscape and animals. He has studied in St. Louis School of Fine Arts and Academie Julien, Paris; is a member of the Society of Western Artists, and his work is well known at the leading exhibitions of our country.

### ART CLUB

An Art Club, called the "Brushes," is organized for the benefit of all art students. This club has for its object the furtherance of the general interests of the school, and is a source of benefit and pleasure to its members.

### EXHIBITIONS

The best work of the students will be exhibited in the studio at least once each term, and the work is often sent to exhibits elsewhere in the State.

### HOURS FOR WORK

The Studio is open during all the school hours of the University. The regular tuition provides for four two-hour lessons a week. Firing is given free on all china done during the regular lesson time. The free-hand drawing is given two hours per week.

## GRADUATION

A diploma will be conferred upon students who have completed the full three years' course as laid down in this Catalogue and have the equivalent of Freshman standing in the University, including English, 3 units; General History, 1 unit, and Elementary Physics, 1 unit. A teachers' certificate will be given for the completion of a two years' course in water-color and china-painting or the Art Supervisors' Course.

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# THE COLLEGE OF Business

J. A. DACUS, PRINCIPAL

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## GENERAL STATEMENT

The Principal of the College of Business has the general oversight of the Department. He is assisted by competent teachers. In point of equipment, courses, advantages, etc., the College of Business is second to no other department or Business College in this part of the country. It is complete within itself.

The purpose of the courses offered in the College of Business is to supply the facilities for the training of young men and women who desire to enter upon business careers; to impart that knowledge most valuable and essential to all persons seeking an honest living; and, in fact, practically to qualify young men and women for the stern realities of life. Its work is based on the belief that through a study of commercial methods and economic forces, a young man may obtain at least as valuable mental discipline as in the so-called culture studies and in addition will gain practical knowledge and habits of thought that make for efficiency in business. Again its work is based upon the demonstrated fact that every person should have a knowledge of commerce, accounts and finance, because they are necessary elements in everyday life. The modern business man needs training of the highest order, combined with a knowledge of the mathematical, physical and social sciences and of their application to commerce and industry. The present age is a commercial one with rapid development of modern industrial processes. The growing demand of the present age is Commercial Education. The purpose of the College of Business of Texas Christian University, with its splendid equipment, courses and advantages, is to meet that demand.

## LOCATION AND SPECIAL ADVANTAGES

1. The location is most desirable. Fort Worth is an important railroad center, and is accessible from every direction. The University grounds are more than 100 feet above the city, making it not only cool and delightful, but affording a commanding and inspiring view.

2. A well organized Academy makes it possible for a student to review any literary branches in which he may be deficient and at the same time take a course in Business. Any course in the University, for which the student is prepared, is open to the stu-

dent of this department. So also are the departments of music, oratory and art open to them. Students of this department may, therefore, with only a slight increase in the expenses, take almost any work they may desire.

3. The library privileges of the University are open to the students of the Business College.

4. The buildings are commodious and all living rooms are supplied with pure artesian water.

5. The young ladies are under the immediate care of a competent lady principal.

6. The personnel of the student body is a matter of pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they want an education.

7. The moral and religious tone of the University is of a high order. The excellent churches, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the student in an effective way.

8. Considering the advantages offered, the expenses are exceedingly small.

### PREPARATORY COURSE

For the benefit of those who have been out of school for some time and are "rusty," and for those who are deficient in such studies as Grammar, Arithmetic, Reading, etc., we give a preparatory course. If the student is really deficient, it will require some four or six months' earnest work before he will be able to take up the Business or Shorthand course; but if he is only "rusty," or deficient in one or two studies, he may enter upon a Business or Shorthand course at once, join these preparatory classes, and make up his deficiencies. This is one of the many advantages the student has here and that he cannot get at any regular Business College. These preparatory classes are taught by our regular literary teachers.

### BUSINESS COURSE

Bookkeeping, Business Practice, Penmanship, Typewriting, Business Spelling, Commercial Law, Business Correspondence, Office Customs.

## BOOKKEEPING AND BUSINESS PRACTICE

The course in Bookkeeping is practical and interesting from beginning to end. It is presented in such a way that the student "learns to do by doing." The work is given in sets representing the general lines of business. It begins with the first principles, namely, teaching the student how to systematically make records of all purchases, whether for cash, on an open account, on notes or otherwise; how to record all sales, whether on open account, notes or otherwise. The student is taught early in the course to write such business papers as notes, drafts, checks, etc., and to properly record same. After the basis is laid, he is then given the first set, which is on the General Merchandising Business. In this set the student is supplied with \$8,000 in College Currency, actually engages in the General Merchandising Business, handles the cash, buys and sells merchandise as the general merchant does, pays rent, salaries, freight, writes out all notes, drafts, checks, etc., for a given time, at which time he is required to render a statement exhibiting total debits, credits, losses, gains, resources and liabilities. Books to be used in this set are Cash, Journal, Sales, Ledger, Invoice Book, Bills Receivable Register and Bills Payable Register. Of course the student has Check Book, Receipt Book, Note Book, and keeps stubs properly filled out in these books. This is a very practical set, and the larger part was taken from a General Merchandising Business by Professor Dacus.

## FURNITURE AND CARPET BUSINESS

This is the second set, and represents a partnership business for an up-to-date furniture and carpet house. In this, as in all the work throughout the entire course, all notes, drafts, checks, and other business papers are written out by the student.

## HARDWARE BUSINESS

This is the third set, and the student starts the business with both resources and liabilities on hand. He is expected to adjust these points and run the business for three consecutive months, making monthly and final statements to the proprietor.

## GROCERY BUSINESS

In this, the fourth set, the student is supplied with \$5,000 in College Currency, with which he engages in business. He uses Cash, Journal, Sales and Ledger Books. As auxiliaries he may have Order Book, Purchasing Journal, Invoice Book, Customer's Check-up Book, Bills Receivable and Bills Payable Register. He buys groceries in large quantities and sells in small quantities; in other words, runs a retail grocery business for a certain length of time, making out, of course, all notes, drafts, checks, etc.; and as a corporation is to be formed, he is now instructed to make a full statement showing all debits, credits, losses, gains, resources and liabilities. This is designed to teach the student how to change from an individual business to a corporation business. The books having been closed, nine other persons are here admitted into the business, putting in \$10,000 each, thus organizing a corporation of \$100,000, for the purpose of running a Wholesale Grocery Business. The student is employed as bookkeeper, city and traveling salesmen are employed, books are opened by the student, and the business is conducted for a period of time necessary to familiarize the student with this kind of bookkeeping.

## BUSINESS OFFICES

There are several well equipped business offices in the College of Business, such as Merchants' Emporium, Commercial Exchange, Interstate Transportation Office, College National Bank with a capital of over \$1,000,000, Postoffice, etc. Throughout the course the student has business transaction daily with each of these offices, and each student is required to spend from one to two weeks in each of these offices; hence, when a student has graduated from the College of Business in Bookkeeping and goes to accept a position he is at home; it is like changing from one office to another; he has "learned to do by doing"; he places money on deposit, discounts notes through the bank, draws drafts on customers, pays freight, receives mail through postoffice, and, in fact, conducts each class or line of business for which he is bookkeeper in a very business-like manner.

## MODERN OFFICE APPLIANCES

National Cash Register (Electrical); Edison's Electrical Business Phonograph; Typewriters; Egry Eales Register; Neostyle Duplicator; Burroughs Adding Machine.

The large Electrical Cash Register is placed in the Retailers' Exchange, one of our business offices, where the student, while working in the office, must make all entries through the Register and his cash must balance with the Cash Wheel. This teaches the student to be accurate, for he is dealing with a mechanical appliance that will keep strict account of all cash taken in and paid out.

The Edison Business Phonograph is another wonderful machine that we teach our students to use. The teacher dictates business letters to it, then the machine dictates the letters to the students. This gives the pupils many advantages that they have not heretofore had. The machine has a change of speed and by regulating it, forces the pupils to write faster; hence, greater speed is acquired.

We teach the student to use typewriters with the standard keyboards, so that they will be able to use any machine when they leave school. Our typewriters are kept in the very best condition, for we have arranged with a mechanic to go over our machines monthly and give them any needed repairs.

The Egry Sales Register is placed in the Union Wholesale House, and each bill of goods sold must be registered on this machine. All transactions are under lock, hence no sales tickets are lost. This register eliminates the sales pad.

The Neostyle is the time saver for the business man who wants to put out a circular letter. After the stencil has been cut and is placed on the pad, letters at the rate of 500 per hour may be written. Our students are taught how to place the stencil in the typewriter, how to cut it; in fact, each student must learn how to operate the machine in detail and get out letters.

The Burroughs Adding Machine also takes its place in our Commercial Department. Students are taught to get off statements, proof add their balance and use the Adding Machine just the same as if they were in a business office.

Any person who wishes to enter a business office should have a full knowledge of the above named appliances. These are used

in all the modern business offices, and are to be learned after one enters the office if he does not get acquainted with them in the schoolroom. We specialize in giving the student things that will help him draw a larger salary.

The Business Phonograph and Neostyle are required with the Shorthand Course. The National Cash Register, Burroughs Adding Machine and Egry Sales Register are required with the Book-keeping Course.

### COMMERCIAL LAW

The course in Commercial Law covers the subjects of Contracts, Remedies, Defenses, Damages, Negotiable Paper, Interest and Usury, Sale of Personal Property, Chattel Mortgages, Bailments, Guaranty, Shipping, Common Carriers, Agency, Partnership, Joint Stock Companies, Corporations, Leases, Deeds, Mortgages, Highways, and also a short treatise on the various Courts, State and National, and pleading and practice.

Special attention is given to the various legal forms in common use, and the student must be able to write any ordinary form offhand before completing this subject. In addition to the class-work on this subject, the student gets a great deal of practical experience in writing up the various forms required in his book-keeping work.

### BUSINESS PENMANSHIP

It is a demonstrated fact that rapid, practical, plain writing cannot be successfully taught from copybooks. For this reason, we teach the subject from the board, putting great stress on position at desk, movement, form and speed, and as helps, we use pen written copies. Criticisms are freely given and much earnest work is done that we may be able to turn out students who can write a bold, rapid, legible hand. All students cannot become professional, but any earnest student can at least acquire an epistolary style.

### BUSINESS CORRESPONDENCE

Before entering upon this subject the student should have a good knowledge of English Grammar. Throughout the entire course he has much need of correspondence; he is, however, taught the various parts of letters, arrangements, folding, inserting, ad-

dressing envelopes, and how to enclose commercial papers. The student gets much practice in actually writing letters, ordering goods, making remittances, and conducting in a general way all correspondence necessary to carry on the various lines of business for which he is bookkeeper while taking his course. His correspondence becomes a part of his work, and he is graded on it the same as on bookkeeping or other subjects.

### BUSINESS SPELLING

As the heading implies, we teach only business spelling in this department, and this is given to the department as a whole. Regular lessons are assigned with a certain number of words to be looked up daily in the dictionary; these lessons are pronounced the following day while each pupil with pencil and tablet is writing the word, exchanges of papers are then made, papers graded, and grades called for. These grades are kept and from them daily reports are obtained. Spelling is the one thing on which almost everyone gets "rusty," unless kept "rubbed up" by daily references to spellers and dictionaries.

### REQUIREMENTS FOR GRADUATION IN THE BOOK-KEEPING COURSE

The work in Bookkeeping is entirely individual, and when the student has done the work outlined, has made passing grade on final examination, and is able to write forty words per minute on typewriter for five consecutive minutes, his course is completed, providing, of course, he has a passing grade on all the other studies in the course. The average grade required on all studies is 75 per cent.

### EQUIPMENT FOR THE BOOKKEEPING COURSE

Each student in this course has a desk with cash drawer and book rack; in fact, all the necessary equipment of a business office. There is also a full line of offices that represent the parties with whom the student deals. Most of these offices are equipped with modern office appliances, such as the National Cash Register, Egry Sales Register, and the Burroughs Adding Machine. We have cardboard with the name and price written

thereon to represent merchandise, and College currency to represent the money.

### AMANUENSIS COURSE

Shorthand, Typewriting, Business Correspondence, Commercial Law, Legal Forms, Spelling, Penmanship, Office Customs, and Court Reporting.

### SHORTHAND

Shorthand is given in sheets, that is, one lesson at a time. We cover the principles in ten lessons. *The First Lesson* is on the consonant alphabet, with necessary practice; *The Second Lesson* is on the vowels, with practice thereon; *The Third Lesson* is on the diphthongs and word-signs; *The Fourth Lesson* contains comments on the consonants, brief w's and y's; *The Fifth Lesson* explains the circles, loops and translating; *The Sixth Lesson* explains the Halving Principle and gives practice of some; *The Seventh Lesson* is an explanation of the doubling principle; *The Eighth Lesson* explains the initial hooks; *The Ninth Lesson* explains the final hooks; *The Tenth Lesson* contains a full list of prefixes and affixes. After the principles have been mastered, a large amount of practice is given in business letters, legal documents, court testimony, clippings from newspapers, etc., for speed practice.

The students do a great deal of the private correspondence of the Principal of the College of Business, as well as for many of the other teachers and students of the University, and are required to go through much office work in the way of making carbon copies, press copies, filing various classes of papers, writing out deeds, leases, mortgages, articles of agreement, etc., hence, when the student graduates in the Amanuensis Course he is a practical stenographer.

Persons who have started Shorthand but have not had the opportunity to finish same would do well to enter the College of Business, as they can get almost any standard system. We teach only one system to beginners, but try to accommodate those who have taken a part of some other system.

## TOUCH TYPEWRITING

Typewriting is of equal importance with shorthand; in fact, the salary depends chiefly on the speed and accuracy of the operator. We teach the Touch Method because it is faster than the Sight, it saves the time of looking from the keyboard to the copy and back to the keyboard. You do not lose the place when you are writing by Touch and you *do* lose it when you write by Sight. Those who have learned elsewhere, however, and can satisfy our requirements, will not be denied diplomas simply because they use the Sight method.

A systematic course of lessons is given, including business letters, tabulating, manifolding, etc. Full explanations and care of the typewriter are given, and regular practice periods are assigned each student. All work done by each student is filed daily and corrected by the teacher.

All students are required to write at the rate of 25 words per minute from copy and 40 words from dictation.

This course is given free to the students who are taking either bookkeeping or shorthand.

## BUSINESS CORRESPONDENCE

The student of stenography begins on correspondence just as soon as he is over the principles, and starts to write simple letters. He is taught the various parts of letters, scaling on typewriting, and has practical correspondence each day until his graduation.

Commercial Law, Legal Forms, Spelling, Penmanship, Office Customs and English Grammar, same as required for Business Course.

## REQUIREMENTS FOR GRADUATION IN AMANUENSIS COURSE

All subjects under the Amanuensis Course must be completed in a satisfactory manner, and the student must be able to write 100 words per minute for five consecutive minutes from new matter, and transcribe it on the typewriter at the rate of 25 words per minute. The student must also have a speed from dictation on the typewriter of 40 words per minute for five consecutive minutes, and be able to use the Neostyle and take dictation from the Business Phonograph.

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**SCHOOL**  
**OF**  
**Home Economics**

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## FACULTY

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MARY LEE MOORE,

*Principal. Professor of Economic Science and Art.*

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(To be supplied.)

*Assistant and Director of Practical Work.*

(Other teachers will be supplied as rapidly as demanded).

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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 Miss Moore during the first year of the School prophesies eminent success for the future. She is a graduate of William Wood College, and a post-graduate student in the Home Economics Training School, Columbia, Mo. She has had ample experience as a teacher, is energetic and enthusiastic, and by her winning and commanding personality has easily won for the Department a sure and increasing patronage.

## PURPOSE OF THE SCHOOL

The primary object of this School is to develop young women in all womanly ways and graces, and prepare them to become worthy makers and preservers of the home. The courses of study are prepared to secure for the student a thorough understanding of home-making.

Such a purpose has two forms: First, to supply a scientific study of foods, clothing, shelter and the care of the sick, serving the ends of economy, art, health and convenience. Second, to enable the student scientifically to perform the professional offices of artistic dressmakers, milliners, caterers, dietitians in hospitals and house decorators.

### EQUIPMENT

A large room in the Administration Building of the University has been well furnished with individual gas stoves and every modern article that may contribute to the latest and most practical methods of cooking. Likewise ample equipment is at hand for sewing, dressmaking, drawing and decorating. A strictly modern dining room is being fitted out for this department. 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 subject are at the disposal of home economic students.

### REQUIREMENTS FOR GRADUATION

Candidates for the Diploma in Domestic Science and Arts must fulfil the requirements of the courses above and a completion of 14 units in High School. Requirements for a certificate to teach in Domestic Science and Arts are 7 units, or grades 8 and 9 in fully accredited four years' High School, and a completion of Freshman and Sophomore work in the College of Domestic Science and Arts. For graduation the student is expected to complete required work, to settle all financial accounts with the University, and to observe creditably all the regulations of the School.

### COURSES OF INSTRUCTION

#### FRESHMAN YEAR

- I. *Methods of Cooking.* 1. A study of the composition and production of proper foods, their scientific classification and adaptation to the needs of the human body.

2. A study of the fundamental principles and processes of cookery and their application to various kinds of food.
3. A study of cooking utensils, their uses, cleaning, and care, with a consideration for the varied materials involved in cooking.

Texts: Elements of Theory and Practice of Cookery, Williams and Fisher; Miss Kerr's Cook Book; Principles of Cookery, Barrows.

*Special Practical Course in Cooking* given to students who did not have the course above in 1915-16. This course includes planning, preparation and serving of course meals. Once a week.

- II. *Principles of Sewing.* A study of the essential principles of sewing, how to use bought patterns, the art of patching and darning, and the making of simple garments, including one house dress and shirtwaist.
- III. Other branches listed in the table of studies for the first year are taught in the College of Arts and Sciences and College of Fine Arts, to which the student is referred.

#### SOPHOMORE YEAR

- IV. *Advanced Course in Cooking.* Continuation of Food Study, Home Nursing, Invalid Cookery, Planning and Serving Meals, and Household Management. Texts: Foods and Cooking for Sick and Convalescent, Farmer; Foods and Household Management, Kinne and Cooley. Reference books in the library. Also Greer's Textbook of Cooking.
- V. *Advanced Course in Sewing.* A continuation of Course II. This includes more hand stitches and more difficult garments. Patterns are drafted and used in practical work. Each student is expected to take with this a short course in teaching sewing.
- VI. *House Decoration.* A study of the planning of a house and its furnishings with regard to health, comfort, cost and beauty. Each student is required to plan at least one house to suit definite ends and conditions, and the furnishing of the same with an estimate of cost.

## SCHEDULE OF COURSES

### FRESHMAN YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Cooking Lab. 1:30-3:30	Chem. 11:20 Theory 8:00-9:00 Sewing 9:00-10:00 10:30-11:30	Chem. Lab. 11:20 Cooking Lab. 9:00-1:30	Chem. 11:20 Bacteriology 8:00-9:00 Textiles 9:00-10:00 Household Ac'ts 10:00-11:00	Chem. Lab. 11:20 Wood Working 1:30-2:30	Chem. 11:20 Drawing 1:30-2:30 House Decoration 9:00-10:00

### SOPHOMORE YEAR

Chem. 24 Theory of Cooking 9:00-10:00 Sewing 10:00-12:00	Cooking Lab. 1:30-5:30 Economics 21 11:30	Chem. Lab. 9:00-10:00	Chem. 9:00-10:00 Cooking Lab. 1:30-5:30 Bacteriology 8:00-9:00 Economics 21 11:30	Chem. Lab. 9:00-10:00 Costume Design 9:00-10:00 Household Budgets 10:30-11:30	Chem. 9:00-10:00 Economics 11:30 House Decoration 10:00-11:00
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Botany and Zoology covered in Biology I.

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# COLLEGE OF MEDICINE

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## OFFICERS OF FACULTY

BACON SAUNDERS.....	President of the Faculty
WILLIS G. COOK.....	Vice President of the Faculty
FRANK G. SANDERS.....	Secretary of the Faculty
S. A. WOODWARD.....	Dean

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**FACULTY**


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(To be elected)

*President of the University.***Emeritus Professors**

AMOS C. WALKER, M. D., Fort Worth, Texas,  
*Professor Clinical Surgery.*

JULIAN T. FIELDS, M. D., Fort Worth, Texas,  
*Professor of Obstetrics.*

FRANK D. THOMPSON, M. D., Los Angeles, Cal.,  
*Professor of Gynecology.*

JAMES ANDERSON, M. D., Fort Worth, Texas,  
*Professor of Practice of Medicine.*

FRANK GRAY, M. D., Fort Worth, Texas,  
*Professor of Ophthalmology.*

**Professors**

BACON SAUNDERS, M. D., L. L. D., F. A. C. S., 404 Common-  
wealth Bldg.,  
*Professor of Surgery.*

WILLIAM A. DURINGER, M. D., Fort Worth Club Bldg.,  
*Professor of Clinical Surgery.*

WILLIAM R. THOMPSON, M. D., 714 Ft. W. Natl. Bk. Bldg.,  
*Professor of Ophthalmology.*

- GOODRIDGE V. MORTON, A. B., M. D., Ft. Worth Natl. Bk. Bldg.,  
*Professor of Obstetrics.*
- MARQUIS E. GILMORE, Ph. C., M. D., 317 Western National  
Bank Bldg.,  
*Professor of Obstetrics.*
- WILLIS G. COOK, B. S., M. D., 209 F. & M. Natl. Bk. Bldg.,  
*Professor of Principles and Practice of Medicine.*
- KENT V. KIBBIE, B. S., M. D., 112½ West Ninth Street,  
*Professor of Genito-Urinary and Rectal Diseases.*
- W. ERNEST CHILTON, M. D., 112½ West Ninth Street,  
*Professor of Gynecology.*
- JOHN D. COVERT, M. D., 209 F. & M. Natl. Bk. Bldg.,  
*Professor of Clinical Medicine.*
- CHARLES H. HARRIS, M. D., F. A. C. S., 1028 Fifth Ave.,  
*Professor of Clinical Surgery.*
- FRANK D. BOYD, M. D., F. A. C. S., 303 F. & M. Bk. Bldg.,  
*Professor of Laryngology.*
- MARTIN V. CREAGAN, Ph. G., M. D., Byers Opera House Bldg.,  
*Professor of Genito-Urinary and Rectal Diseases.*
- WILMER L. ALLISON, M. D., Arlington Heights,  
*Professor of Neurology and Mental Diseases.*
- SIDNEY J. WILSON, Fort Worth Natl. Bank Bldg.,  
*Professor of Dermatology and Syphilology.*
- HOLMAN TAYLOR, B. S., M. D., 207 Western Natl. Bank Bldg.,  
*Professor of Hygiene and State Medicine and Assistant in Medicine.*
- S. A. WOODWARD, M. D., 204 Western Natl. Bank Bldg.,  
*Dean and Professor of Clinical Gynecology.*
- EWING P. HALL, M. D., Fort Worth Natl. Bank Bldg.,  
*Professor of Clinical Medicine.*
- LEONIDAS A. SUGGS, M. D., 301 Commonwealth Bldg.,  
*Professor of Orthopedic Surgery.*

JESSE S. BARDIN, M. D., 100½ Main Street,

*Professor of Pediatrics.*

FRANK G. SANDERS, Ph. G., M. D., Fort Worth Natl. Bank Bldg.,

*Professor of Anatomy.*

TRUMAN C. TERRELL, M. D., 1214 Fifth Avenue,

*Professor of Bacteriology and Clinical Diagnosis.*

W. M. WINTON, M. D., Medical College,

*Professor of Physiology and Associate in Pharmacology.*

R. H. GOUGH, A. B., M. D., 508 Ft. Worth Natl. Bank Bldg.,

*Professor of Otolology.*

GEORGE D. BOND, M. D., 309 Commonwealth Bldg.,

*Professor of Electro-Therapeutics.*

THOMAS L. GOODMAN, M. D., Medical College,

*Professor of Pathology.*

C. H. McCOLLUM., M. D., 410 Ft. Worth Natl. Bank Bldg.,

*Professor of Pharmacology and Therapeutics.*

CHARLES F. CARTER, A. B., M. D., Medical College,

*Professor of Chemistry.*

### Associate Professors

ROY F. SAUNDERS, M. D., F. A. C. S., 406 Commonwealth Bldg.,

*Associate Professor of Surgery.*

IRA C. CHASE, A. B., M. D., F. A. C. S., 303 Western Natl. Bk. Bldg.,

*Associate Professor of Surgery.*

CLAUDE O. HARPER, M. D., 308 Ft. Worth Natl. Bk. Bldg.,

*Associate Professor of Surgery (Surgical Pathology).*

WILLIAM C. DURINGER, M. D., Ft. Worth Club Bldg.,

*Associate Professor of Surgery.*

ROBERT W. MOORE, Ph. B., M. D., 714 Ft. Worth Natl. Bk. Bldg.,

*Associate Professor of Ophthalmology.*

ISAAC A. WITHERS, M. D., 206 Wheat Building,

*Associate Professor of Gynecology.*

LYMAN A. BARBER, M. D., 205 Wheat Building,  
*Associate Professor of Anatomy.*

J. A. KELLY, M. D., 509 Commonwealth Building,  
*Associate Professor of Medicine.*

H. B. KINGSBURY, B. S., M. D., 205 Western Natl. Bank Bldg.,  
*Associate Professor of Gynecology.*

J. WESLEY HEAD, M. D., 303 F. & M. Natl. Bank Bldg.,  
*Associate Professor of Laryngology.*

OSCAR E. VEATCH, A. B., M. D., 206 F. & M. Natl. Bank Bldg.,  
*Associate Professor of Medicine.*

L. M. WHITSETT, Ph. G., M. D., 308 Ft. Worth Natl. Bank Bldg.,  
*Associate Professor of Obstetrics.*

JAMES D. BOZEMAN, M. D., Arlington Heights,  
*Associate Professor of Neurology and Mental Diseases.*

JOHN B. CUMMINS, M. D., 708½ Main Street,  
*Associate Professor of Obstetrics.*

HENRY B. TRIGG, M. D., 506 First National Bank Bldg.,  
*Associate Professor of Neurology.*

WILLIAM C. LACKEY, M. D., 104 West Front Street,  
*Associate Professor of Pediatrics.*

C. F. HAYES, M. D., 1408 N. Main Street,  
*Associate Professor of Pediatrics.*

J. A. GRACEY, M. D., 409 Commonwealth Bldg.,  
*Associate Professor of Obstetrics.*

F. E. RUSHING, M. D., 912½ Main Street,  
*Associate Professor of Medicine (Stomach and Intestines).*

ARTHUR B. BROWN, M. D., 912½ Main Street,  
*Associate Professor of Genito-Urinary and Rectal Diseases.*

GILES W. DAY, M. D., Medical College,  
*Associate Professor of Histology and Embryology.*

For full list of Assistant Professors, Lecturers and Demonstrators, see Bulletin of the College of Medicine.

## HISTORICAL REVIEW

The organization of the school was the result of a desire on the part of a body of strong, earnest, progressive physicians and surgeons to elevate the standard of the state medical profession, provide better physicians and better facilities for practice and to assist the local profession to greater efficiency. The school has always stood for progress. It was one of the first colleges in the South to become a member of the Southern Medical College Association. Its faculty has led in securing better Medical Practice Acts and Medical laws in Texas.

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The Medical Department of Texas Christian University was organized in 1894, as the Medical Department of Fort Worth University. The first degrees of Doctor of Medicine were conferred in 1895.

At that time there were no medical schools within a radius of 350 miles, a territory of 380,000 square miles, containing over four million people. Many of the nearest schools were poorly equipped, gave two-year courses of instruction, furnished inefficient laboratory training and no bedside teaching. The right to practice medicine in Texas at that time rested on certificates from District Examining Boards, to obtain which practically no medical knowledge was necessary. The country was rapidly filling up with physicians who had poor, or almost no medical college training, and in addition there were no accessible anatomical, surgical, bacteriological or pathological laboratories, which the medical profession in this vast territory could consult.

The first faculty consisted of fifteen full professors with adjuncts, assistants and demonstrators. The scientific branches were for some years taught in the laboratories and buildings of Fort Worth University. In its second year a special building was erected on the University campus. Later a medical building in the heart of the city, the site of the present Seibold Hotel, was secured and occupied for ten years. The demand for more modern equipment was met in 1905 by the erection of a new modern medical building, today one of the best structures of its kind possessed by any southern medical college.

## COLLEGE OF MEDICINE

After the removal of the academic and college departments of Fort Worth University and union with the Epworth University at Guthrie, Oklahoma, the Medical Department was known for some years as the Fort Worth School of Medicine. In 1911 it became affiliated with Texas Christian University. In 1913 the University acquired possession of all buildings and properties of the Medical School, which became one of its departments. The Faculty is elected by the University Trustees and the Department financed by the general funds of the University. The Medical Department is now permanently established and shares with the other departments of the University its rapidly growing prestige and increasing endowment.

A liberal appropriation of \$7,500.00 from the general University funds is to be given to the Medical Department in order that essential improvements may be made in the equipment and teaching force. During the session just closed there was a very large increase in the clinical material in the dispensary service. Plans have been made to have even a greater increase in the clinical material of this service. Besides the matron in charge of the service there will be a registered physician in charge who will give attention to all cases that may come irrespective of the hour they may apply. These cases will be given emergency treatment and then referred into the regular clinical channels. A daily gynecologic service is contemplated, so that during the coming session a large number of cases will be in this service.

## CLINICAL RESOURCES

Fort Worth has an enormous tributary territory from which clinical material is drawn. It is a rapidly growing city of about 100,000. It is reached by 27 railroad and interurban lines and is the greatest railroad centre of Texas. It has the largest hospital facilities of any city of the state, enormous packing industries, oil refineries, compresses, grain elevators and live stock markets.

The City and County Hospital and St. Joseph's Infirmary supply the Medical School with over 150 beds for clinical teaching. Besides these, use is made of the Arlington Heights Sanitarium

for Nervous Diseases, All Saints' Hospital, Harris' Sanitarium, the County Benevolent Home, the Tarrant County Orphanage and several maternity homes for out-clinic obstetric work.

### CITY AND COUNTY HOSPITAL

The City and County completed in 1914 a charity hospital in the same block with the Medical College. It is very comfortable and substantial fire-proof structure, accommodating 60 patients, and includes a children's and obstetrical ward. The clinical teachers are on the hospital staff and the material in a large measure is available for teaching purposes.

### ST. JOSEPH'S INFIRMARY

St. Joseph's Infirmary is located in the southern part of the city, readily accessible by a 6-minute car service. It is situated upon a high plateau, and is surrounded by spacious grounds. It is owned and operated by the Sisters of the Incarnate Word, and has four operating rooms, in one of which a commodious amphitheater has been provided. This is perhaps the largest and best equipped hospital in the State, having room for more than 400 beds. Saturday Clinics are held here by the Professors of Surgery and Medicine, and Senior students here have daily service. Fifty beds are absolutely at the disposal of the Faculty for teaching purposes in medicine and surgery.

### ALL SAINTS' HOSPITAL

This hospital has 60 beds, is located in the southwestern part of the city, accessible by two street car services. Two surgical clinics per week are held here. These cases are fully accessible to students and constitute a part of the assigned surgical work.

### HARRIS SANITARIUM

A private hospital conducted by one of the members of the surgical staff, located on a 10-minute car line from the downtown district. This hospital has a capacity of 40 beds. Suitable cases are assigned to students by the professor in charge.

### COLLEGE DISPENSARY

The College Dispensary is conducted on the second floor of the College building in the heart of the city. It is ideally equipped for this work. It possesses a large waiting room, an office for enrolling patients with a complete set of records, an operating room, a six-bed emergency hospital, three examination and treatment rooms, a drug store where medicine is furnished free to the indigent poor. The service is arranged for section work in the upper classes. The sections rotate so that by the completion of the service each student has been under the direct instruction and supervision of the teaching force of the Medical School. It is here an earnest endeavor is made to acquaint each student with the knowledge of accurate diagnosis and treatment. During the session 1915-'16 there were treated in this out-door dispensary service over 6,000 patients.

### ANATOMIC LABORATORIES

The dissecting room occupies the fourth floor, having the full east and south ventilation. It has a good cement floor and direct sewer drainage. It is provided with fifteen dissecting tables, accommodating 60 first year men. This department is provided with good lockers, lavatories, lights, etc.

Connected with this room is the anatomic amphitheater, lighted by window and skylight, provided with fine slate boards and accommodating with raised seats 60 men. Here anatomic demonstrations on the cadaver are given. The room is also used for autopsy work and demonstrations in operative surgery.

This department is also provided with a preparation room with cement floor, direct elevator connections, water and light, with all appliances for the preservation of bodies.

The anatomic study laboratory is an important part of this department. Here is placed a large central table with chairs for section study. The walls are fitted with cases containing models, charts, dissections, cross sections, bones graphically showing muscular attachments, embryologic preparations, anatomic library, etc.

The bone room is furnished with a large collection of well classified disarticulated bones for the practical study of osteology.

Tickets are secured at the Dean's office for \$3.00, entitling the holders to draw bones for study according to the printed rules issued with the tickets.

A private laboratory has been installed and equipped for the professor's private use, in which he may do private research work. It is fully equipped.

### MUSEUM OF ANATOMY

A valuable museum is rapidly accumulating and is being constantly augmented with selected material from the Anatomical Laboratory and autopsy rooms. This includes a collection of bones, including many abnormal conditions as well as those illustrating the changes from infancy to old age, various dissections of nervous, vascular and muscular systems, series of sections of head, trunk, limbs, etc., sections of the most important articulations and dissections showing tendons and ligaments of same, sections of brains as illustrated by the text books of anatomy, also models of various organs and portions of the body in wax, papier mache and plaster, besides a large collection of charts, stereoptic sets, atlases and text books of anatomy.

### THE CHEMIC LABORATORY

The chemic laboratory occupies a room 48x25 feet on the fourth floor. It is fitted with 120 cabinet desks, accommodating 120 men. The desks are provided with drawers, lockers, water, gas, and furnished with reagents and chemical apparatus.

The department has a store room 12x18 feet, and a private laboratory for special research work of the instructors. It contains an ample supply of the best chemical apparatus obtainable.

The laboratory connects with the chemical lecture hall, which accommodates 75 men, and is fitted with blackboards, demonstration desks, etc., necessary for chemical lecture work.

The professor of chemistry has been provided a large, light, airy private laboratory, fully equipped with all necessary apparatus for his personal study and for the examination of such chemical matters as he may elect.

This is in addition to the large and well equipped laboratories in the Main Building of the University.

### THE PATHOLOGICAL LABORATORY

This laboratory is situated on the north end of the third floor of the College building. It is 16x44 feet, and fitted with desks and lockers of progressive heights to enable all to have advantage of the ten large windows. This laboratory has compound microscopes and accessories sufficient to accommodate 5 men with individual outfits.

The department provides a private pathological laboratory with research library, record cases, special research instruments and ample desks for work of instructors.

A large store room stores material for this laboratory. It is equipped with various baths, microtomes, specimens both mounted and unmounted, staining material of all necessary kinds.

A vertical photo-micrographic camera, mounted on table, with all accessories for taking photo-micrographs, has been provided. About 20 photo-micrographs of sections of normal and pathologic tissues have been prepared. This matter will be increased from time to time.

The professor of pathology has been provided a large private laboratory fully stocked with materials for his personal research work. A large number of pathological specimens are in his laboratory for study and classification and use as he considers best.

### THE PHYSIOLOGIC LABORATORY

The physiologic laboratory is on the first floor. This department has five full Harvard units, for the standard experimental courses in physiology. A private physiologic laboratory connects with the general laboratory, provided with research library, and special instruments for use of instructors. The experimental work in pharmacology will be carried on in this laboratory.

The physiologic and pharmacologic departments are en suite with the animal operating room and animal hospital, making easy the preparation of animal experimentation under the best surroundings.

The professor has been provided a private laboratory for his personal use which has been fully equipped.

### THE ANIMAL OPERATING AND LABORATORY ROOM

An animal operating room has been equipped on the first floor for operation on living animals to demonstrate operative surgery, pharmacologic and physiologic changes and phenomena. Adjoining this room is the hospital with two ward rooms for the detention and convalescence of animals. This room is provided with cages and other equipment for proper keeping and feeding of animals for the laboratory.

### THE BACTERIOLOGIC LABORATORY

The bacteriologic laboratory is located on the third floor and has desks equipped with drawers, lockers, water, gas, bacteriologic apparatus, etc., sufficient to supply each student. The laboratory is furnished with incubators, sterilizer, and everything necessary to give a practical individual demonstration course in the nature, growth and pathologic properties of the principal micro-organisms. In addition to this equipment, improved electric centrifuge, auto-clave, moist chambers, etc., have been provided.

### THE CLINIC LABORATORY

This laboratory is supplied with the necessary chemical apparatus and reagents, sphygmomanometers, blood counting apparatus, microscopes, hemaglobinometers, dark ground illuminators, etc. Pathological material can be rapidly frozen, sectioned and stained for diagnosis. The laboratory is in charge of a paid instructor and is used by Senior and Junior students on assigned cases from the various clinics. The work here forms a valuable adjunct to the instruction given in the clinical courses.

The clinical laboratory has a large private laboratory in which the professor may continue his own private investigations without the interference with class work or without molestation of his apparatus.

### X-RAY LABORATORY

On the second floor, convenient to hospital and dispensary, is the X-ray laboratory, equipped with a good coil, and screen for short exposures and trans-illuminative study; plate illuminator, etc., insuring up-to-date instruction in the use of this important phase of diagnosis.

## PROJECTION APPARATUS

Desiring to give students every available teaching advantage, the faculty has secured for the Department the finest projection apparatus procurable—a combined Epidiascope and Episcopes, manufactured by Dr. Carl Zeiss, Jena, and imported at a large expense especially for this school. The instrument throws upon the screen the brilliantly illuminated image of all objects of a size to be placed within it. Cuts, plates, illustrations from books, drawings, models, physical apparatus, small plants and animals, pathologic and anatomical specimens, etc. It also projects lantern slides, micro-photographs, microscopical slides, hanging cultures of bacteria, etc. The instrument presents a wide range of applicability and will greatly increase the scope of illustrated teaching. There is also an Edinger Drawing and Projection apparatus for use in Histology, Pathology and Bacteriology. With the aid of this apparatus various slides can be shown with ease and rapidity. We consider this a most valuable addition to our laboratory equipment.

## MEDICAL LIBRARY

A large, spacious, well-lighted room on the third floor has been fitted up as a library. The library contains over 2,316 bound volumes and 216 duplicates, including the most modern text and reference books with the *Index Medicus*. In addition, there are about 200 unbound volumes, a large number of special and public health reports and reprints. The number of current journals in Medicine, Pharmacy, etc., are about 69. A complete index system has been installed and a librarian is regularly employed.

## COMBINATION COURSE FOR ACADEMIC AND MEDICAL DEGREES.

Courses required in the College of Arts and Sciences:

Mathematics—11f, 12w, 13s, *thirteen credits*; Chemistry—11, *twelve credits*; English—11, 24, *fifteen credits*; History—11f, 12ws, *nine credits*; Foreign Language (not the first year)—*nine credits*; Philosophy—11f, 12w, 13s, *nine credits*; Physics—17, *twelve credits*; English Bible—21f, 22w, 23s, *nine credits*; Biology—11, *nine*

*credits.* (A total of ninety-seven credits, which includes the pre-medical requirements also).

*Schedule.*—Candidates for the two degrees will follow the following fixed schedule, if entering from a high school; and if entering with advanced standing, will conform to the order given here as closely as possible. No substitutions or "equivalents" can be recognized.

FIRST YEAR	SECOND YEAR	THIRD YEAR
Mathem., 11f,12w,13s	Physics, 17	Philos., 11f, 12w, 13s
Biology, 11	English, 24	Anatomy, 2, 3, 4
English, 11	Bible, 21f, 22w, 23s	Bacteriology
Mod. Language	History, 11f, 12ws	
Chemistry, 11	Histol. and Embryol.	
	Anatomy, 1 (Osteol.)	
Credits 52	54	50
FOURTH YEAR	FIFTH YEAR	SIXTH YEAR
Sophomore Medical	Junior Medical	Senior Medical

### COURSE OF STUDY

The Course of Study, fully elaborated and tabulated, will be found in the Bulletin of the College of Medicine. Address T. C. U. College of Medicine, Fort Worth, Texas.

### SPECIAL STUDENTS

Post-graduate and special students, not candidates for the degree of Doctor of Medicine, are exempt from entrance requirements and will be admitted to any regular or special courses desired on satisfying the instructors in charge of their fitness to pursue the work. A tuition fee of \$50.00 will be charged, laboratory courses additional. Certificates will be issued on completion of special or regular courses.

### REQUIREMENTS FOR GRADUATION

An applicant for the degree of Doctor of Medicine must:

1. Be 21 years of age.

2. Be of good moral character.
3. Notify the Dean in writing by the 1st of April of the college year that he intends to take the final examinations.
4. Pay a final examination fee of \$25.000 at the time of notification.
5. Have previously met all matriculation and promotion requirements to the Senior class in this school.
6. Must have paid all fees in full before taking final examinations in Senior work, removed all conditions, completed the work of the Senior year, and passed the Senior examinations with a grade of not less than 70 per cent in any one subject.

If any student fails in, or refuses to take, any branch or branches of the four years' course, he will be considered ineligible to apply for graduation. No special examinations will be given on the work of the Senior year. Candidates who fail to pass satisfactory examinations in all branches of the Senior year will be required to repeat the entire Senior work before applying again for a degree and will be required to pass satisfactory examinations over the entire Senior work with the class with which they apply for graduation.

### EXAMINATIONS AND PROMOTIONS

Final examinations are held the last ten days of the scholastic year. The examinations will cover the work of the entire year. The order of these examinations will be posted, and no variations from same will be allowed except by permission of the Faculty. Promotions are based on grades made at these examinations. No student shall be considered eligible for final examination for credit in any course who has not been in actual attendance 80 per cent of the time allotted to such course.

Term examinations are not considered as final except wherein a course has been completed. All grades shall be designated by the following terms: Passed, conditioned and failure. A grade of 70 and above shall constitute a pass, one of 60 to 70 a condition, one below 60 a failure. No student shall be eligible to promotion who has failures or conditions amounting to 10 per cent of the total hours in the year's work. Students who have failed, that is,

have a grade below 60, in any subject, will be required to take the work over the following year.

Credit in any department shall be composite, that is, the student must have made suitable grades in both didactic and laboratory work before he can receive credit for that department. Memoranda records are kept of each individual course, both didactic and laboratory, and a failure in didactic or laboratory work shall not count as a failure in the total number of hours in that department, but as a failure or condition for the number of hours in the particular course in which he is deficient.

Examinations for removing deficiencies and securing advanced standing are held only at the beginning of the First Trimester. They are given but once, and no special examinations are later held. Schedule of time and place for these examinations is posted during the first week of each school year.

#### THE DEGREE CUM LAUDE

The degree of Doctor of Medicine, Cum Laude, is conferred upon the student of marked ability and high moral character, who shall have made an average of 90 per cent or more on all final examinations in all the subjects of the four-year course in this institution. Grades made in special examinations will not be considered.

#### HOSPITAL APPOINTMENTS

Through the courtesy of friends of this school the Faculty is able to offer internships in the hospitals enumerated below. In awarding them, the prize committee will not be governed wholly by the scholarship of the applicant, but will consider his general fitness for the position. Full information concerning these appointments may be had by applying to the Dean. Other appointments of this character will probably be offered before the close of the term.

#### SENIORS

St. Joseph's Infirmary, House Surgeon (2), Fort Worth, Texas.

Harris Sanitarium, Interne, Fort Worth, Texas.

St. Anthony's Sanitarium, Interne, Amarillo, Texas.

City and County Hospital, Fort Worth, Texas.

## EXPENSES

The wide range between actually necessary expenses and the amount one might spend in a medical course precludes exactness in preparing a statement of this kind. The figures given below are based upon the experience of a large number of students. A little more liberal expenditure of money will secure better accommodations; but for the figures used in this estimate wholesome food and comfortable lodgings can be obtained. The tuition, \$100.00, payable in advance, is the same for all students and is uniform for each of the four years of the medical course.

## ESTIMATE OF EXPENSES

Matriculation fee (paid but once).....	\$ 5.00
Tuition for a term of thirty-six weeks.....	100.00
Board and lodging for thirty-six weeks.....	150.00
Laundry .....	25.00
Incidentals .....	70.00
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Total.....	\$350.00

No allowance is made in this estimate for the purchase of textbooks. Every student, in making his financial arrangements at home, should provide himself with means to purchase one of the recommended texts for each of the branches he expects to study, and should purchase them at the time of matriculation. It is not infrequent that poor grades are directly traceable to the want of necessary books, made doubly essential since the method of teaching by lectures has given way to recitations.

## LABORATORY FEES

Students are required to deposit with the Registrar the following laboratory fees: Osteology, \$3.00; Chemistry, \$10.00; Pharmacy, \$5.00; Bacteriology, \$5.00; Histology, \$5.00; Physiology and Pharmacology, \$5.00; Neuro-Pathology, \$5.00; Pathology, \$5.00; Junior Clinic Laboratory, \$5.00; Senior Clinic Laboratory, \$5.00; Junior Surgical Laboratory, \$5.00.

## BOOKS

The books used as texts are the latest editions. Students do themselves injustice by purchasing old editions.

The following is a conservative estimate of the money necessary for the books, which may be obtained at Dean's office:

Freshman Year .....	\$40.00
Sophomore Year .....	40.00
Junior Year .....	40.00
Senior Year .....	55.00

## FEES FOR EXAMINATION

No fees are charged in this school for examination, except the finals in the fourth year. Students applying for graduation are required to pay an examination fee of \$25.00, which is not returnable in case applicant fails to pass. No fees will be charged for diploma.

## MISCELLANEOUS INFORMATION

Fort Worth is a delightful place of abode during the months of the school term. The climate is mild, and the winter sunshine very grateful to students who wish to avoid the rigors of a more northern latitude. The cost of living, as elsewhere stated, is moderate. Room rent varies from \$3.00 to \$5.00 per week, furnished, according to the distance from the business portion of the city.

In patronizing a home school, students should remember that there is a great saving in the one item of railroad fare alone, large enough in many instances to pay for all the books needed during the course, or to provide the most requisite surgical instruments with which to begin practice.

The Dean's office will be open from 8 a. m. until 1 p. m., and from 2 p. m. until 5 p. m., for the transaction of business. Students are requested to matriculate promptly, and to bring to the office all credentials bearing on the previous courses, in order that assignments may be made without unnecessary delay.

Students who contemplate entering the Freshman class and who desire information with reference to securing the Medical Students' Certificates mentioned on previous pages, should write to the Dean, who will take pleasure in giving them all necessary information.

A large list of boarding and rental houses is kept at the Dean's office for convenience of students, and information concerning this or any other school matter will be cheerfully furnished.

Address all correspondence to Dr. S. A. Woodward, Dean Medical Department, Texas Christian University, Medical College Building, Fort Worth, Texas.

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# THE ACADEMY

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## FACULTY

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CHARLES H. ROBERTS, A. M.,

*Principal and Professor of History.*

M. L. MUNDAY,

*Instructor in Mathematics.*

MRS. LENA GARDNER,

*Instructor in English and Mathematics.*

ROBERT J. CANTRELL, A. B.,

*Instructor in Latin.*

W. L. THORNTON, A. B.,

*Instructor in Science*

German, French, Spanish and other courses are taught by college professors in these departments.

### THE SCOPE OF THE ACADEMY WORK

In many sections of Texas and adjoining states, it is not practicable for young people to have the privilege of a high school course; in others the high school work, as carried on, is not satisfactory to parents. To meet the needs of persons in such circumstances, the Academy has been organized. It receives pupils who have finished the regular seventh grade, and offers them a course of instruction equal to that of the best high schools.

### DIPLOMA

On the completion of the Academy course the student receives a diploma that entitles him to enter the College of Arts and Sciences. The diploma stands for the same attainments in scholarship as does that of the best high schools of Texas.

### REQUIRED AND ELECTIVE COURSES

In the academy all courses in English, Mathematics, two years in History, three years in one Foreign Language or two years in each of two Foreign Languages, and the Elements of Physics are required. The other two and one-half, or one and one-half units, must be selected from other branches offered in the Academy, unless the equivalent has been completed in an affiliated school in which case any credits may be offered, which will be accepted for entrance into the Freshman class of the College of Arts.

### UNITS

Four hours of recitation weekly in any given branch throughout the session of three terms constitutes one "unit." Fourteen units are required for graduation in the Academy.

### COURSES OF INSTRUCTION

#### ENGLISH

A.—Grammar; Fall, Winter and Spring, 2 hours. Elementary Rhetoric and Classics; Fall, Winter and Spring, 2 hours.

Class Study: (f) Sketch Book, Deserted Village; (w) Lady of the Lake, Treasure Island; (s) Julius Caesar, The Coming of Arthur, Holy Grail, and the Passing of Arthur.

Home Study: (f) Old Testament Narratives, Christmas Carol; (w) Courtship of Miles Standish, Oliver Twist; (s) Pilgrim's Progress, Vicar of Wakefield, The Gold Bug. Mrs. Gardner.

*B.*—American Literature; Fall, Winter and Spring, 2 hours. Rhetoric and Composition; Fall, Winter and Spring, 2 hours. Classics throughout the year in connection with American Literature.

Class Study: (f) Washington's Farewell Address, Webster's Bunker Hill Oration, Selections from Lincoln's Addresses, Grady's New South; (w) Emerson's Essays, Poe's Poems, Macbeth; (s) Vision of Sir Launfal, Thanatopsis, Snowbound, Hiawatha, Chambered Nautilus, Selections from other American writers.

Home Readings: (f) House of Seven Gables, Poe's Selected Tales; (w) Franklin's Autobiography, Evangeline, Cotter's Saturday Night; (s) Oregon Trail, As You Like It, Southern Prose and Poetry. Mrs. Gardner.

*C.*—English Literature; Fall, Winter and Spring, 2 hours. Rhetoric and Composition; Fall, Winter and Spring, 2 hours. Classics throughout the year in connection with English Literature.

Class Study: (f) Hamlet, The Princess, Carlyle's Essay on Burns; (w) L'Allegro, Il Penseroso, and Comus, Prologue and the Knight's Tale; (s) Burke's Speech on Conciliation, the Iliad, Selections from Browning.

Home Readings: (f) Silas Marner, Macauley's Addison and Milton, Essays of Elia; (w) Twelfth Night, Ivanhoe; (s) Selections from Boswell's Life of Johnson. The Tempest. Mrs. Gardner.

*D.*—Spelling, required daily in connection with all classes in English. Special classes will be organized when necessary.

## HISTORY

Students who enter the Academy are supposed to have completed courses in the History of Texas and the History of the United States. The work in History as offered by the Academy, therefore, is limited to three years of required work.

A.—Ancient History; Fall, Winter and Spring, 4 hours. Myers' Revised Edition is used as the text, with note-books and library references. Mr. Roberts.

B.—Medieval and Modern History; Fall, Winter and Spring, 4 hours. Note-books and supplementary work required. Mr. Roberts.

C.—Civics; Fall, 5 hours. American History; Winter and Spring, 3 hours. Mr. Roberts.

D.—History of England; Winter and Spring, 3 hours. Mr. Roberts.

E.—Biblical History; Fall, Winter and Spring, 2 hours. Mr. Roberts.

### MATHEMATICS

A.—Elementary Algebra; Fall, Winter and Spring, 4 hours. Mr. Munday.

B.—Advanced Algebra; Fall, 5 hours. Plane Geometry; Winter and Spring, 3 hours. Mr. Munday.

C.—Plane Geometry; Fall, 5 hours. Mr. Munday.

D.—Plane Geometry; Fall, Winter and Spring, 4 hours. For students who have completed Algebra, but have had little or no Geometry. Mr. Munday.

### LATIN

A.—Smith's Latin Lessons; Fall, Winter and Spring, 4 hours. Extensive drill on forms; daily blackboard and oral exercises, together with original composition of Latin sentences. Mr. Cantrell.

B.—Caesar; Fall, Winter and Spring, 4 hours. Gunnison & Harley's Edition of the Text, Prose Composition and Grammar combined, together with stories from *Via Latina*. Mr. Cantrell.

C.—Cicero; Fall and Winter, 4 hours. Virgil's *Aeneid*; Spring, 4 hours. Gunnison & Harley Series of Text, Prose Composition and Grammar used in both courses; Two Latin Plays. Mr. Cantrell.

## GREEK

Two years of work in this department are offered to students of the Academy, this work serving as an introduction to both Classical and New Testament Greek. For particulars, see announcement of courses for the Department of Greek in the College of Arts and Sciences. Dr. Lockhart.

## GERMAN

A.—Essentials of German Grammar; Composition and reading of easy prose. Mrs. Sargent.

B.—Grammar, German syntax and more difficult composition. Reading of some three hundred pages of prose and poetry from modern writers. Mrs. Sargent.

## FRENCH

*Elementary Course.*—Thorough drill on the elements of French Grammar, pronunciation, dictation, translation of easy English into French, reading of selected short stories. Mrs. Sargent.

## SPANISH

*Elementary Course.*—Spanish Grammar, pronunciation, simple dictation, translation of easy English into Spanish, reading of easy Spanish texts.

## NATURAL SCIENCE

The courses in Natural Science in the Academy cover the same ground as do those of the best high schools. All classes have the advantages of charts, drawings, collections of specimens, and excellent laboratory facilities.

A.—Physiology; Fall, 5 hours. Physiography; Winter and Spring, 3 hours. Mr. Thornton.

B.—Elements of Physics; Fall, Winter and Spring, 3 hours text and 2 hours laboratory. Mr. Thornton.

C.—Elementary Physics, Laboratory; Fall, Winter and Spring, 1 hour text, 2 hours laboratory. Mr. Thornton.

## SOCIETY AND BIBLE SCHOOL CREDITS

All students who take two or more subjects in the Academy shall be classed as Academy students; provided such students as are conditional Freshmen, who have completed at least twelve units of Academy work, may be classed as Freshmen.

It is recommended that the University societies admit no more members except University students, and special students who have the same standing required of University students.

Specials not having the requirements of University students may become members of the Academy Literary Society.

All Academy students are expected to be active members of the Academy Literary Society, unless excused by the Principal. One-half unit will be allowed for Literary Society work. The amount and kind of work will be outlined by the Principal.

One-half unit will also be allowed for Bible School work while attending the Academy. The required work will be outlined by the Principal.

# OUTLINE OF WORK BY CONSECUTIVE YEARS

## ACADEMY

### FIRST YEAR

FALL TERM	WINTER TERM	SPRING TERM
Gram., Elem. Rhet. and Classics...	Gram., Elem. Rhet. and Classics...	Gram., Elem. Rhet. and Classics...
Ancient History .....	Ancient History .....	Ancient History .....
Physiology .....	Physiography .....	Physiography .....
Algebra .....	Algebra .....	Algebra .....
Foreign Language .....	Foreign Language .....	Foreign Language .....

### SECOND YEAR

FALL TERM	WINTER TERM	SPRING TERM
Rhetoric and American Literature.	Rhetoric and American Literature.	Rhetoric and American Literature.
Modern History .....	Modern History .....	Modern History .....
Biblical History .....	Biblical History .....	Biblical History .....
Algebra .....	Plane Geometry .....	Plane Geometry .....
Foreign Language .....	Foreign Language .....	Foreign Language .....

### THIRD YEAR

FALL TERM	WINTER TERM	SPRING TERM
Rhetoric and English Literature...	Rhetoric and English Literature...	Rhetoric and English Literature...
Civil Government .....	American History .....	American History .....
Elementary Physics .....	Elementary Physics .....	Elementary Physics .....
Plane Geometry .....	English History .....	English History .....
Foreign Language .....	Foreign Language .....	Foreign Language .....

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**MISCELLANEOUS  
INFORMATION**

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## PUBLICATIONS

## THE BULLETIN

The bi-monthly periodical is the official medium of communication between the school and its friends. One number is the annual Catalogue. The other numbers contain announcements; past and future happenings of interest to the patrons, news of Faculty changes, of the work of the churches for the school, the progress of Education Day, plans, improvements, etc. It is well filled with facts that the people ought to know, and told in a style readable and interesting.

*The Bulletin* will be mailed regularly to every friend who will indicate a desire for it. The University desires to keep its friends informed of its progress.

Besides *The Bulletin* and other matter issued by the University authorities, two periodicals reflecting the inner life and various activities of the school are published by the students: *The Skiff* and *The Horned Frog*.

## THE SKIFF

A weekly publication, popular in character, giving the news of the institution. The paper is growing in favor, and has one of the largest lists among college papers in the State of Texas.

## THE HORNEF FROG

This is the College "Annual," and comes from the press near the close of the session. It is a neat book of some two hundred and fifty pages, reflecting all sides of college life from its more serious phases to the jokes and pranks which grow out of warm friendship and good will. It is the one publication which the student feels he must take home with him. It serves as the best exhibit he can make to his friends of the inner life of the school, and in years to come it revives the most delightful memories of his college experiences.

## THE MICROBE

The medical College students also publish an excellent monthly journal known as the *Microbe*. It is one of the best college publications of its class.

## STUDENT ORGANIZATIONS

### ORATORICAL ASSOCIATION

The purpose of this association is to promote oratory in its best sense among its members, and, so far as may be, throughout the school. All oratorical contests are under its supervision, and it elects delegates to the State Oratorical Association, of which it is a member. Each student has the privilege at the time of matriculation of paying fifty cents to the University and receiving a ticket of admission to all oratorical events during the year.

### CHURCH ADVANTAGES

The city of Fort Worth has many great churches and Sunday schools, where every form of Christian activity is wisely directed under circumstances best suited to promote an intelligent faith, a consecrated life, and an efficient service. The Faculty uses every reasonable incentive to keep the students in close touch with these centers of religious work. Services are also held regularly at the University on Sunday evenings.

### STUDENTS' VOLUNTEER BAND

The band is composed of young men and women who are preparing for work in the foreign field. They have expressed a willingness to go wherever the Foreign Board may deem it best to send them. They meet weekly for the purposes of devotion, for intelligent study of the mission fields and for increasing missionary interest.

### Y. M. C. A.

Since its organization at Texas Christian University the Y. M. C. A. has been an important factor in college life. It has taken a firm hold on religious affairs, and has been helpful in every Christian work and in deepening spirituality among the students. The work of the Y. M. C. A. is undenominational. Its object is to promote spiritual growth, fellowship and strenuous Christian living among the men.

The Association meets once a week for devotional purposes and to consider questions of practical work among the students.

## Y. W. C. A.

This organization fills a place among the young women similar to that of the Y. M. C. A. among the young men. During the past year it has been especially active and has accomplished much good.

## THE MINISTERIAL ASSOCIATION

The Ministerial Association is an organization composed of students preparing for the ministry. It meets every Friday evening. Discussions of themes related to practical church work, sermons, etc., are held at these meetings. Occasional addresses are given by visitors. In this organization the more mature ministers assist the younger ones in obtaining work among the churches, and render all possible help in various other matters.

## LITERARY SOCIETIES

The University maintains five literary societies, the Add-Ran and the Shirley for college young men, the Clark and the Walton for the college young women, and the Roberts for preparatory students. These societies have their own halls, and from time to time render public programs. Their work is of the highest class.

## PRIZES

## SOCIETY PRIZES

1. *The T. E. Shirley Prize.* The former President of the Board of Directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.
2. *The J. T. McKissick Prize.* Mr. McKissick offers \$10.00 to the best worker in the Add-Ran Literary Society.
3. *Van Zandt Jarvis Prize.* A \$10.00 gold medal is given to the best worker in the Walton Literary Society.

## SCHOLARSHIPS

One free literary scholarship is awarded to the student making the highest record in the Senior Academy class, and in each class

of the College of Arts and Sciences. In making this award, proper account is taken of the student's general bearing and conduct.

### HIGH SCHOOL SCHOLARSHIPS

Two free literary scholarships are given to the honor graduates of any High School that is affiliated with the Texas Christian University—one scholarship to a young man and one to a young woman. The regular State list of affiliations is used.

### MALCOLM H. REED ORATORICAL PRIZE

Mr. M. H. Reed, of Austin, Texas, offers a beautiful solid gold watch to the winner of an inter-society oratorical contest. This contest has become one of the features of commencement week.

### THE R. H. GOUGH PRIZE

Dr. R. H. Gough, of Fort Worth, since the final award of the Gough cup last year, offers a \$25 gold medal to the successful contestant for the honor of representing Texas Christian University in the Inter-Collegiate State Oratorical Contest.

### THE BOYD-HEAD MEDAL

Drs. Frank Boyd and Wesley J. Head, of Fort Worth, offer a \$25 gold medal to the person doing the most efficient debating throughout the year's contests. Open to undergraduates doing the equivalent of twelve hours' college work.

### GENERAL PROFICIENCY PRIZE

This is awarded only to students who have taken all of their courses in this school, and is presented to the student making the highest percentage during the four years necessary to graduation. It will not be awarded except to students whose general average on final examinations is A+. Grades made in special or private examinations will not be considered. The prize is a handsome gold medal.

NOTE.—The prizes in the Medical Department are listed in the Announcement of the Medical College.

## RULES AND REGULATIONS

## MORALS AND DISCIPLINE

It sometimes happens that students, away from home for the first time and free from paternal authority and the restraining influence of home life, retrograde morally. Usually, we may add, the tendencies under changed conditions depend largely upon the stability of character as established by home training. The Faculty of Texas Christian University is pledged to make the morals of students a matter of prime concern.

Certain guiding principles are observed in administering the discipline of the school. These are held as fundamental and necessary in maintaining strong, consistent discipline. On the one hand, we recognize that right motive is the chief element in conduct, that self-discipline is the best of discipline, that the subtler influences of a healthful atmosphere and of a correct school sentiment must constitute the chief reliance for good government. On the other hand, there is a place for the strong arm of authority, and it will be exercised promptly and without apology when occasion demands.

The discipline proceeds upon the assumption that the students are gentlemen and ladies who are actuated by high motives and lofty ideals. They are not treated as children, but rather as young men and women who are responsible in a large measure for their own conduct. They are not burdened with many rules, but each one is expected to be a law unto himself, because he has arrived at the age when he is governed on the high ground of principle. A few regulations are intended chiefly as reminders of matters of propriety that grow out of the community life of a University that might be otherwise overlooked, even by well-meaning students.

Every effort is put forth to make the students' surroundings ideal by fostering the best influences. They are carefully guarded against the allurements of the city. Younger students will not be allowed to visit the city without permission, which will be withheld unless a good reason is offered. Standing accounts must not be contracted with merchants. In this we beg the co-operation of parents. Do not allow students an unnecessary amount of spending money.

Students finding it necessary to be out of the city must obtain leave of absence from the Dean.

Any student desiring to withdraw from the institution before the time for which he matriculated has expired, must report to the Dean before withdrawal. Should he leave without securing the Dean's consent, he is not entitled to a letter of honorable dismissal. The fact that he is not entitled to such a letter will be entered upon the permanent records of the University.

The spirit of the school is thoroughly democratic. No secret societies are allowed. Hazing is positively forbidden. Character and conduct, not clothes and money, determine the students' standing. Those working their way stand as well as any, if they are in other respects deserving. The students who are earning their way by doing janitor or dining-room service are usually among the best of students.

Every student on entering is required to sign a pledge that he will not engage in class rushing or in hazing, also that he will neither join, nor assist in organizing, any secret club or fraternity or society or any organization whatever not approved by the Faculty.

In order to represent the institution in any public contest as an athlete, an orator, or a debater, the student must conform to the scholarship requirements fixed by the organization under whose auspices the contest is held.

No student shall be permitted to represent his class, his society or any other organization, in any public way, who is not a bona fide student or who is under discipline for misconduct, for persistent non-attendance upon classes or for neglect of other school duties.

### ATHLETICS

The athletic interests of the University will be under the direction of Mr. Freeland, an excellent Christian gentleman, who is in every way most competent to lead this feature of college life. Every student will have free admission to all public games that will be played by University students in Fort Worth.

### ROOMING IN THE COLLEGE BUILDING

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. Students will not be received who board

or room in private homes without special permission. No student will be matriculated who disregards this ruling of the Board of Trustees. The financial needs of the school are such as to demand the full support of every patron—and every patron will receive fair compensation. Although frequent changing of rooms is discouraged, the faculty reserves the right to make such changes.

Any teacher reserving a room in either of the dormitories is expected to hold the room engaged until the end of the session and is required to board in the College. Rooms will not be furnished without board, nor board without rooms.

The school furnishes for each room a bed, including springs and mattress, a dresser table, wash-bowl and pitcher 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 knife, fork, spoon, plate, cup and saucer. Only one electric globe will be furnished each room, but another can be had by paying 50 cents extra per month.

#### ENDOWMENT

The Board of Trustees are practicing the most rigid economy compatible with efficient work; still they are greatly hampered by lack of money. The possibility of permanently doing real college work without endowment is no longer entertained by those who are conversant with the necessities of a modern college in the matter of men and equipment. If the question of endowment is pressed in the immediate future, it must be understood that necessity requires it. In the meantime any contribution to the endowment fund will be most thankfully received, and sacredly set apart for any special department indicated by the donor.

#### FORM OF REQUEST

The following form should be used by persons desiring to bequeath property to the University:

I hereby give and bequeath to Texas Christian University, located at Fort Worth, County of Tarrant, State of Texas, the sum of.....dollars, to be used (here state for what, if any, particular purpose, it is to be used. If the bequest is real estate it should be carefully described. Be particular about conforming to the laws of your State).

## EXPENSES

## TUITION

	Fall Term	Winter Term	Spring Term
College of Arts and Sciences.....	\$30.00	\$22.50	\$22.50
The Academy .....	28.00	21.00	21.00
College of Fine Arts:			
<i>Music</i> —Piano under Head of Department	56.00	42.00	42.00
Piano under Miss Wilson.....	48.00	36.00	36.00
Piano under Assistant.....	32.00	24.00	24.00
Violin, Mr. Cahoon.....	40.00	30.00	30.00
Voice, Mrs. Cahoon .....	60.00	45.00	45.00
Voice, Mr. Hamilton.....	40.00	30.00	30.00
Counterpoint or Harmony.....	28.00	21.00	21.00
Harmony class, not over four.....	16.00	12.00	12.00
History of Music.....	6.00	5.00	5.00
Sight singing .....	6.00	5.00	5.00
Teachers' Course, five lectures, last five weeks in Spring.....			10.00
<i>Oratory</i> —Private lessons, Miss Powell.....	40.00	30.00	30.00
Under Miss Mosey.....	32.00	24.00	24.00
<i>Art</i> —Painting and Drawing.....	30.00	22.50	22.50
China painting and firing.....	36.00	27.00	27.00
Free hand drawing.....	6.00	5.00	5.00
Art history .....	6.00	5.00	5.00
College of Business:			
Complete course in Accounting, Bank- ing, Commercial Law, Typewriting..	40.00	30.00	30.00
Complete Stenographic Course, Type- writing and Commercial Law.....	40.00	30.00	30.00
Both above courses combined.....	45.00	35.00	35.00
Typewriting alone .....	10.00	8.00	8.00
Banking alone .....	12.50	.....	.....

College of the Bible, see page 82.

College of Medicine, see page 130.

## BOARD AND ROOM

	Fall Term	Winter Term	Spring Term
Board . . . . .	\$64.00	\$48.00	\$48.00
Room rent . . . . .	24.00	18.00	18.00
Room rent, ministerial students in Goode Hall . . . . .	16.00	12.00	12.00

## FEES

*Fees*—Matriculation, Incidental, Athletic and Library fee paid by all regular literary and boarding students, \$10 for the Fall term, \$6 for the Winter term, and \$6 for the Spring term.

Piano practice, \$1.50 per school month for each hour per day.

Piano practice, unlimited time, \$5.00 per school month.

## Laboratory Fees:

Chemistry . . . . .	\$5.00 per term
Biology . . . . .	4.00 per term
Physics or Spectroscopy . . . . .	3.00 per term
Geology . . . . .	2.00 per term

Each student in Chemistry is required to make a deposit of \$5.00, and each student in Biology or Geology is required to make a deposit of \$2.50, to cover breakage. At the end of the year this deposit, less the amount of breakage, will be refunded.

A student, not taking a course in the College of Fine Arts, who takes less literary work than three subjects, will pay \$10.00 for Fall term, \$7.50 for Winter term, and \$7.50 for Spring term for each subject and no matriculation fee; but if he takes as much as three subjects in literary work, he is considered a regular literary student.

Students in the Colleges of Fine Arts and Business may take studies in the Literary Department at \$6.00 each for the Fall term and \$5.00 each for the Winter or Spring term.

A five (\$5.00) dollar trust fund is required from each student occupying a room in any college building for breakage or damage to the room or furniture, and will be returned or applied on account if at the end of the school year no damage appears.

The tuition fees in the College of Arts and Sciences and the Academy for children of ministers solely dependent upon the ministry for support are one-half regular rates.

Half time students in the Colleges of Fine Arts are charged 60 per cent of full rates.

Students taking full work in two subjects in the College of Fine Arts or double work in one subject in this College, or two students from one family, will receive 10 per cent discount on tuition. This discount applies only to tuition in the College of Fine Arts. Full work in any subject in Music or Oratory means two private lessons per week; in Painting, four lessons per week.

Discounts apply only to bills paid in full in ten days from date of bill.

Students having paid board for the term in advance, who leave before the end of the term under requirement of a physician approved by the University, will be charged board at proportional rate for the time up to and including the week of withdrawal, and the balance will be credited on later tuition. No refunds are made to students leaving before the end of any term, and no student is received for less than one term without previous agreement.

Students entering late in a term who seek full credit for work will pay full tuition, but board and room rent will be counted from date of entrance.

Students losing time in the Fine Arts College due to sickness of teacher will not receive a rebate if 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 change in course of study or dropping subjects during a term unless authorized by the Dean.

No reduction of fees is made for holidays. Charges are made by the term and not by the month, week or day. No reduction is made on board where a student does not take regular meals. If not regular a charge of 25 cents per meal will be made. Students who are not regular boarders must secure meal tickets at the office before entering the dining room. Students' parents, guardian, sister or brother entertained for one day in a term free. A charge of twenty-five (25) cents per meal will be made against any student for guests or friend.

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 rent 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. Parents are advised to deposit sufficient funds in the T. C. U. Bank for such expenses.

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

#### A WORD WITH PARENTS CONCERNING EXPENSES

Sometimes parents complain that it costs too much to send their children away to school, but generally this complaint grows out of the unnecessarily extravagant habits of students, which are permitted by parents. Students write home for money and parents respond when often it would be far better to refuse the request. Inexperienced boys and girls are very poor judges of the amount of money they need for spending, and some fritter away considerable sums in worse than needless ways. Money should be deposited with the school, and it will be paid out as ordered by the parent. Parents should not permit students to run accounts in the city and complain of the bills from the University. Parents and friends should not request shopping in city by students.

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**GRADUATES  
AND  
MATRICULATES**

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## GRADUATES, 1916

## BACHELOR OF ARTS (A. B.)

Bozeman, Pansy	Martin, Albert C.
Coldwell, Viola	Marshall, M. M.
Cox, John P.	Melton, Stilwell
Carson, Irene	Moseley, Ella Morrow
Cooper, Aubrey	McBride, James
Crain, James A.	McFarland, Lola
Fox, Raymond E.	McNamara, Jo W.
Frizzell, J. B.	Payne, Virgil
Goforth, Myrtle	Robbins, Ernestine
Hays, B. A.	Stevenson, W. I.
Jones, Horace	Thornton, W. L.
Luse, Venice	Little, Carl
Limbaugh, Denton	Tomlinson, T. Clyde

## MASTER OF ARTS (M. A.)

Cantrell, Robert J.	Cox, John P.
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## BACHELOR OF DIVINITY (B. D.)

Molina, Mateo Alvarez de

## DIPLOMA IN PIANO

Long, Erskine	Trueblood, Ruth
Morris, Gertrude	Whaley, Monette

## CERTIFICATE IN PIANO

Green, Pauline	Hendricks, Ida Jarvis
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## DIPLOMA IN ART

Hirt, George	Martin, Lottie
Long, Alice	Montgomery, Vida
Tanner, Anna Mae	

## CERTIFICATE IN ART

Gillespie, Hannah	Robinson, Thalma
McAtee, Sudie	Harris, Anna Lee

## DIPLOMA IN ORATORY

Brown, Lera

Grissom, Clyde

Keith, Maud

## CERTIFICATE IN ORATORY

Lindsay, Beuna

## DIPLOMA IN VOICE

Thompkins, Vestal

## CERTIFICATE IN VOICE

Andrews, Nannie Lou

Bell, Margaret

West, Hattielou

## DIPLOMA IN BUSINESS

Cook, Walter L.

Campbell, Ralph

Feemster, Roy F.

Green, Martin M.

Haden, Joel J.

Hancock, Glenn

Knox, Mrs. Frances

Little, Milus, Jr.

Mayhew, Katherine

McLoud, M. T.

Nunnallee, Rea

Walshall, Cora

Scherz, Albert

Richardson, Ernest

## ENROLMENT, 1915-16

## SENIORS

Merrie T. Bostick.....	Fort Worth, Texas
Pansy Bozeman .....	Bartlett, Texas
R. J. Cantrell .....	Fort Worth, Texas
John P. Cox.....	Hillsboro, Texas
Aubrey Cooper.....	Hale Center, Texas
Mrs. E. R. Cockrell.....	Fort Worth, Texas
Irene Carson .....	Mertzon, Texas
James A. Crain.....	Fort Worth, Texas
Viola Coldwell .....	Garland, Texas
H. B. Dabbs.....	Fort Worth, Texas
Irby W. Fires.....	Childress, Texas
Raymond E. Fox.....	Denton, Texas

John Bunyan Frizzell.....	Athens, Texas
Tom Paul Frizzell.....	Knox City, Texas
H. R. Garrett, Sr.....	Fort Worth, Texas
Myrtle Goforth.....	Fort Worth, Texas
Clyde Grissom.....	Haskell, Texas
Basil Augustus Hayes.....	Lott, Texas
Horace Jones.....	Fort Worth, Texas
John Keith.....	Dublin, Texas
Mrs. John W. Kinsey.....	Fort Worth, Texas
Denton Limbaugh.....	Fort Worth, Texas
Venice Luse.....	Fort Worth, Texas
Stilwell Melton.....	Allen, Texas
Mateo Alvarez de Molina.....	Fort Worth, Texas
Jo W. McNamara.....	Waco, Texas
Lola McFarland.....	Ladonia, Texas
James McBride.....	Fort Worth, Texas
Albert C. Martin.....	Fort Worth, Texas
Murray Mark Marshall.....	Hodgenville, Ky.
Jewell Matthews.....	Eden, Texas
Ella Morrow Moseley.....	Fort Worth, Texas
Roger Bentley Muse.....	McKinney, Texas
Virgil Payne.....	Estelline, Texas
Ernestine Robbins.....	Fort Worth, Texas
John Watson Shockley.....	Sylvatus, Va.
William Irving Stevenson.....	Cooper, Texas
H. B. Sutton.....	Mansfield, Texas
Walter L. Thornton.....	Thorp Spring, Texas
T. Clyde Tomlinson.....	Hillsboro, Texas
Carl Tittle.....	Mt. Vernon, Texas
James E. Willis.....	Plainview, Texas

### JUNIORS

V. Clyde Arnspeiger.....	Sherman, Texas
Batsell Baxter.....	Thorp Spring, Texas
Carrie Cassell.....	Fort Worth, Texas
Alden A. Evans.....	Fort Worth, Texas
John S. Faris.....	Weatherford, Texas
A. B. Fincher.....	Fort Worth, Texas

Mrs. Lena Gardner.....	Fort Worth, Texas
Irvin Hefner.....	Fort Worth, Texas
Frank Weldon Hightower.....	Fort Worth, Texas
Grace Jones.....	Kilgore, Texas
William Jones.....	Lancaster, England
Ophelia Lambert.....	Fort Worth, Texas
Ora Leveridge.....	East Bernard, Texas
L. L. Livsey.....	Elderville, Texas
Elna L. Martin.....	Athens, Texas
Winnie Lewis Mullican.....	McKinney, Texas
Minnie Proctor.....	Corsicana, Texas
Gayle Scott.....	Lamkin, Texas
Roberta Scott.....	Palestine, Texas
Mrs. Walter C. Sloan.....	Smithfield, Texas
Una Stark.....	Gainesville, Texas
Shirley Sweeney.....	Fort Worth, Texas
Tom Paul Sweeney.....	Fort Worth, Texas
Homer Tomlinson.....	Hillsboro, Texas
Lorena Wright.....	Elderville, Texas
Marguerite Walker.....	Killeen, Texas

## SOPHOMORES

Dorothy Agee.....	Sherman, Texas
Lemmie L. Armor.....	Eden, Texas
Mrs. Edwin Ray Bentley.....	Fort Worth, Texas
Auma Betts.....	Fort Worth, Texas
W. W. Blume.....	Fort Worth, Texas
Harry G. Bradford.....	Marshall, Texas
Hugh Brewster.....	Fort Worth, Texas
N. E. Branton.....	McDade, Texas
H. B. Brous.....	Granbury, Texas
Mary Biggerstaff.....	Childress, Texas
N. E. Buster.....	Fort Worth, Texas
Jo W. Camp.....	Midland, Texas
Kate Casteel.....	Fort Worth, Texas
Maud L. Cunningham.....	Dublin, Texas
Milton Sumpter Dunning, Jr.....	Lake Charles, La.
Nora E. Darwin.....	Fort Worth, Texas

Christine DeVitt.....	Fort Worth, Texas
Margaret Forsyth.....	McKinney, Texas
Mary Louise Foster.....	Fort Worth, Texas
R. D. Gage.....	Fort Worth, Texas
George Herd.....	Fort Worth, Texas
W. B. Higgins.....	Fort Worth, Texas
Radford Howard.....	Quanah, Texas
Glenn Hutton.....	Grand Junction, Colo.
Lafay Hull.....	Milford, Texas
Mollie Jones.....	Walter, Okla.
Alf Irby.....	Weatherford, Texas
R. E. Jackson.....	Cresson, Texas
Lucy Kelso.....	Fort Worth, Texas
Margaret Kennedy.....	Fort Worth, Texas
Minnie Mae King.....	Hamlin, Texas
Bruce Knight.....	Grand Junction, Colo.
Hallye Kouns.....	Fort Worth, Texas
Ethel Lanier.....	Valley View, Texas
Myrtle Lanier.....	Valley View, Texas
Ivy L. Lay.....	Dallas, Texas
Winnie Limbaugh.....	Fort Worth, Texas
Aubrey Leveridge.....	East Bernard, Texas
D. McCarroll.....	Fort Worth, Texas
Carroll McConnell.....	Palo Pinto, Texas
Logan Martin.....	Royse City, Texas
John H. Monk.....	Fort Worth, Texas
Willis McGregor.....	Fort Worth, Texas
Ruth McFadin.....	Austin, Texas
J. B. Needham.....	Joshua, Texas
Ethel Osborne.....	Fort Worth, Texas
May Owen.....	Marlin, Texas
Pauline Polk Potts.....	Fort Worth, Texas
Anna Jo Pendleton.....	Vernon, Texas
Oscar Viers Petty.....	Louisa, Va.
Otis M. Ramsey.....	Garland, Texas
Clara Russell.....	Fort Worth, Texas
M. A. Shaver.....	Lipan, Texas
Keener Stark.....	Fort Worth, Texas
Annie Smith.....	Gunter, Texas

William Riley Snow.....	Fort Worth, Texas
Calvin Lester Sowell.....	Elgin, Texas
Lorine Scott.....	Palestine, Texas
Eugene Sewell.....	Jacksboro, Texas
Lucile Throckmorton Shirley.....	Fort Worth, Texas
Ruth Stone.....	Celina, Texas
May Bettie Taylor.....	Fort Worth, Texas
Pauline Teddlie.....	Fort Worth, Texas
Guy Tittle.....	Mt. Vernon, Texas
David K. Tudor.....	Pecos, Texas
T. W. Wade.....	Fort Worth, Texas
Marguerite G. Walker.....	Fort Worth, Texas
Howard M. Walker.....	Killeen, Texas
Verba Watson.....	Stephenville, Texas
Claude Wingo.....	Fort Worth, Texas
Grace Wilmeth.....	Ebony, Texas

## FRESHMEN

Lillie Jewell Allen.....	Fort Worth, Texas
Essie Aiken.....	Marfa, Texas
David Allgood.....	Fort Worth, Texas
Lena Alexander.....	Garland, Texas
J. P. Agerton.....	Fort Worth, Texas
Floy Agnew.....	Bonham, Texas
Russell Anderson.....	Lamkin, Texas
Grace Barlow.....	Houston, Texas
W. S. Baugh.....	Rogers, Texas
Fay Barron.....	Rotan, Texas
Elsie Baxter.....	Brownwood, Texas
Elva Baxter.....	Brownwood, Texas
Lela Bates.....	Odessa, Texas
Julian Lee Bivins.....	Amarillo, Texas
Bernice Board.....	Fort Worth, Texas
Agnes C. Byrne.....	Fort Worth, Texas
Chas. A. Butts.....	Wichita Falls, Texas
Grace Bailey.....	Holland, Texas
Ethel Biggerstaff.....	Childress, Texas
Elizabeth Beck.....	Hansford, Texas
Cora Sue Cole.....	Dallas, Texas

L. Bowman Craven.....	Fort Worth, Texas
Ruby Crady.....	Fort Worth, Texas
Inez Cowan.....	Covington, Texas
Lawrence Chéek.....	Fort Worth, Texas
Ruby Douglas.....	Cleburne, Texas
Lyman Davis.....	McKinney, Texas
George D. Dickinson.....	Okolona, Ark.
P. E. Dillman.....	Fort Worth, Texas
Mary Elizabeth Dickinson.....	Fort Worth, Texas
Fannie Darter.....	Fort Worth, Texas
W. B. Dobson.....	Fort Worth, Texas
Jennie Mae Dowdy.....	Hondo, Texas
Una Dryden.....	Fort Worth, Texas
Lorraine O. Dutton.....	Hillsboro, Texas
Letha Easterwood.....	Temple, Texas
Joe Edens.....	Hillsboro, Texas
Ethel Edwards.....	Fort Worth, Texas
Wiley Finney.....	Fort Worth, Texas
Shelby S. Faulkner.....	Eddy, Texas
Wm. M. Green.....	Fort Worth, Texas
Ida Grejnes.....	Fort Worth, Texas
Tommie Glover.....	Benjamin, Texas
Louise Gardner.....	Fort Worth, Texas
Claud Grady.....	Temple, Texas
Bernice Holmes.....	Galveston, Texas
Emory Humphreys.....	Fort Worth, Texas
Marshall W. Hollingsworth.....	Fort Worth, Texas
Inez Hudgins.....	Forney, Texas
Mary Hefner.....	Forney, Texas
Lillian Jackson.....	Fort Worth, Texas
Ulmont Johnson.....	Fort Worth, Texas
Peyton S. Jones.....	Jacksboro, Texas
Roy R. Jones.....	Springtown, Texas
Henry W. Lawrence.....	Fort Worth, Texas
Harry F. Lee.....	Fort Worth, Texas
Claud Kornegay.....	Hamilton, Texas
Clara Kaye.....	Fort Worth, Texas
John Porter King.....	Fort Worth, Texas
Irene Kitchen.....	Fort Worth, Texas

Lilla Belle Lewellyn.....	Fort Worth, Texas
J. H. Leveridge.....	East Bernard, Texas
Ava Lee Mars.....	Fort Worth, Texas
Wm. Preston Malone.....	Caddo, Okla.
W. M. Moore.....	Fort Worth, Texas
M. L. Munday.....	Munday, Texas
Orlena McKenna.....	Fort Worth, Texas
Logan McKinsey.....	Fort Worth, Texas
John Nelson.....	Mangum, Okla.
Irene O'Neill.....	Fort Worth, Texas
Paul Pirkle.....	Fort Worth, Texas
Gladys Parker.....	Fort Worth, Texas
John J. Pettus.....	Moran, Texas
Marguerite Riter.....	Forney, Texas
Elizabeth Radford.....	Quanah, Texas
Morticia Reynolds.....	Fort Worth, Texas
Janie Russell.....	Fort Worth, Texas
W. V. Rumph.....	Mansfield, Texas
Maggie Ross.....	Fort Worth, Texas
Virgie Rouer.....	Fort Worth, Texas
Ireta Robison.....	Forney, Texas
Lucile Routh.....	Trenton, Texas
Whitt Smith.....	Fort Worth, Texas
Leola Sherrill.....	Greenville, Teas
Thelma Smith.....	Vernon, Teaxs
Charles Sanders.....	Whitewright, Texas
W. Lewis Storey.....	Midland, Texas
Dudley Smith.....	Leesville, La.
Carrie Smith.....	Fort Worth, Texas
B. S. Smiser.....	Dallas, Texas
Burford Sharpe.....	Fort Worth, Texas
Bess Shipe.....	Fort Worth, Texas
Ray Hamilton Skaggs.....	Winters, Texas
Celeste Varnelle.....	Hillsboro, Texas
W. F. Sweet.....	Fort Worth, Texas
Marguerite Utley.....	Fort Worth, Texas
Gracie Vaughan.....	Fort Worth, Texas
Frances VanZandt.....	Fort Worth, Texas
Marguerite Vorhies.....	Fort Worth, Texas

Nathan White.....	Uvalde, Texas
Henry Wolcott.....	Midland, Texas
Pearl White.....	Fort Worth, Texas
Frieda Wirtz.....	Fort Worth, Texas
Thomas Edgar Winford.....	Lynn, Ark.
Errett Williams.....	King City, Mo.
Abigail Willingham.....	Rotan, Texas
Daisy Belle Waits.....	Cynthiana, Ky.
Florence Young.....	Fort Worth, Texas
William A. Yelderman.....	Oakwood, Texas

## UNCLASSIFIED

Riley Aiken.....	Marfa, Texas
J. O. Andrews.....	Fort Worth, Texas
D. F. Austin.....	Fort Worth, Texas
Nona Bogeman.....	Hillsboro, Texas
D. Bronstein.....	Fort Worth, Texas
N. E. Buster.....	Fort Worth, Texas
Willie Carnes.....	
Lewis Casperson.....	Fort Worth, Texas
Jeff Christal.....	Decatur, Texas
Boyd Clayton.....	Springfield, Tenn.
Gates Collier.....	Dallas, Texas
Carrie C. Correll.....	Schneider, Ind.
F. M. Chaney.....	Fort Worth, Texas
Ordis Davidson.....	Fort Worth, Texas
R. L. Dewees.....	Fort Worth, Texas
W. D. Dilbeck.....	Fort Worth, Texas
Lena Dunlavy.....	Fort Worth, Texas
Mrs. E. L. Goodman.....	Fort Worth, Texas
Mamie E. Gray.....	Fort Worth, Texas
Mattie E. Gray.....	Fort Worth, Texas
Gussie Green.....	Fort Worth, Texas
Caroline Gurney.....	Kingfisher, Okla.
Mrs. Colby D. Hall.....	Fort Worth, Texas
Robert K. Hanger.....	Fort Worth, Texas
Benjamin F. Hearne.....	Fort Worth, Texas
Alice Hunter.....	Handley, Texas
E. E. Huntsberry.....	Fort Worth, Texas

Myrtle Ingham .....	Midland, Texas
A. A. Kelley .....	Stephenville, Texas
Jesse J. Kelley .....	Stephenville, Texas
Cora Leonard .....	Fort Worth, Texas
Katherinè Murray .....	Fort Worth, Texas
Blanche McVeigh .....	Fort Worth, Texas
J. C. Mann .....	Fort Worth, Texas
Homer T. Moore .....	Fort Worth, Texas
Elizabeth Nelson .....	Fort Worth, Texas
Clinton Newman .....	Fort Worth, Texas
J. W. Norwood .....	Burleson, Texas
Everett R. Rust .....	Ranger, Texas
Ruby Jane Smith .....	Fort Worth, Texas
Alma Sutton .....	Mansfield, Texas
Lyla Stephens .....	Fort Worth, Texas
Willis Stovall .....	Mangum, Okla.
F. W. Strong .....	Fort Worth, Texas
Vera Tyson .....	Big Springs, Texas
R. H. Tucker, Jr. ....	Fort Worth, Texas
W. E. Umbarger .....	Fort Worth, Texas
Lila B. Wessendorf .....	Fort Worth, Texas
H. M. Wingfield .....	Martinsville, Va.
Mary Ward .....	Midland, Texas
Stella Walters .....	Joshua, Texas
C. T. Womack .....	El Dorado, Texas
Emma Quillian .....	Fort Worth, Texas
F. I. Smith .....	Fort Worth, Texas

## LAW STUDENTS

Bevie F. Biggers .....	Waxahachie, Texas
Jewell N. Baldwin .....	Cleburne, Texas
Wm. Edker Baldwin .....	Cleburne, Texas
E. P. Croarkin .....	Fort Worth, Texas
Chas. Wilkes Christenberry .....	Hubbard City, Texas
Leslie H. Dowe .....	Pearsall, Texas
C. B. Gunter .....	Brandon, Texas
J. E. Humphries .....	Fort Worth, Texas
George B. Monnig .....	Fort Worth, Texas

R. D. Martin.....	Fort Worth, Texas
Jesse Martin.....	Fort Worth, Texas
Jesse Arna Raley.....	Bryson, Texas
W. L. Ramey.....	Chillicothe, Texas
Herron H. Skaggs.....	Fort Worth, Texas
Howard S. Vaughan.....	Fort Worth, Texas
L. O. Woodward.....	San Angelo, Texas
Karle C. Young.....	Fort Worth, Texas

## FINE ARTS

Sannie Andrews.....	Fort Worth, Texas
Nannie Lou Andrews.....	Fort Worth, Texas
Velma Armstrong.....	Fort Worth, Texas
Mrs. H. O. Anderson.....	Fort Worth, Texas
Margaret Austin.....	Fort Worth, Texas
Sophia Bahan.....	Fort Worth, Texas
Margaret Bell.....	Fort Worth, Texas
Marian Blanchard.....	Nashville, Tenn.
Margaret Booth.....	Fort Worth, Texas
Gladys Blassingame.....	Rising Star, Texas
Geneva Bradley.....	Fort Worth, Texas
Mrs. W. H. Batson.....	Fort Worth, Texas
Lera Brown.....	Garland, Texas
Grace Brown.....	Llano, Texas
Marian Baugh.....	Rogers, Texas
Beulah Bell.....	Fort Worth, Texas
Pauline Bryan.....	Fort Worth, Texas
Aytchie Chism.....	Grapevine, Texas
Gwendolyn Chambers.....	Sanger, Texas
Marie Clendenen.....	Fort Worth, Texas
Delia Cobb.....	Fort Worth, Texas
Dura Louise Cockrell.....	Fort Worth, Texas
Artie Belle Cummins.....	Haskell, Texas
Mrs. Boyd Clayton.....	Springfield, Tenn.
Katherine Daffron.....	Fort Worth, Texas
Gay Davidson.....	Fort Worth, Texas
Myrl Davidson.....	Fort Worth, Texas
Florence Gertrude Davies.....	Big Springs, Texas
Lucile Durrett.....	Fort Worth, Texas

Dessa Dreeben.....	Big Springs, Texas
Lola Edwards.....	Fort Worth, Texas
Mrs. W. L. Evans.....	Fort Worth, Texas
Hattie Faught.....	Snyder, Texas
Mrs. P. H. Foster.....	Fort Worth, Texas
Ruby Francis.....	Seymour, Texas
Elsie Foster.....	Fort Worth, Texas
Paulien Green.....	Thorp Spring, Texas
Mrs. Eva Gebhart.....	Cleburne, Texas
Hannah Gillespie.....	Fort Worth, Texas
Ellen Hartgrove.....	Millersview, Texas
Anna Lee Harris.....	Fort Worth, Texas
Mary Harris.....	Comanche, Texas
Alice Hills.....	Vernon, Texas
Mary E. Hogle.....	Fort Worth, Texas
Jean Howard.....	Fort Worth, Texas
Ida Jarvis Hendricks.....	San Angelo, Texas
Mrs. M. W. Hurdleston.....	Fort Worth, Texas
Ahta Harris.....	Fort Worth, Texas
George Hirt.....	Cleburne, Texas
Mary Ingalls.....	Fort Worth, Texas
Masal Jeffers.....	Palmer, Texas
Ruby Jones.....	Lubbock, Texas
Florence Peak Jones.....	Fort Worth, Texas
Mrs. W. Jorgenson.....	Fort Worth, Texas
Maud Keith.....	Fort Worth, Texas
M. M. Knight.....	Fort Worth, Texas
Mrs. S. Kinnaird.....	Fort Worth, Texas
Cynthia Lockhart.....	Austin, Texas
Alice Long.....	Gainesville, Texas
Erskine Long.....	Gainesville, Texas
Alice Lemoine.....	Fort Worth, Texas
Beuna Lindsay.....	Fort Worth, Texas
Lottie Martin.....	Fort Worth, Texas
Mrs. W. W. Mars.....	Fort Worth, Texas
Janice Massie.....	Fort Worth, Texas
Anna Mae Miles.....	Fort Worth, Texas
Mrs. Fred Moore.....	Fort Worth, Texas
Esther Moore.....	Greenville, Texas

Mollie Montgomery .....	Fort Worth, Texas
Vida Montgomery .....	McLean, Texas
Sudie McAtee .....	Fort Worth, Texas
Gertrude Morris .....	Fort Worth, Texas
Vera McKinnon .....	Keechi, Texas
Orlena McKenna .....	Fort Worth, Texas
Mary Snow McKinsey .....	Fort Worth, Texas
Anna McLendon .....	Dallas, Texas
Carrie McKinley .....	Fort Worth, Texas
Norine Neale .....	Grand Saline, Texas
Jacqueline Norwood .....	Hope, Ark.
Bethny Overmeir .....	Aledo, Texas
Mary M. Orrick .....	Fort Worth, Texas
Rosalyn Petta .....	Fort Worth, Texas
Margaret Pettus .....	Moran, Texas
Adele Patterson .....	Fort Worth, Texas
Bess Perry .....	Knox City, Texas
Kitty Lou Poole .....	Fort Worth, Texas
Jessie Lee Portwood .....	Seymour, Texas
Thelma Robinson .....	Fort Worth, Texas
Velma Reeves .....	Girard, Texas
Johnie Rylie .....	Kaufman, Texas
Gladys Richards .....	Italy, Texas
Rhea Smith .....	Fort Worth, Texas
Lily Smith .....	Hollis, Okla.
Cleo Self .....	Cleburne, Texas
Mrs. W. I. Stevenson .....	Cooper, Texas
Mrs. Ben M. Terrell .....	Fort Worth, Texas
Mrs. Albert Tankersley .....	Fort Worth, Texas
Anna Mae Tanner .....	Fort Worth, Texas
Ruth Trueblood .....	Memphis, Texas
Vestal Thompkins .....	Granite, Okla.
Vorine Varnelle .....	Hillsboro, Texas
Katie Weirauch .....	Fort Worth, Texas
Franc E. Watkins .....	Deming, N. M.
Mamie Watson .....	Okolona, Ark.
Monette Whaley .....	Wheatland, Texas
Birdie Williams .....	Henderson, Texas
Hattielue West .....	Cleburne, Texas

Ruby Carleton Walker.....	Fort Worth, Texas
Mrs. Sayo Yamada.....	Fort Worth, Texas

## ACADEMY

## CLASS A

Fay Barron.....	Rotan, Texas
Mance Bomar.....	Crowell, Texas
James Callan.....	Fort Worth, Texas
Donald Davies.....	Fort Worth, Texas
Thadions Howard Farmer.....	Fort Worth, Texas
George W. Gray.....	Hamlin, Texas
Blanche Hunter.....	Fort Worth, Texas
Rose McCaffney.....	Fort Worth, Texas
George Hamilton Parr.....	Fort Worth, Texas
Fred Rankin.....	Bardwell, Texas
Fannie Rankin.....	Bardwell, Texas
Jesus Rivera.....	Laredo, Texas
Eddie Stangl.....	Fort Worth, Texas
Samuel H. Stapleton.....	Fort Worth, Texas
Frank Tempel.....	Fort Worth, Texas
Winnie Wingo.....	Gouldbusk, Texas
Harry Yesley.....	St. Louis, Mo.

## CLASS B

L. F. Briggs.....	Fort Worth, Texas
Bettie Sue Blackburn.....	Longview, Texas
Lois Carpenter.....	Plano, Texas
W. E. Chalmers.....	Fort Worth, Texas
Edwin A. Elliott.....	Belton, Texas
Elizabeth C. Fouts.....	Fort Worth, Texas
Ethel Johnson.....	Albany, Texas
Gilbert E. LaBeaume.....	Fort Worth, Texas
John H. Luck.....	Cleburne, Texas
Ophelia Meyer.....	Emory, Texas
Myrtle Penick.....	Rule, Texas
James Thompson.....	Fort Worth, Texas
Katherine Thompson.....	Fort Worth, Texas

Allanette Wells	Fort Worth, Texas
Thomas F. Wiesen	Fort Worth, Texas
Faye Yates	Lampasas, Texas
William P. Lesley	St. Louis, Mo.

## CLASS C

Fred W. J. Albrecht	Fort Worth, Texas
Elizabeth Abböt	Fort Worth, Texas
Katherine Broadley	Fort Worth, Texas
Bennie-Ruth Clements	Milford, Texas
Chas. Floyd Chambers	Everman, Texas
Bert B. Douglas	Munday, Texas
Lois Eldredge	Fort Worth, Texas
Ruth Ford	Fort Worth, Texas
Lena Gilbert	Amarillo, Texas
Jack Hammond	Red Oak, Texas
Baldwin Haston	Los Angeles, Cal.
John B. Hawley	Fort Worth, Texas
Gerald Hunter	Fort Worth, Texas
Martha Ingalls	Fort Worth, Texas
Lela Johnson	Albany, Texas
Lillian Knox	Fort Worth, Texas
Alexander Kornegay	Mangum, Okla.
Della Leveridge	East Barnard, Texas
James Leonard Ligon	Red Oak, Texas
Bernice Lamberson	Royse City, Texas
Marcus Homer Peek	Paradise, Texas
Lon Little Smith	Comanche, Texas
Thomas Taylor	Fort Worth, Texas
Cora Lee Willis	Burkburnett, Texas
Mary Frances Williams	King City, Mo.

## COLLEGE OF BUSINESS

Elizabeth Bridgeman	Fort Worth, Texas
Walter L. Cook	Gainesville, Texas
Russell Carpenter	Planö, Texas
Ralph Campbell	Lamkin, Texas
Otto Deats	Albany, Texas

W. A. Dickerson.....	East Bernard, Texas
Tom Dowell.....	Royse City, Texas
J. E. Dycus.....	Fort Worth, Texas
Roy F. Feemster.....	Fort Worth, Texas
Martin M. Green.....	Oklahoma City, Okla.
Hattie Herm.....	Hermleigh, Texas
Noel R. Henderson.....	Nocona, Texas
Joel J. Haden.....	Blooming Grove, Texas
Wade House.....	Benjamin, Texas
Glenn Hancock.....	Jayton, Texas
William B. Jetton.....	Mansfield, Texas
Mrs. F. Knox.....	Fort Worth, Texas
William Lindsey.....	Iowa Park, Texas
Milus Little, Jr.....	Laredo, Texas
Katherine Mayhew.....	Fort Worth, Texas
Jackson Massie.....	Brad, Texas
Malcolm Terrell McLoud.....	Kingsville, Texas
Bowlden Moorehouse.....	Benjamin, Texas
Coleman Moorehouse.....	Benjamin, Texas
Rea Nunnallee.....	Van Alstyne, Texas
Blanche Patterson.....	Olney, Texas
Rankin Peters.....	Sabinal, Texas
Rhea Pannell.....	Benjamin, Texas
Ernest Richardson.....	Snyder, Texas
Morrison Sams.....	Benjamin, Texas
Ira M. Smiser.....	Atoka, Okla.
Albert Scherz.....	Timpson, Texas
Jack N. Taylor.....	Van Alstyne, Texas
Daisy Violet Whaley.....	Fort Worth, Texas
Robert T. Weaver.....	Timpson, Texas
Doyle Wilson.....	Princeton, Texas
Cora Walthall.....	Fort Worth, Texas

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### DOMESTIC SCIENCE

Adelle Bunch.....	Fort Worth, Texas
Dona Lee Calvin.....	Fort Worth, Texas
Kathleen Leslie Combs.....	Fort Worth, Texas
Lillian Durrett.....	Fort Worth, Texas

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Juanita Maxson.....	Fort Worth, Texas
Mrs. J. R. Halsell.....	Fort Worth, Texas
Frankie Miller.....	Fort Worth, Texas
Mrs. R. L. Miller.....	Fort Worth, Texas
Mrs. E. T. Moore.....	Fort Worth, Texas
Mrs. S. C. Rowe.....	Fort Worth, Texas
Mrs. C. H. Roberts.....	Fort Worth, Texas
Florence Smith.....	Fort Worth, Texas
Lucile Toogood.....	Fort Worth, Texas
Alfa Williams.....	Fort Worth, Texas

## SUMMARY

College of Arts and Sciences:		Net Enrollment.
Seniors .....	42	
Juniors .....	26	
Sophomores .....	71	
Freshmen .....	108	
Unclassified .....	54	301
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Law Students .....	31	
Classified elsewhere .....	14	17
<hr/>		
Academy, Class A.....	16	
Class B .....	17	
Class C .....	25	
Irregular and special.....	49	
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	107	
Classified elsewhere .....	49	58
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College of Fine Arts.....	170	
Classified elsewhere .....	61	109
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College of Business .....	43	
Classified elsewhere .....	6	37
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College of the Bible .....	41	
All listed elsewhere .....	.....	
Domestic Science .....	25	
Classified elsewhere .....	11	14
Medical College .....		53
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Net enrollment .....		589
Summer Normal .....		121
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Total enrollment.....		710

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