

**TEXAS CHRISTIAN
UNIVERSITY**
FORT WORTH, TEXAS

Catalogue for 1943-1944
WITH ANNOUNCEMENTS OF COURSES AND FACULTY
For 1944-1945

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

AN IDEAL EDUCATION

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

—Luke 2:52

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CALENDAR

1944

| JANUARY | | | | | | | FEBRUARY | | | | | | | MARCH | | | | | | | APRIL | | | | | | | | |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|-------|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | |
| | | | | | | 1 | | | | 1 | 2 | 3 | 4 | 5 | | | | 1 | 2 | 3 | 4 | | | | | | | 1 | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 27 | 28 | 29 | 26 | 27 | 28 | 29 | 30 | 31 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | |

| MAY | | | | | | | JUNE | | | | | | | JULY | | | | | | | AUGUST | | | | | | | | |
|-----|----|----|----|----|----|----|------|----|----|----|----|----|----|------|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|--|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | |
| | | | | | | 1 | | | | | | 1 | 2 | 3 | | | | | | | 1 | | | | | | | 1 | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | |
| 28 | 29 | 30 | 31 | 25 | 26 | 27 | 28 | 29 | 30 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 27 | 28 | 29 | 30 | 31 | |
| | | | | | | | | | | | | | | 30 | 31 | | | | | | | | | | | | | | |

| SEPTEMBER | | | | | | | OCTOBER | | | | | | | NOVEMBER | | | | | | | DECEMBER | | | | | | | | | |
|-----------|----|----|----|----|----|----|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----|--|---|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | | |
| | | | | | | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | 1 | 2 | 3 | 4 | | | | | | | 1 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 29 | 30 | 31 | 26 | 27 | 28 | 29 | 30 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | |
| | | | | | | | | | | | | | | | | | | | | | 31 | | | | | | | | | |

1945

| JANUARY | | | | | | | FEBRUARY | | | | | | | MARCH | | | | | | | APRIL | | | | | | | | | | |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|-------|----|----|----|----|----|----|-------|----|----|----|----|----|----|--|--|--|---|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | | | |
| | | | | | | 1 | | | | | | 1 | 2 | 3 | | | | | | | 1 | 2 | 3 | 4 | | | | | | | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | |
| 28 | 29 | 30 | 31 | 25 | 26 | 27 | 28 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 29 | 30 | | | | | | | | |

| MAY | | | | | | | JUNE | | | | | | | JULY | | | | | | | AUGUST | | | | | | | | | |
|-----|----|----|----|----|----|----|------|----|----|----|----|----|----|------|----|----|----|----|----|----|--------|----|----|----|----|----|----|--|--|---|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | | |
| | | | | | | 1 | | | | | | 1 | 2 | | | | | | | 1 | 2 | 3 | 4 | | | | | | | 1 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | |
| 27 | 28 | 29 | 30 | 31 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 29 | 30 | 31 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | | | | |

| SEPTEMBER | | | | | | | OCTOBER | | | | | | | NOVEMBER | | | | | | | DECEMBER | | | | | | | | | |
|-----------|----|----|----|----|----|----|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----|----|----|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | | | |
| | | | | | | 1 | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | 1 | 2 | 3 | | | | | | | 1 | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 28 | 29 | 30 | 31 | 25 | 26 | 27 | 28 | 29 | 30 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | 30 | 31 | | | | | | | | |

CALENDAR

November 1, 1944, to October 23, 1945

The plan to include three trimesters of sixteen weeks each within the calendar year began July 1, 1943. Data relating to the Summer-Fall trimester, July 2 to October 23, 1945, will be included in a separate bulletin.

WINTER TRIMESTER

November 1 to February 27

| | |
|--|-----------------------------|
| Enrollment of all students..... | Wed., Thurs., November 1, 2 |
| (Details regarding the routine of registration will be furnished upon request.) | |
| First meeting of M. W. F. classes..... | Fri., November 3 |
| (Admit to class card required of each student.) | |
| First meeting of T. T. S. classes..... | Sat., November 4 |
| (Admit to class card required of each student.) | |
| Mid-Trimester examinations close..... | Wed., December 20 |
| Close for Christmas holidays, 1:00 P. M..... | Wed., December 20 |
| Classes resume after holidays, 8:00 A. M..... | Thurs., December 28 |
| (Absences are charged double for the last meeting of any class before a holiday and for the first meeting of any class after a holiday.) | |
| Commencement Exercises at 3:00 P. M..... | Sun., February 25 |
| Final examinations for winter trimester end..... | Tues., February 27 |

SPRING TRIMESTER

March 5 to June 26, 1945

| | |
|---|----------------------------|
| Enrollment of all students for spring trimester..... | Mon. and Tues., March 5, 6 |
| First meeting of M. W. F. classes..... | Wed., March 7 |
| (Admit to class card required of each student.) | |
| First meeting of T. T. S. classes..... | Thurs., March 8 |
| (Admit to class card required of each student.) | |
| Last day for receiving Master's Theses, preliminary form..... | Sat., April 28 |
| Mid-trimester examinations close..... | Tues., May 1 |
| Last day for Master's Theses, final form..... | Sat., May 26 |
| Baccalaureate Sermon, 11:00 A. M..... | Sun., June 24 |
| Commencement Exercises, 8:00 P. M..... | Mon., June 25 |
| Spring final examinations end..... | Tues., June 26 |

SUMMER-FALL TRIMESTER

July 2 to October 23, 1945

A Special Bulletin will be issued containing information concerning the trimester courses and courses offered in shorter Summer and Fall terms.

Note: The number of holidays has been reduced in the light of the war-time accelerated program. There will be no holidays at Thanksgiving or Easter time.

BOARD OF TRUSTEES

T. E. Tomlinson, *Honorary Trustee for Life*..... Hillsboro

Term Expires March, 1945

Mrs. L. C. Brite Marfa
 George Kuykendall..... Kuykendall Chevrolet Company, Lubbock
 D. G. McFadin 3728 Maplewood, Dallas
 Galen McKinney..... Waples-Platter Company, Fort Worth
 Ralph B. Shank 1612 Cotton Exchange Building, Dallas
 Stanley Thompson..... Electric Building, Fort Worth
 C. A. Wheeler 901 Pennsylvania, Fort Worth

Term Expires March, 1946

L. D. Anderson..... First Christian Church, Fort Worth
 T. J. Brown..... Coca-Cola Bottling Company, Fort Worth
 George F. Cuthrell..... First Christian Church, Tyler
 Bonner Frizzell..... Superintendent, Public Schools, Palestine
 Harry Knowles..... First Christian Church, Houston
 Ferdinand Moore..... Fant Milling Company, Sherman
 L. N. D. Wells..... East Dallas Christian Church, Dallas
 Ed Winton..... Continental National Bank, Fort Worth

Term Expires March, 1947

W. S. Cooke..... Steve Cooke Motor Company, Fort Worth
 Milton Daniel..... First National Bank, Breckenridge
 Dewey Lawrence..... Peoples National Bank Building, Tyler
 Harry Mosser..... Alice, Texas
 Dan D. Rogers..... Mercantile National Bank, Dallas
 Andrew Sherley..... Anna, Texas
 Ross Sterling..... Sterling Building, Houston
 W. M. Woods..... Buda, Texas

Term Expires March, 1948

Lewis Ackers Abilene
 Mrs. Sadie Beckham..... 3208 Avondale, Fort Worth
 Marshall Fuller..... First National Bank, Fort Worth
 R. E. Harding..... Fort Worth National Bank, Fort Worth
 I. W. Keys..... Driscoll Building, Corpus Christi
 Ed Landreth..... Sinclair Building, Fort Worth
 D. C. Reed..... Box 73, Austin

ADVISORY COUNCIL:

| | |
|-------------------------------------|------------------------------------|
| Ernest Alexander Dallas | Sidney Latham Austin |
| Roy Biser Beaumont | Judge Elmer Lincoln..... Texarkana |
| Edwin Brooks..... Fort Worth | Cecil Morgan..... Fort Worth |
| O. B. Douglas..... Austin | J. W. O'Banion Garland |
| Graham Frank Dallas | W. W. Phares..... Dallas |
| W. M. Green..... Fort Worth | Roy Snodgrass..... Amarillo |
| Oliver Harrison..... Corpus Christi | Robert Tevault..... Galveston |
| Jim Hooks Abilene | W. A. Thomas..... Dallas |

Additional members of the Advisory Council are being selected and will be announced in forthcoming catalogues. Special Committees on the Living Endowment Program of the University and on Bequests and Big Gifts are being formed and will be announced later.

TEXAS CHRISTIAN UNIVERSITY BOARD OF TRUSTEES
STANDING COMMITTEES

EXECUTIVE:

L. D. Anderson, *Chairman*; W. S. Cooke, Milton Daniel, Galen McKinney,
T. J. Brown, Dan D. Rogers, Marshall Fuller.

ATHLETIC:

Dan D. Rogers, *Chairman*; Milton Daniel, Charles A. Wheeler, T. J. Brown,
I. W. Keys.

AUDITING:

Charles A. Wheeler, *Chairman*; W. S. Cooke, D. C. Reed.

BUILDING AND GROUNDS:

W. S. Cooke, *Chairman*; D. C. McFadin, Lewis J. Ackers, Mrs. Sadie T.
Beckham, Galen McKinney.

ENDOWMENT:

R. E. Harding, *Chairman*; W. S. Cooke, *Co-Chairman*; Dan D. Rogers,
D. C. Reed, Ed Winton, Marshall Fuller, W. M. Woods, Dewey Lawrence,
Harry Mosser.

FACULTY:

L. D. Anderson, *Chairman*; L. N. D. Wells, Galen McKinney, Mrs. L. C.
Brite, D. C. Reed, Ferdinand Moore.

FINANCE:

Marshall Fuller, *Chairman*; D. C. Reed, Milton Daniel, W. S. Cooke, Dan D.
Rogers, Ralph Shank.

NOMINATING:

D. C. Reed, *Chairman*; Lewis J. Ackers, George F. Cuthrell, I. W. Keys,
George Kuykendall.

EVENING COLLEGE:

Galen McKinney, *Chairman*; Cecil Morgan, W. S. Cooke.

RETIREMENT PLAN:

L. D. Anderson, *Chairman*; Raymond A. Smith, Lewis J. Ackers, Harry
Knowles, Dan Rogers.

OFFICERS OF ADMINISTRATION

| | |
|---|---|
| McGruder Ellis Sadler, B. A., M. A., B. D., Ph. D., D. D. | <i>President of the University</i> |
| Edward McShane Waits, B. A., LL. D. | <i>President Emeritus of the University</i> |
| Jerome Moore, B. A., M. A., Ph. D. | <i>Dean of the Add-Ran College of Arts and Sciences</i> |
| Colby D. Hall, B. A., M. A., LL. D. | <i>Dean of the Brite College of the Bible</i> |
| John Lord, B. A., M. A., Ph. D. | <i>Dean of the Graduate School</i> |
| Raymond A. Smith, B. A., M. A., B. D., LL. D. | <i>Dean of the School of Education</i> |
| T. Smith McCorkle, B. M., M. A., Ph. D. | <i>Dean of the School of Fine Arts</i> |
| C. K. Holsapple, B. A., M. A., B. D., Ph. D. | <i>Dean of the Evening College</i> |
| Ellis M. Sowell, B. S., M. B. A., Ph. D. | <i>Dean of the School of Business</i> |
| Thos. F. Richardson, B. S., M. S., Ph. D. | <i>Director of Student Personnel</i> |
| J. E. Montgomery (Since 1943) | <i>Assistant to the President</i> |
| Bayne E. Driskill, B. A. (Since 1944) | <i>Director of Living Endowment</i> |
| L. C. Wright, B. A. (Since 1922) | <i>Business Manager and Treasurer</i> |
| Samuel Ward Hutton, B. A., B. D. | <i>Registrar</i> |
| L. A. Dunagan (Since 1924) | <i>Cashier</i> |
| Mrs. J. E. Mothershead (Since 1923) | <i>Librarian</i> |
| Miss Ruth White, B. A., B. S. in L. S. (Since 1941) | <i>Assistant Librarian</i> |
| Miss Nell Van Zandt, B. S. in Com., B. S. in L. S. (Since 1941) | <i>Assistant Librarian</i> |
| Mrs. Sadie Beckham (Since 1918-1937) | <i>Dean of Women, Emeritus</i> |
| Miss Elizabeth Shelburne, B. A., M. A. (Since 1937) | <i>Dean of Women</i> |
| Mrs. E. E. Cox (Since 1938) | <i>Hostess in Foster Hall</i> |
| Mrs. Eugene Holmes (Since 1941) | <i>Hostess in Foster Hall</i> |
| Mrs. Mary Bowden (Since 1940) | <i>Hostess in Goode Hall</i> |
| Mrs. Georgia Harris (Since 1920) | <i>Stewardess of the Cafeteria, Emeritus</i> |
| Miss Gertrude Samson, B. S. (Since 1942) | <i>Stewardess of the Cafeteria, Dietitian</i> |
| L. L. Dees (Since 1920) | <i>Superintendent of Building and Grounds</i> |
| Mrs. Marie Jackson Robinson, R. N. (Since 1944) | <i>Resident Nurse</i> |

THE HARRIS CLINIC, Dr. Charles H. Harris, President, has charge of the Medical Direction.

Administrative Committee: The President, The Dean of Add-Ran College of Arts and Sciences, and the Business Manager.

TEXAS CHRISTIAN UNIVERSITY FACULTY

The final date in italics (*e. g. since 1920*) indicates the beginning of faculty service with T. C. U., but not necessarily in the present rank. Two dates indicate a second term of service.

MCGRUDER ELLIS SADLER, *President of the University*

B. A. (Atlantic Christian College), 1919; M. A. (Vanderbilt), 1921; Special study (University of Chicago), 1921-22; B. D. (Yale University), 1925; Ph. D. (Yale University), 1929; D. D. (Texas Christian University), 1941. *Since 1941.*

EDWARD MCSHANE WAITS, *President Emeritus of the University*

B. A. (Transylvania U.), 1896; LL. D. (Transylvania U.), 1923. *Since 1916, 1941.*

COLBY D. HALL, *Dean of Bible College of the Bible; Professor of History of Religion*

B. A. (Transylvania U.), 1902; Classical Diploma (The College of the Bible, Transylvania U.), 1902; M. A. (Columbia), 1904; Graduate study (Columbia); LL. D. (Transylvania), 1935. *Since 1902, 1906, 1912.*

L. D. ANDERSON, *Adjunct Professor of Homiletics*

B. A. (T. C. U.), 1905; LL. D. (*ibid*), 1923. *Since 1933.*

J. J. ANDUJAR, *Adjunct Professor of Medical Technology*

B. S. (Penn State C.), 1930; M. D. (Temple U.), 1934. Director of School of Medical Technology with the Harris Memorial Methodist Hospital. *Since 1939.*

RUTH SPEER ANGELL, *Instructor in English*

B. S. (T. S. C. W.), 1921; B. A. (U. of Texas), 1922; M. A. (Columbia University), 1937. *Since 1937.*

†ALMA LOUISE BAILEY, *Instructor in Business Administration and English*

B. A. (T. C. U.), 1934; M. A. (T. C. U.), 1938; *Graduate Study (U. of Texas), Summer 1941-1942. Since 1935.*

KATHERINE MCKEE BAILEY, *Professor of Piano*

B. M. (Bush Conservatory), 1913; Diploma (Progressive Series College), 1929; pupil of Harold von Mickwitz, Leopold Godowsky. *Since 1931.*

†WILLIAM PRICE BAKER, *Instructor in English*

B. A. (T. C. U.), 1936; M. A. (Tulane), 1940. *Since 1940.*

F. E. BILLINGTON, *Emeritus Professor of Christian Ministries*

B. A. (U. of Oregon), 1903; M. A. (U. of Oregon), 1913; B. D. (Eugene Divinity School), 1902; Ph. B. (LaFayette Seminary), 1892; M. R. E. (Boston U.), 1923. *Since 1920, 1943.*

REKA LOIS BLACK, *Instructor in Mathematics*

B. S. E. (U. of New Mexico), 1943; Graduate Study (T. C. U.), 1943-1944. *Since 1943.*

*ARTHUR WITT BLAIR, *Assistant Professor of Elementary Education*

B. S. (N. T. S. T. C.), 1933; M. A. (U. of Chicago), 1937; Graduate Study (U. of Chicago). *Since 1941.*

†On leave for graduate study.

*On leave of absence in military service.

- KENNETH BOYLE, *Special Assistant in Electronics. Since 1942.*
- INA MAE BRAMBLETT, *Instructor in Mathematics*
B. A. (T. C. U.), 1932; M. A. (Texas U.). *Since 1942.*
- JOHN BRIGHAM, *Assistant Professor of Voice*
Oberlin Conservatory 1915-18; B. M. (Cincinnati Conservatory), 1928;
Special Study with Edmund Edmunds, Philadelphia; Jane Meyerheim,
Paris, France; Oscar Seagle, New York; Dan Beddoe and Alexander von
Kreissler, Cincinnati.
- ARTEMISIA B. BRYSON, *Assistant Professor of English and Latin*
B. A. (T. C. U.), 1924; M. A. (U. of Chicago), 1926; Graduate Work
(University of Texas), Summer 1929, (Harvard). *Since 1924.*
- *LESTER BRUMBELOW, *Instructor in Physical Education*
B. A. (T. C. U.) 1931. *Since 1936.*
- CLARENCE A. BURCH, *Adjunct Professor of Missions*
B. A. (Clark University), 1905; Special Study (Hartford Theological
Seminary), 1914; (Chicago U., School of Theology), 1922. (Hartford
Theological Seminary), 1941. Missionary in China under U. C. M. S., 1906-
1940. *Spring, 1942.*
- EULA LEE CARTER, *Associate Professor of Spanish*
B. A. (U. of Texas), 1919; M. A. (U. of Texas), 1925. *Since 1924.*
- ETHEL RAY CHEATHAM, *Special Instructor in Mathematics*
B. A. (T. C. U.), 1942. *Since 1942.*
- *MACK CLARK, *Assistant Athletic Director, Instructor in Physical Education,
and Coach*
B. A. (T. C. U.), 1929. *Since 1929.*
- OWEN COBB, *Instructor in Physics*
B. A. (T. C. U.), 1942. *Since 1942.*
- JOSIAH H. COMBS, *Professor of Modern Languages*
B. A. (Transylvania U.), 1911; Equivalent de la Licence (U. of Paris),
1923; Doctor (de L'Universite de Paris), 1925. *Since 1927.*
- B. A. CROUCH, *Associate Professor of Education*
B. A. (Baylor U.), 1926; M. A. (T. C. U.), 1927. *Since 1928.*
- PAUL DINKINS, *Assistant Professor of English*
B. A. (U. of Southern California), 1935; M. A. (Ibid.), 1937; Ph.D. (Van-
derbilt), 1943. *Since 1937.*
- BONNE M. ENLOW, *Associate Professor of Home Economics*
B. S. (C. I. A.), 1924; M. A. (Columbia U.), 1931. *Since 1924.*
- ARTHUR FAGUY-COTE, *Assistant Professor of Voice*
Graduate Dramatic Art (Conservatoire Lasalle, Montreal, Canada);
Vocal training with Madame Benati, Montreal; Emile Cazeneuve and
Lucien Berton of the Conservatoire de Paris, Edmond Clemend, Paris,
France; and Edward Iles at the Guild Hall School of Music, London,
England.
- LEW D. FALLIS, *Professor of Public Speaking*
B. A. (U. of Washington), 1904; (Graduate the Curry School of Expres-
sion), Boston, 1911; Philosophy Diploma (Ibid.), 1927. *Since 1925.*
- NEWTON GAINES, *Professor of Physics*
B. S. in E. E. (U. of Texas), 1912; M. A. (U. of Texas), 1924; Ph. D.
(U. of Texas), 1931. *Since 1924.*

*On leave of absence in military service.

- RALPH GARRETT, *Assistant Professor of History*
B. A. (Milligan C.), 1918; M. A. (Columbia U.), 1921. *Since 1939.*
- MARIE MOSER GLICK, *Instructor of Secretarial Science*
B. B. A. (U. of Texas), 1937; M. B. A. (U. of Texas), 1933. *Since 1943.*
- *WILLIAM HOWARD GRUBBS, *Athletic Director, Instructor in Physical Education*
B. S. (T. C. U.), 1930; M. S. (T. C. U.), 1931. *Since 1934.*
- BITA MAY HALL, *Instructor in French*
B. A. (T. C. U.), 1931; M. A. (Ibid), 1936; Diploma, (University of Toulouse), 1933. *Since 1933.*
- **ELEANOR MORSE HALL, *Instructor in Piano and Theory*
B. M. (Oberlin Conservatory), 1936. *Since 1938.*
- WILLIAM J. HAMMOND, *Professor of History*
B. A. (T. C. U.), 1923; M. A. (T. C. U.), 1924; Ph. D. (U. of California). 1929. *Since 1924.*
- WILLIS G. HEWATT, *Professor in Biology*
B. S. (T. C. U.) 1927; M. S. (T. C. U.) 1929; Ph. D. (Leland-Stanford), 1934. *Since 1933.*
- FRANK WOODALL HOGAN, *Professor of Chemistry*
B. S. (Vanderbilt U.), 1911; M. S. (Vanderbilt U.), 1912; Graduate study (U. of Chicago.) *Since 1920.*
- CORTELL K. HOLSAPPLE, *Professor of Philosophy, Dean of the Evening College*
B. A. (Austin College), 1920; M. A. (ibid), 1922; B. D. (Drake), 1926; Ph. D. (U. of Texas), 1937. *Since 1938.*
- SAMUEL WARD HUTTON, *Registrar and Professor of Worship Ministries*
B. A. (T. C. U.), 1911; Graduate study, (Boston U.; Chicago U.); B. D. (T. C. U.), 1931. *Since 1929.*
- Q'ZELLA OLIVER JEFFUS, *Assistant Professor of Organ*
Graduate Fort Worth Conservatory. Pupil of Carl Mickwitz, Carl Venth, Carl Weismann, Edwin Hughes. *Since 1938.*
- FRANKLIN G. JONES, *Emeritus Professor of Secondary Education*
B. A. (T. C. U.), 1890; M. A. (T. C. U.), 1918; M. A. (Columbia U.), 1920. *Since 1926. Emeritus in 1936.*
- *H. J. JONES, *Instructor in Mathematics*
B. A. (T. C. U.), 1932; M. A. (Texas U.), 1937. *Since 1936.*
- D. RAY LINDLEY, *Associate Professor of Christian Ministries*
B. A. (Phillips U.), 1926; B. D. (Yale), 1941. *Since 1941.*
- F. M. LISLE, *Assistant Professor of Chemistry*
B. A. (N. T. S. T. C.), 1929; M. A. (N. T. S. T. C.), 1940. *Since 1944.*
- CLINTON LOCKHART, *Emeritus Professor of Old Testament and Semitics in the Brite College of the Bible*
B. A. (Transylvania U.), 1886; M. A. (Transylvania U.), 1888; Ph. D. (Yale), 1884; D. Litt. (T. C. U.), 1931. *Since 1906. Retired 1943.*
- LOLA LOLLAR, *Assistant in Biology*
B. A. (T. C. U.), 1940; M. S. (T. C. U.), 1942. *Since 1942.*
- JOHN LORD, *Professor of Government, Dean of the Graduate School*
B. A. (Transylvania U.), 1904; M. A. (Syracuse), 1915; Ph. D. (Syracuse), 1922. *Since 1920.*

**On leave of absence in military service.

*On leave of absence.

- THOMAS SMITH MCCORKLE, *Dean of the School of Fine Arts, Professor of Violin, Musical Literature and Music Education.*
B. M. (Texas Wesleyan), 1921; M. A. (Southern Methodist), 1926; Ph. D. (Texas), 1942. Graduate Violin Study, Carl Veneth, Waldemar Geltech, Leon Sammetini, Jaques Gordon. *Since 1942.*
- HERBERT R. MCQUILLAN, *Basketball Coach*
B. S. (N. Dak. U.), 1916. *Since 1941.*
- J. R. MACEO, *Associate Professor of Business Administration*
C. P. A. (Texas), 1927. *Since 1936.*
- MABEL MAJOR, *Professor of English*
B. A. (U. of Missouri), 1914; B. S. (U. of Missouri), 1916; M. A. (U. of Missouri), 1917; Graduate study (Chicago). *Since 1919.*
- WILLIAM J. MARSH, *Director of Glee Clubs, Professor of Organ, and of Theory Musical Training, London England; Composer, Texas State Song; Chairman Texas Composers Guild.* *Since 1934.*
- MARIAN DOUGLAS MARTIN, *Assistant Professor of Piano*
Student under Leopold Godowsky (Vienna), Percy Grainger (Chicago Musical College). *Since 1941.*
- LEO R. MEYER, *Coach, and Instructor in Physical Education*
B. A. (T. C. U.), 1922. *Since 1923.*
- †L. T. MILLER, JR., *Instructor in Business Administration and Economics*
B. S. in Commerce (T. C. U.), 1936; M. A. (T. C. U.), 1937. *Since 1936.*
- *KEITH MIXSON, *Assistant Professor in Piano and Theory*
B. A. (U. of Texas), 1929; B. M. (Cincinnati Conservatory of Music), 1933. *Since 1934.*
- JEROME MOORE, *Dean of the Add-Ran College of Arts and Sciences and Director of Summer Terms, Professor of Spanish.*
B. A. (T. C. U.), 1923; M. A. (T. C. U.), 1927; Ph. D. (U. of Penn.), 1937. *Since 1943.*
- JOSEPH MORGAN, *Associate Professor of Physics*
B. A. (Temple U.), 1931; M. A. (Ibid.), 1933; Ph. D. (M. I. T.), 1937. *Since 1941.*
- BROOKS MORRIS, *Assistant Professor of Violin*
American and European study. Pupil of Theodore Spiering.
- HERBERT R. MUNDHENKE, *Professor of Economics*
B. A. (Lawrence College), 1922; M. A. (U. of Illinois), 1923; Ph. D. (U. of Iowa), 1935. *Since 1937.*
- HELEN WALKER MURPHY, *Assistant Professor of Physical Education*
Student American College of Physical Education; B. A. (T. C. U.), 1931; Graduate Study (U. of S. Calif.); M. A. (T. C. U.), 1934. *Since 1926.*
- MRS. ROGER C. NEELY, *Instructor in Voice*
Licentiate Degree, Texas Music Teachers Association. Pupil of G. Warren Stebbins and Dr. Lazaar Samoiloff. *Since 1940.*
- KATHERINE MOORE NORTON, *Instructor in Public Speaking*
Teacher's Diploma, School of Expression (Curry), 1926; B. A. (T. C. U.), 1929; M. A. (U. of Michigan), 1940. *Since 1928-1933, 1935.*

†On leave.

*On leave of absence in military service

- CHARLIE NOBLE, *Instructor in Mathematics*
B. A. (T. C. U.), 1923; B. S. (U. of Texas), 1923; M. A. (T. C. U.), 1928.
Since 1943.
- *CLIFTON OLIVER, JR., *Instructor in Business Administration and Economics*
B. A. (Texas Technological College), 1937; M. A. (Ibid), 1939; (Graduate
Study at L. S. U.). *Since 1940.*
- AUSTIN L. PORTERFIELD, *Professor of Sociology*
B. A. (Okla. City U.), 1923; M. A. (Drake), 1924; B. D. (Phillips U.),
1926; Ph. D. (Duke U.), 1936. *Since 1937.*
- THOMAS PROUSE, *Assistant Professor of Physical Education*
B. S. (U. of Michigan), 1931; M. A. (U. of Michigan), 1932. *Since 1934.*
- LOUIS W. RAMSEY, *Assistant Professor of Engineering*
B. S. in E. E. (A. & M.), 1927; Graduate Study (U. of Texas). *Since*
1927-31, 1940-41, 1942.
- C. H. RICHARDS, JR., *Assistant Professor of Government*
B. A. (T. C. U.), 1938; M. A. (Duke University), 1940. *Since 1940.*
- THOS. F. RICHARDSON, *Assistant Professor of Psychology and Director of Stu-*
dent Personnel
B. S. (N. T. S. T. C.), 1928; M. S. (U. of Colorado), 1934; Ph. D. (U. of
New York), 1942. *Since 1943.*
- J. WILLARD RIDINGS, *Professor of Journalism*
B. J. (U. of Missouri), 1925; M. A. (U. of Missouri), 1928. *Since 1927.*
- *WALTER ROACH, *Instructor in Physical Education*
B. S. in P. E. (T. C. U.), 1937. *Since 1937.*
- WILLIAM V ROOSA, *Professor of New Testament in Brite College of the Bible*
B. A. (Drake U.), 1915; M. A. (U. of Chicago), 1916; Ph. D. (U. of
Chicago), 1933. *Since 1937.*
- GAYLE SCOTT, *Professor of Biology and Geology*
B. A. (T. C. U.), 1917; M. S. (T. C. U.), 1920; Dr. es Sc. (Grenoble,
France), 1925. *Since 1919.*
- ELIZABETH SHELBURNE, *Assistant Professor of Mathematics, Dean of Women*
B. A. (T. C. U.), 1920; M. A. (T. C. U.), 1931. *Since 1929, 1937.*
- CHARLES R. SHERER, *Professor of Mathematics*
B. A. (U. of Nebraska), 1917; M. A. (U. of Nebraska), 1921; Graduate
Study (U. of Chicago). *Since 1928.*
- MIRTH W. SHERER, *Instructor in Social Sciences*
B. A. (U. of Nebraska), 1922; M. A. (U. of Nebraska), 1926. *Since 1928.*
- LORRAINE SHERLEY, *Assistant Professor of English*
B. A. (T. C. U.), 1923; M. A. (U. of Texas), 1930. *Since 1927.*
- RAYMOND A. SMITH, *Professor of Education, Dean of the School of Education*
B. A. (Butler), 1900; M. A. (U. of Indianapolis), 1904; B. D. (Yale),
1905. *Since 1920.*
- *REBECCA W. SMITH, *Professor of English*
B. A. (U. of Kentucky), 1916; M. A. (Columbia U.), 1918; Ph. D. (U.
of Chicago), 1932. *Since 1919.*

*On leave of absence in military service.

- ELLIS M. SOWELL, *Professor of Accounting and Dean of the School of Business*
B. S. (Stephen F. Austin S. T. C.), 1934; M. B. S. (Texas U.), 1936; Ph. D.
(Texas U.), 1944. *Since 1944.*
- *JAMES CLARK STREETT, JR., *Assistant Professor of Biology*
B. A. (Princeton U.), 1936; Ph. D. (Princeton U.), 1939. *Since 1939.*
- JEANETTE TILLET, *Assistant Professor of Piano*
Student under Harold von Mickwitz, Severin Eisenberger (Berlin);
Graduate student Institute Musical Art (New York). *Since 1938.*
- GEORGE TITTERINGTON, JR., *Assistant Professor of Physics*
B. A. (Rice), 1927; M. A. (Texas U.), 1937. *Since 1943.*
- †C. ALLEN TRUE, *Professor of History*
B. A. (T. C. U.), 1926; M. A. (T. C. U.), 1928; Ph. D. (U. of Cali-
fornia), 1933. *Since 1928-31, 1934.*
- S. A. WALL, *Assistant Professor of Education*
B. A. (T. C. U.), 1935; M. A. (T. C. U.), 1937; Ph. D. (Texas U.), 1944.
Since 1944.
- FRED WEST, *Associate Professor of Religion*
B. A. (Lynchburg C.); B. D. (Yale Divinity School), 1941; Ph. D. (Yale
U.), 1943. *Since 1943.*
- E. CLYDE WHITLOCK, *Assistant Professor of Violin and Viola*
Violin training with Ralph Wylie (Kansas City); Adolf Weidig (Chi-
cago); Issay Barmos (Berlin); Theory, Rosetton Cole (Columbia).
- J. LAURENCE WHITMAN, *Professor of Chemistry*
B. A. (Oregon), 1914; M. S. (Oregon), 1915; Ph. D. (Iowa), 1924. *Since*
1928.
- HORTENSE WINTON, *Laboratory Instructor in Biology and Curator of the*
Museum. Since 1916.
- WILL McCLAIN WINTON, *Professor of Biology and Geology*
B. S. (Vanderbilt), 1908; M. S. (Vanderbilt), 1908. *Since 1913.*
- JOHN WILLIAM WOLDT, *Assistant Professor of Theory, Horn, Director of Uni-*
versity Band
B. M. (Wisconsin), 1941; M. M. (Yale), 1942; French Horn with Max
Pottag (Chicago), and Willem Valkemier (Boston); Composition with
Erust Arenek and Paul Hindemith.
- HAZEL TUCKER WOODWARD, *Assistant Professor of Psychology*
B. A. (T. C. U.), 1926; M. A. (T. C. U.), 1929. *Since 1928.*
- SAMUEL P. ZIEGLER, *Associate Professor of Art*
B. A. (T. C. U.), 1924; Cresson European Scholarship, P. A. F. A.,
Graduate, Philadelphia Musical Academy, 1911. *Since 1917-1919; 1925.*

*Additional teachers for the Evening College appear in its separate cata-
logue.*

*On leave of absence in Military Service.

†On leave in Government Service.

GENERAL UNIVERSITY FACULTY COMMITTEES

1944-1945

1. ACADEMIC HONESTY: *Dean Holsapple, Chairman.*
Mrs. Woodward, Dr. Combs, Dr. Gaines, Mr. Prouse and Dr. Richardson.
2. ATHLETICS: *Dr. Scott, Chairman.*
Miss Carter, Dr. Hewatt, Mr. Hogan, Dr. Mundhenke, Mr. Prouse, Mr. Wright and Dr. West.
3. BUDGET: *Mr. Wright, Chairman.*
President Sadler, Dean Moore, Dean Hall, Dean Smith and Mr. Winton.
4. CLASSIFICATION: *Dean Moore, Chairman; Mr. Hutton, Secretary.*
Dr. Whitman, Dean Holsapple, Dr. Porterfield, Mr. Ziegler, Dr. Dinkins, Mr. Garrett and Dr. West.
5. CORRELATION: *President Sadler, Chairman.*
Dean Hall, Dean Holsapple, Dean Lord, Dean McCorkle, Dean Smith, Dean Moore and Dean Sowell.
6. FACULTY MEETINGS:
 - A. Social: *Miss Enlow, Chairman.*
Miss Hall, Miss Bailey, Miss White, Miss Van Zandt, Mrs. Angell, Dr. Wall and Mr. Prouse.
 - B. Program: The President and Deans.
7. HONORARY DEGREES: *The President and Deans.*
8. INTER-SCHOLASTIC LEAGUE: *Mr. Crouch, Chairman.*
Miss Major, Mrs. Murphy, Mrs. Norton, Mr. Prouse.
9. LIBRARY: *Dean Smith, Chairman.*
Mrs. Mothershead, Dean Lord, Dean Hall, Dr. Porterfield, Dr. Hewatt, Dean McCorkle, Dr. Dinkins and Miss Carter.
10. PUBLIC SPEAKING: *Mr. Fallis, Chairman.*
Mrs. Norton, Mr. Garrett, Dr. Richards.
11. PUBLICATIONS: *Mr. Ridings, Chairman.*
Dean Moore, Miss Sherley, Dr. Whitman, Mr. Wright.
12. RELIGIOUS LIFE OF THE UNIVERSITY: *President Sadler, Chairman.*
Mrs. Sherer, Dr. Gaines, Dr. West, Dr. Holsapple, Dean Moore, Dr. Cheverton, Dr. Sowell.
13. SOCIAL CALENDAR: *Miss Shelburne, Chairman.*
Mrs. Mothershead, Mrs. Murphy, Mrs. Sherer, Mr. Winston, Mr. Maceo.
14. STUDENT EMPLOYMENT: *Mr. Hutton, Chairman.*
Miss Shelburne, Mr. Wright, Miss Major, Mr. Ramsey.
15. STUDENT WELFARE: *Mr. Sherer, Chairman.*
Miss Enlow, Dr. Whitman, Dr. Mundhenke, Mr. Meyer, Dean Lord.
16. STUDENT SOCIETIES: *Mrs. Bryson, Chairman.*
Miss Hall, Miss Shelburne, Mrs. Sherer, Mr. Crouch.
17. STUDENT COUNSELORS FOR FRESHMEN AND SOPHOMORES:
Dr. Richardson, Chairman.
Members to be selected by the chairman.
18. STUDENT COUNSELORS FOR JUNIORS AND SENIORS: *Dean Moore, Chairman.*
Chairmen of the Departments.

COLLEGE CURRICULUM COMMITTEES

Add-Ran College of Arts and Sciences: Dean Moore, Mr. Lord, Mr. McCorkle, Miss Major, Mr. Porterfield, Mr. Sherer, Mr. Smith.

Brite College of the Bible: Dean Hall, Mr. Roosa.

Evening College: Dean Holsapple, Mr. Sowell, Mr. Brown, Mr. Mundhenke.

School of Fine Arts: Dean McCorkle, Mr. Fallis, Mr. Ziegler, Mr. Woldt.

The Graduate School: Dean Lord, Mr. Smith, Mr. Hewatt, Mr. McCorkle, Mr. Combs.

GRADUATE FELLOWS AND ASSISTANTS FOR 1943-1944

Ben White, B. A. (Texas Christian University) 1944, *Assistant in Bible.*

Bill Hall, B. A. (Texas Christian University) 1943, *Assistant in Psychology and Philosophy.*

UNDERGRADUATE ASSISTANTS FOR 1943-1944

In Biology: Frances Armstrong, Elaine Shifflet.

In Business Administration: Ruth Taulbee, Claudine Jarvis, Edgar C. Barlow.

In Chemistry: Geraldine Kissinger, Elida Maceo, Jane McElroy, Janeth Walton.

In History: Karl Tuttle, Darrel Richardson, Bill Shropshire.

In Home Economics: Mrs. Bernice Tonner.

In Mathematics: Mrs. Edith Morgan, Mozell Rankin, Gladys Cain.

In Modern Languages: Augusta Ramey.

In Physics: John Allred, Bobbie Crutchfield, Dick S. Harris, Edward Rankin.

In Speech: Ann Barham, Jimmie Tinkle.

EX-STUDENT ASSOCIATION OF T. C. U.

OFFICERS 1943-1944

J. Warren Day, President

Fort Worth

Gladys Simons, Executive Vice-President and

Commencement Chairman, Fort Worth.

Judge Green, Vice-President

Mrs. Arthur Denman, Vice-President

Sidney Latham, Vice-President

A. D. Weatherby, Vice-President

Roy Tomlinson, Vice-President

Hugh Buck, Vice-President

John Washmon, Vice-President

Alma Bailey, Sec'y-Treas.

Austin

Charles W. Hilburn, Acting Sec'y-Treas.,

Fort Worth

EXECUTIVE COMMITTEE

Mildred Reynolds

Vera Turbeville Derr

Rowland Broiles

Hazel Nelson

Dr. Abe Greines

Dr. Gayle Scott

ORGANIZATION OF THE UNIVERSITY

THE COLLEGES AND SCHOOLS

- I. Add-Ran College of Arts and Sciences.
- II. Brite College of the Bible, a Theological Seminary.
- III. School of Business.
- IV. School of Education.
- V. Evening College.
- VI. School of Fine Arts.
- VII. Graduate School.

THE DIVISIONS

Division of Fine Arts: Professor Ziegler, *Chairman*.

Departments of Music, Art, Speech-Drama.

Division of Letters: Professor Combs, *Chairman*.

Departments of English, French, German, Spanish, Latin, Greek.

Division of Natural Sciences and Mathematics: Professor Winton, *Chairman*.

Departments of Biology and Geology, Chemistry, Physics, Mathematics, Home Economics.

Division of Philosophy and Religion: Professor R. A. Smith, *Chairman*.

Departments of Religion, Philosophy, Psychology, Education.

Division of Social Sciences and History: Professor Porterfield, *Chairman*.

Departments of Economics, Government, History, Sociology, Business Administration, Journalism.

MEETINGS

1. The entire *Faculty* of the University meets on call by the President of the University.
2. The *Faculty* of each college, or the *Cabinet*, consisting of all Heads of Departments, meets on call by the Dean of the college.
3. Deans of all colleges meet on call by the President.
4. *General Assembly* is held on call by the President.

MILESTONES OF HISTORY

- 1873—Founding of Add-Ran College, Thorp's Spring, Texas.
 1873-1899—Addison Clark, *President*.
 1880—First Summer Term announced.
 1889—Oct. 5—Add-Ran Christian University name adopted and property taken over by the Christian Churches, J. J. Jarvis, Board President.
 1893—Work recognized by State for Teachers' Certificate.
 1895—Christmas, moved to Waco, Col. J. Z. Miller, Board President.
 1899—T. E. Shirley, President of Board.
 1902-1906—E. V. Zollars, *President*.
 1902—Name changed to Texas Christian University.
 1906-1911—Clinton Lockhart, *President*.
 1909—T. E. Tomlinson, President of Board.
 1910—March 22, Main Building destroyed by fire.
 1910—September, school opened in Fort Worth, downtown.
 1911-1915—Frederick Kershner, *President*.
 1911—W. B. Parks became the first Dean of the University.
 1911—September, school opened on present campus, with Main Building, Jarvis, and Goode Halls.
 1911—First Endowment, \$25,000, by L. C. Brite.
 1912—Fort Worth Medical College adopted as Medical Department.
 1912—Becomes a charter member of the Association of Texas Colleges.
 1913—Clark Hall completed.
 1914—Brite College of the Bible founded, Brite Hall erected.
 1914—Trustees voted to abolish the Academy, gradually.
 1915—School of Law inaugurated, E. R. Cockrell, Principal.
 1916—E. M. Waits, *President Emeritus*, September, 1941.
 S. J. McFarland, President of the Board.
 1918—Medical College closed, due to radically rising costs.
 1920—\$300,000 in Endowment attained.
 1920—Colby D. Hall, Dean of the University.
 1920—Law School closed to concentrate funds on Liberal Arts.
 1921—Academy finally closed.
 1921—The Gymnasium building completed.
 1921—Recognition and aid by the General Education Board.
 1921—Elected to membership in the Association of American Colleges.
 1922—Elected to membership in the Southern Association of Colleges and Secondary Schools, including accreditation.
 1923—June: Jubilee celebration of the fiftieth anniversary of the founding of the School; \$500,000 Endowment achieved.
 1923—December: Mary Coutts Burnett Trust received.
 1925—Mary Coutts Burnett Library opened, February; East Campus.
 1926—Organization of Graduate School, Field House built.
 1927—General Education Board's gift of \$166,666.67 received, debts cleared.
 1927—Van Zandt Jarvis, President of the Board. (Deceased, April 18, 1940).
 1928—Placed on approved list Association of American Universities.
 1930—New \$400,000 stadium erected, on West Campus.
 1930—On approved list of the American Association of University Women.
 1933—New University Christian Church erected.
 1936—The Evening College made a distinct administrative unit.
 1938—School of Business organized.
 1939—Brite College of the Bible celebrates Silver Anniversary and adopts standard Seminary Curriculum.
 1940—R. H. Foster, President of the Board. (Deceased, 1941).

- 1941—M. E. Sadler, *President*, September.
 1941—L. D. Anderson, *President of the Board*, October.
 1941—Brite College accredited by the American Association of Theological Schools, December.
 1942—Foster Hall completed, May.
 1943—Reorganization of the University Program into Seven Colleges: Add-Ran College of Arts and Sciences, Jerome Moore, Dean; Brite College of the Bible, Colby D. Hall, Dean; The Graduate School, John Lord, Dean; School of Education, Raymond A. Smith, Dean; School of Fine Arts, T. Smith McCorkle, Dean; Evening College, C. K. Holsapple, Dean; School of Business, Ellis M. Sowell, Dean.

STANDARDS

Texas Christian University maintains membership in:

- The Southern Association of Colleges and Secondary Schools.
- The Association of Texas Colleges.
- The National Education Association.
- The Board of Higher Education of the Disciples of Christ.
- The Council of Church Boards of Education.
- The Association of American Colleges.

It is on the approved list of:

- The Association of American Universities.
- The Department of Education of Texas.
- American Medical Association, Council on Education.
- American Association of University Women.
- The University of the State of New York.

 THE UNIVERSITY

HISTORICAL DATA

Out of a consecrated desire to inculcate character-training into the New South after the Civil War, this Institution was founded at Thorp's Spring, Texas, in 1873 by Addison Clark, President, his brother, Randolph Clark, Vice-President, and their father, J. A. Clark, Business Manager. The story of its development is outlined in the "Milestones of History" above.

A fuller story is told in the issues of the catalogue up to 1932 and is not repeated here.

The Board of Trustees of 36 members selects and elects its own members subject to the ratification of the Texas Christian Convention, the body representing the churches known as the Disciples of Christ or Christian Churches of Texas.

LOCATION

Texas Christian University is situated in a beautiful residential district in the southwest section of Fort Worth. It is less than twenty minutes' ride by bus from the heart of the city. The auto route is one of the most attractive drives in the city.

Two public school buildings near by serve the children through the grades and junior high school. The senior high school is reached by bus in ten minutes.

Fort Worth is a growing city of 235,000 population. As a railway, bus, highway and airline center of the Southwest, it provides quick and adequate transportation service. It is the regional center of many industrial activities,

furnishing a laboratory for many kinds of university research. It has a large number of churches and civic and philanthropic organizations; its public educational facilities are widely recognized as superior both in curriculum and in physical equipment. It has many private schools, and three other institutions of higher learning.

The City of Fort Worth and the University attract many distinguished visitors and lecturers from all parts of the nation. Through the lectures, music clubs and similar organizations artists of world renown are to be heard each year.

MATERIAL RESOURCES

Through the generous gifts and bequests of friends the University has accumulated about \$4,000,000 in endowment. The larger gifts accounting for this present endowment are as follows:

- L. C. Brite—\$25,000.00.
- Mrs. Mary Coutts Burnett—\$3,323,245.59.
- General Education Board—\$166,666.67.
- Mrs. Ida V. Jarvis—\$60,000.
- Dr. S. D. Moore—\$5,000.
- D. C. Reed—\$100,000.
- Andrew Sherley—\$100,000.
- H. W. Stark—\$25,000.
- Ross Sterling—\$100,000.

However these endowment funds are yielding a very small rate of income and do not provide anything like sufficient funds for the operation of the University. Because of the small income received from the endowment the Christian Churches (Disciples of Christ) in Louisiana, New Mexico and Texas are supporting the University through annual contributions from their church budgets. In addition, a rapidly growing number of ex-students and friends are joining in the Living Endowment program by making annual contributions for the operation of the School.

During the past two years funds have been assembled for the erection of some new buildings as soon as building materials are available. At the present time this fund is about \$500,000.

BUILDINGS

Eight modern, fire-proof, cream-colored brick buildings of classical architecture grace the spacious campus of Texas Christian University:

- The Administration Building.
- Jarvis Hall (residence for women). (Temporarily used by U. S. Navy.)
- Foster Hall (residence for women).
- Clark Hall (residence for men). (Temporarily used by U. S. Navy.)
- Goode Hall (residence for men).
- Gibson House.
- Sterling House.
- Brite College of the Bible.
- Gymnasium.
- Mary Coutts Burnett Library.
- Stadium (seating capacity 20,000).
- Field House (for basket ball, other indoor games).
- Ministerial Apartment Homes, three, on Greene and Bowie Streets, and Reed House.

Laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of biology, chemistry, geology and physics. In each of the laboratories, provision is made for carrying out in full

the courses outlined in the respective departments. The *Museum* adjoining the laboratories of biology and geology is among the best in the country.

Recent additions have been made to the laboratories in the fields of radio, electronics, aeronautics; also equipment in commerce.

The *Library* represents the assembly of carefully selected volumes, including generous donations and annual appropriations, since the fire of 1910. More than 60,000 volumes are available, of which 18,000 are Government documents. Special rooms are devoted to "Southwest Literature" and to "Literature of the Disciples." The "*Dr. James W. and Maggie P. Lowber Library*" was dedicated Feb. 13, 1940.

A CHRISTIAN SCHOOL

Texas Christian University is dedicated to the proposition that religion is not only an indispensable factor in the education of citizens for a democracy, but also an essential element in any complete and constructive educational experience. It therefore accepts as its major responsibility the projection of an educational program which is intelligently and vitally Christian. Its deliberate effort is to share with its students the convictions, ideals, attitudes and purposes which will enable them to become creative Christian citizens.

All forms of sectarianism are carefully avoided. Students of all creeds and faiths are heartily welcomed. The ancient principle of academic freedom is zealously guarded.

The University brings to the campus each session several internationally known religious leaders for special Religious Emphasis Programs. This past session Dr. Halford Luccock and the Rev. John Barclay were the visiting religious leaders.

Students are encouraged by precept and example to attend the churches of their choice and to participate in the various religious activities on the campus.

The University Christian Church and the University Baptist Church are quite close to the campus. Other churches are located nearby. These churches serve large numbers of students and faculty members.

NAVY UNITS

The United States Navy maintains V-12 and V-5 units at Texas Christian University. The University is at present operating on an accelerated yearly schedule of three trimesters of sixteen weeks each in order to synchronize with the Navy program.

ACCELERATED PROGRAM FOR ALL STUDENTS

The accelerated program makes it possible for a student to fulfill requirements for a bachelor's degree in less than three years. The student may enter July 3, August 28, or November 1, 1944, and March 5 or July 2, 1945.

Alert young men and women will appreciate the present urgency of preparing themselves in the shortest possible time.

E. S. M. W. T. COURSES

As a part of the Engineering, Science, and Management War Training program of the United States Office of Education, the University offers courses through the Evening College to employed persons possessing the proper background in education and training who are preparing for positions in war industries. This program includes such courses as office management, personnel management, industrial cost accounting, and industrial organization and management.

STUDENT ORGANIZATIONS

Texas Christian University has a variety of thriving student organizations designed to stimulate interest and provide opportunity for student expression in the fields of learning, service, and sports, all of which are a part of the educational process. Membership in these organizations is not based upon social standing, or mere personal preference of the members, and no society may be of a secret nature or order. The spirit of democracy prevails. Each student organization has a faculty sponsor. The following grouping will show the variety and types.

The Student Body Association.

Honor Societies: Alpha Chi (scholarship), Phi Sigma Iota (modern language), Alpha Psi Omega (dramatic), Ampersand (senior women), Pi Kappa Delta (debating), Sigma Tau (English).

Department Clubs: American Chemical Society, Association Child Education, Brushes, Collegiate B. and P. W., Dana Press, Dramatic Club, Frog Forensic, Home Economics Club, International Relations, Les Grenouilles, Los Hidalgos, Natural Science Society, Parabola, Poetry Club, Timothy Club, T. C. U. Chamber of Commerce.

Music Organizations: Band, Men's Glee Club, Mixed Chorus, Orchestra, Women's Glee Club, T. C. U. Music Club.

Athletic Organizations: "T" Association (men who letter in athletics), Women's Sports Association.

Religious Groups: B. C. B. Association (for those training for full time Christian service), Student Christian Association, Homiletic Guild, Ministers' Wives Club.

Social Clubs: Bryson, Campus Club, Dames, Frogettes, Leti, Mavericks.

SCHOLARSHIPS

It is the desire of the University to encourage students of proven ability to continue their education, and to secure for them the aid of scholarships, when this is needed in T. C. U., and also in graduate schools after completing the degree here.

Any scholarship grant is based on the assumption that the student is carrying a normal load of 15 semester hours, and he must carry 12 semester hours at least.

Any scholarship is forfeited for the trimester following one in which the student makes less than a C average grade. It may be forfeited at mid-trimester for failure in work or conduct.

The value of the larger scholarships is \$150.00 to students who room and board on the campus, and \$75.00 to day students. One half the grant will be applied on tuition of each of two trimesters. At the present time, there is no difference in the scholarship regulations for any one of the trimesters of the calendar year. As a general rule, the larger scholarships apply only to students who room and board on the campus.

Music scholarships usually cover a specified amount of music tuition.

A student is not permitted to hold more than one scholarship at a time. As a general rule, students who receive scholarships should not work for the university for an extra stipend. In any case, students should not work more than twelve and one-half hours per week if they expect to do the kind of work they should in college.

The grant of any undergraduate scholarship becomes effective only after the student's eligibility has been checked and approved by the Dean of the Add-Ran College of Arts and Sciences acting for the Administrative Committee.

High School Scholarships. One scholarship to each accredited High School in Texas, Louisiana and New Mexico, for the highest grade student of the class, or for the second highest. The value is \$150.00 on the full bill for a dormitory student, or \$75.00 for a day student. Two \$150.00 scholarships are awarded to each of the eight Fort Worth High Schools for the highest grade boy and highest grade girl among the graduates in January and in June classes, and two for the one summer class. These are non-transferable. They are good for two trimesters (subject to rules) to be used within twelve months; but those issued to the mid-year class may be used within eighteen months. Scholarships are not sent out until the Principal or Superintendent certifies the name in each case.

Junior College Scholarships. Any graduate of a Junior College who ranks in the upper third of the class may apply for a scholarship: from the applicants, ten may be elected. This scholarship is for \$150.00 for a boarding student, or \$75.00 for a day student.

Student Leadership Scholarships for students who render outstanding service to the school life and make "C" average grades. Fifteen of these go to those who play lead instruments in the Band and Orchestra. A limited number of these scholarships may go to athletes under the restrictions of the Southwest Athletic Conference.

Ministerial Scholarships are explained under the head of Brite College of the Bible. See also *Pre-Ministerial Scholarships* below.

The York Rite Masonic Scholarship Fund is used to aid students from the Masonic Home, as selected by the Committee of the four York Rite Trustees. This fund is capitalized at \$10,000.00 and is growing by additions annually.

The Lollie S. Greene Scholarship Fund was endowed for \$2,500.00 by the late Dr. Robert M. Greene in memory of his wife. The income provides a scholarship annually for some worthy girl whose father or mother, or both are deceased. Dr. Greene was a kindly neighbor of the campus for many years.

The Wilbur M. Kidd and Wife Scholarship Fund of \$10,000.00 is a memorial bequest from the Estate of this good family of Dallas. It provides three or more scholarships each year for students of superior records, selected by the administration on the advice of the executor of the estate.

The W. H. Green Scholarship Fund, of \$5,000 donated by Mr. and Mrs. W. H. Green, Albany, Texas, provides a scholarship for some worthy student selected by the Administration and the donor.

The Harvey and Elizabeth Herd Scholarship, endowed by Mrs. Herd in the sum of \$10,250.00, provides a scholarship to a student with a superior record and need.

The Optimist Club of Fort Worth provides a scholarship in Juvenile Research for a boy who devotes a required amount of time to leadership of a Boy's Club in the city under the direction of the Professor of Sociology, and the Optimists.

The Kiwanis Club of Fort Worth provides a similar scholarship for the leadership of a Boys' Club.

The Amon G. Carter Jr. Scholarship provides \$200.00 each year for tuition in Texas Christian University. All bonafide City Carrier-Salesmen and regular newsboys of the Star-Telegram who have been working for as much as sixty per cent (60%) of the current school year are eligible to compete, regardless of classification, and no others. Grades as furnished by the school authorities will serve as the basis of determining the winner. Extra-curricular activities will not count as credit for or against any boy. In the event of a tie, the grades of the previous year will count, with Citizenship grades getting first consideration. If the first place winner can not use the scholarship for any reason, or cannot use it within a year from graduation from High School, it will go to the second place winner. This scholarship is good to Texas Christian University only. It is good within a year from date of High School graduation, but is non-transferable. This scholarship is paid by the Fort Worth Star-Telegram.

One Student Government Scholarship of \$50.00 (applicable to tuition) is awarded each year by the Student Council to the Freshman, Sophomore, or Junior student who, in the judgment of the faculty-student award committee, contributes most to the student government on the campus.

The Fred Strandberg Scholarship Fund provides aid for some worthy boy or girl attending Texas Christian University. Mr. Strandberg came to T. C. U. in April, 1920, and was a devoted employee until his death in September, 1943. His gift to the University represents in a measure his interest in the welfare of the students.

The W. K. Kellogg Foundation scholarships are available for qualified students in Medical Technology.

A Creative Writing Scholarship of \$150 a year has been established at Texas Christian University, to be awarded annually to a new student who shows literary ability. The scholarship is given by the Dallas T. C. U. Woman's Club to foster creative writing in Texas. Applicants should address the chairman, Department of English, T. C. U., Fort Worth. Either prose or poetry may be submitted, at least fifty lines of poetry or a minimum of five hundred words of prose. Material submitted must be indorsed by either the student's high school or junior college teacher, and accompanied by a brief transcript of his high school or junior college record. The award will be made on the basis of the candidate's scholastic record as well as on his writing ability. Material must be received by August 15.

Pre-Ministerial Scholarships

Pre-ministerial students who are certified by their churches and approved by the Dean of the Add-Ran College of Arts and Sciences will be given the following discount on their expenses:

Students carrying 9 semester hours or more will receive enough scholarship to reduce the tuition—

If living in the dormitory.....to \$25 per trimester

If not living in the dormitory.....to \$40 per trimester

Students carrying less than 9 hours will receive scholarships for one-half their tuition.

These scholarships apply equally to men and women who are properly certified and approved.

Since the number of scholarships is limited, application should be made to the Dean of the Add-Ran College as early as possible for this type of assistance. Pre-ministerial students will pay all other fees as indicated on pages 40-44.

LOAN FUNDS

The Ex-Students Loan Fund is available for use of Juniors and Seniors on recommendation of the Committee of which Dr. Gayle Scott is Chairman.

The *Loan Fund* of the *University Place Study Club* is handled by the Officers of this Club in making loans to Juniors and Seniors on recommendation of the Committee on loans, from whom the name and address of the Officers may be obtained.

The Freshman Loan Fund is provided by the Tarrant County Federation of Christian Church Women.

Loans for students preparing for the ministry are available through the office of the Dean of Brite College of the Bible in the following Funds:

The McFadin Ministerial Loan Fund,
Harrel Rea, Treasurer, % First Christian Church, Fort Worth.

The Loan Funds of S. N. Strange and Mr. and Mrs. E. F. Gates.

The Loan Fund endowed by Mr. and Mrs. George A. Ray of Pettus, Texas.

Students should apply for information at the office of the Dean of Brite College of the Bible.

The W. K. Kellogg Foundation Loan Fund is available for students of Medical Technology.

STUDENT EMPLOYMENT

A limited number of part time jobs for students at the University are available each year. Applicants should address the Business Manager. The Committee on Student Employment, S. W. Hutton, chairman, will assist those who desire part time work off the campus.

STUDENT PERSONNEL SERVICE

Personnel service is now an essential part of any university program. "While it is probably correct to regard good instruction as the most useful technique of guidance," and "where sound teaching is lacking, special guidance agencies can do little to make up for the deficiency," our complex industrial and occupational situation and our changing social situation have brought many perplexing problems to students, particularly in the first two years of college.

Texas Christian University, through the Director of Student Personnel, maintains a service for students who need assistance in solving their occupational, educational, social, or personal problems. Facilities for analysis by tests, interviews, and consultation with other counseling agencies are coordinated through the Student Personnel Office.

Students who have perplexing problems are urged to avail themselves of these services, and faculty members are urged to refer students who seem to be in need of these services to the Student Personnel Office.

TESTING BUREAU

As a definite part of the student personnel program, and under the supervision of the Director of Student Personnel, a complete testing service is provided. This service meets several definite needs: (1) to keep in step with the national and state testing movements; (2) to furnish much needed information for use in counseling students; (3) to aid in properly classifying students; (4) to aid students in better understanding their own strengths, weaknesses, and vocational aptitudes. Among the tests given are the following:

1. American Council on Education Psychological Examination.
2. The American Council on Education College Sophomore Testing Program.
3. American Council on Education Cooperative English Test.
4. Various special tests for individual analysis and guidance, as follows:
 - a. Personality analysis.
 - b. Social adjustment.
 - c. Study habit analysis.
 - d. Reading ability diagnosis.
 - e. Vocational interest inventory.
 - f. Vocational aptitude test.
 - g. Tests for various specific aptitudes.

Students who take any of these tests are given an opportunity for an interview for analysis and interpretation. Teachers are given compiled results of tests in which they are interested in order that they may better understand the students and may plan their work accordingly.

HONORS COURSES

Students who show high rating on the above tests are eligible to apply for the status of "Honors Candidate." If accepted by the Committee and the major professor, the student will be allowed to follow studies in his major field with more initiative, research, and individual freedom than usual. The methods will vary with the teachers and the student.

HONOR ROLL

A student to be eligible for the Honor Roll must be carrying at least nine (9) hours during the trimester in courses that credit toward a degree; make an average of B (2.000); be passing in each course he is carrying at the time the trimester grades are turned in; must not have a grade less than C (1.000); and must not have an "I" grade in any subject. The passing grades are A, B, C, D.

GRADUATION HONORS

At the time of graduation "honors with distinction" (formerly called "*cum laude*," etc.) will be awarded to 10 per cent of the graduating class, selected by a committee of the faculty on the basis of grade index and a comprehensive examination in the major field. To be eligible the student must have earned at least 60 semester hours in T. C. U. (exclusive of credit by examination or correspondence), and must have a point index of at least 2.25.

CREATIVE WRITING AT T. C. U.

T. C. U. has always encouraged creative writing among its students. The English Department offers a course in creative prose composition, emphasizes creative writing in the Southwest Literature course, the Invitation Freshman English, and in other classes. The T. C. U. Poetry Club publishes an annual anthology. The Bryson Poetry Prize, given by Mrs. Walter E. Bryson, is one of the oldest college awards in the state. Dr. Rebecca W. Smith, Mr. William Price Baker, and Mr. A. L. Crouch offer annual prizes in the short story, the drama, and Southwest Literature, respectively. Prizes for freshman writing are given by the Dallas T. C. U. Woman's Club. The awards in all of these contests are made at the Creative Arts Day Program, to which the Fine Arts Department contributes original musical compositions and an exhibit of paintings.

DORMITORY REGULATIONS

Undergraduate students under 21 years of age are expected to reside in the dormitories unless living at home or with relatives. Special exceptions will be permitted in the interest of working students.

It is the policy of the University as adopted by the Board of Trustees that each dormitory be under the supervision of a Hostess, or House Mother, who operates the dormitory much on the order of a well-regulated home. Parents in placing their sons and daughters in the dormitories, signify their confidence in the administration and pledge their cooperation in making the dormitories as desirable homes as they can possibly be. Students living in the dormitories are expected to enter fully into the spirit and atmosphere of the homes.

Rules are not enumerated, because the matter of living together in a home is not approached in the spirit of rules. It is the general policy to make and interpret regulations for the good of the individual and to be as liberal as is consistent with good studentship and orderly living together in an atmosphere which should characterize a Christian institution.

Practically all rooms are for two students. They are ample in size, having two large clothes closets, running water, and are furnished with two beds of three-quarter size, two dressers, study tables, and chairs. Each student must furnish his own towels, bedding, pillow, sheets, pillow cases, bed spread, dresser scarf, and waste basket. He may include other articles such as rugs, pictures, and curtains to make the room more comfortable and attractive.

OUT-OF-TOWN STUDENTS

It is advisable for all out-of-town students to live on the campus. Such students may live off the campus if they have relatives or friends and if written permission of the parents is sent to the Business Manager of the University. All students who live on the campus are required to eat in the University Cafeteria.

DISCIPLINE

The discipline of the institution is in the hands of the President and the Committee on Student Welfare. The details are, in immediate charge of the Director of Student Personnel and the Dean of Women and the Hostesses of the dormitories.

Minor problems in connection with dormitory life are worked out by the Hostesses in cooperation with the Director of Student Personnel and the Dean of Women.

Major problems involving gross violations of good conduct, such as profanity, gambling, drinking, insubordination, disrespect to authority, or destruction of university property are referred by the Director of Student Personnel and the Dean of Women to the Committee on Student Welfare. This committee investigates the case and if a violation is found, may recommend to the President that the offender be removed from the University community. A student who is manifestly out of harmony with the ideals of the university may be dismissed from the university without specific charge.

Students are invited to cooperate with the administration in maintaining such ideals of life as to make disciplinary problems rare.

Hazing of all kinds and secret societies are forbidden, and students by their matriculation pledge themselves to abstain from them.

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

Cases of dishonesty in tests, quizzes, examinations, writing of themes, or other class assignments are handled by the Committee on Academic Honesty in cooperation with the teacher in whose class the dishonest act was committed. A first offense usually involves loss of credit; repeated or aggravated offenses, suspension from the University. Academic dishonesty is defined as any attempt on the part of a student to receive credit for work other than his own. Unless proper credit is given the original author through the use of quotation marks, footnotes, or other explanatory notices, it is assumed that all written work offered is the student's own. Presenting written work for credit in the form of notes, themes, reports, problems, etc., prepared by another person, shall be considered dishonesty. Willfully giving or receiving aid in any form, during a quiz or examination, shall be considered cheating.

SUSPENSION ON ACCOUNT OF ACADEMIC FAILURES

The student whose grades indicate he is either unwilling or unable to pass his work will not be retained in the University: 1. If he makes a grade below "D" in three-fifths of his work in one trimester, except in the case of a first-term Freshman. 2. If a Freshman fails in three-fifths of his work in his first trimester he will be placed on academic probation until the close of the first half of the following trimester; then if he is failing in three-fifths of his work he will be suspended until the beginning of the next trimester. 3. Any student who fails again in three-fifths of his work in any trimester must remain out of the University for at least one trimester.

ABSENCE FROM CLASS

Teachers should report to the Registrar's office the name of any student who is absent from three consecutive class periods or has an accumulation of absences which endangers his record. The student should arrange with the teacher in advance for a necessary absence, or explain it immediately on return.

Groups, such as athletic teams, glee clubs, etc., may not be absent from the University more than twelve days total in one trimester.

ELIGIBILITY TO REPRESENT THE SCHOOL IN PUBLIC

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

THE CREDIT OR SEMESTER HOUR

The unit of calculating credit is the semester hour. One hour a week of recitation for a trimester of 16 weeks is counted as one semester hour. Three hours of laboratory period are considered the equivalent of one hour of recitation.

GRADING AND POINT SYSTEM

The definition of grades, and the point system designed to stimulate quality of work, are indicated as follows:

A—Reserved for exceptional work—3 points per sem. hr.

B—Implies superior work—2 points per sem. hr.

C—Means medium work—1 point per sem. hr.

D—Means inferior work—0 point per sem. hr.

F—Means failure— —1 point per sem. hr.

I—Means incomplete (must be removed within first 30 days of the trimester immediately following or it becomes an F. The fee for removing an "I" is \$2.00).

N—"No grade"—Used only at mid-trimester.

P—"Passing"—Used only when student drops a course after first six weeks.

S—"Satisfactory"—Used in recording grade for Orchestra, Chorus, Glee Club and P. T.

U—"Unsatisfactory"—(Used in recording grade for Orchestra, Chorus, Glee Club and P. T.)

Each student, in order to graduate, must have a C average under the point system on all work for which he enrolls. A course dropped, after the first six weeks, while the student is failing is counted F. A course dropped while the student is passing is not included in the calculation. In case a course is taken more than once, the higher grade is counted in the calculation, the lower grade or grades and hours disregarded. The grades are counted separately by trimesters.

ACADEMIC LOAD

The student of average ability can carry five subjects, or 15 semester hours per trimester. A student carrying more than 16 hours will receive credit as determined by the following table:

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

For less than 1.00 he will receive credit for each course passed, to the maximum of 15 hours. To carry 18 hours the student shall have demonstrated his ability to make an average of B (2.00). Requirements for graduation include 120 semester hours and a minimum of 120 grade points.

Grades are reported to the parents at the middle and end of each trimester.

THE UNIVERSITY YEAR

In cooperation with the program of the Navy V-12 Unit at T. C. U., the University will operate on an accelerated schedule during the present emergency. Three trimesters of 16 weeks each will begin near July 1, November

1 and March 1, respectively. These periods will be known as Summer-Fall Trimester, Winter Trimester, and Spring Trimester. Most students are expected to attend throughout the year. Courses scheduled for any shorter term will be announced in the Summer-Fall Bulletin, the Evening College Catalogue, or in special announcements.

THE SUMMER SCHOOL

As a part of the accelerated program, periods previously known as the summer terms have been replaced by the two terms of eight weeks each which constitute the Summer-Fall Trimester: The Summer Term of 1944 begins July 3 and ends August 29. The Fall Term begins August 28 and ends October 24. By this schedule the "summer school" student may enter July 3, or August 28, and attend either eight weeks or sixteen weeks. A similar plan will be followed in 1945. Those interested should write the Registrar, requesting a copy of the Summer-Fall Catalogue.

ENTRANCE REQUIREMENTS

Character and Pledge. To be admitted, the applicant must be of good moral character, and must present a transcript of credits, properly signed, from the last school attended, high school or college, including a statement of honorable dismissal. This should be mailed to the Registrar, Texas Christian University, Fort Worth, Texas, some weeks before arrival of the student, if possible.

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

Vaccination. Each student must present a physician's certificate showing either that he has had smallpox, or has been successfully vaccinated, within the last three years. Those who do not, will be vaccinated by the University physician. (Fee, \$1.00.)

SCHOLASTIC REQUIREMENTS FOR ADMISSION

Applicants under 21 years of age, except those who have served in the armed forces of the United States, must have been graduated from an accredited high school and with fifteen (15) accredited units, including: English, 3; history, 2; mathematics, 2; science 1. Any of these may be obtained by examination, either in T. C. U. or under the State Department of Education.

If the applicant presents graduation and fifteen accredited units, including 3 in English, he may enter and be allowed to make up the missing units. In no case will an entrance examination be permitted in a subject after the subject has been taken in college.

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

These tentative credits will become approved by the completion of a college course in each respective subject; one year in college in English, mathematics, history, science, a foreign language will approve respectively, English 3 units, mathematics 2 units, history 2 units, science 1 unit.

When a student has approved these units, he will be given credit for all other units he has actually taken in a secondary school up to a total of the required fifteen. The second year of a college foreign language will approve two units of that language for entrance.

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

Cumulative Record an Auxiliary for Admission and for Guidance. Some high schools are maintaining or developing cumulative records of tests and personal characteristics of students. The Association of Texas Colleges is fostering a series of objective tests with cumulative records. As these are introduced they will be valuable aids to the student and to the college, especially in guiding the student. These will be taken into account in the admission of students.

These should show accurate records of the results of comparable (objective) measures of intellectual capacity and of achievement in the important subjects, and other items suggested in such standard forms as those provided by the American Council on Education and the Educational Records Bureau.

TRANSFERS AND ADVANCED STANDING

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

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

CREDIT FOR THOSE IN MILITARY SERVICE

Students who are in good standing and passing all their work will be given credit for the courses for which they are enrolled if they are called to military service after they have gone half-way or beyond in the term at T. C. U.

If young men and women are called to military service before completing the last two years of high school, they will be admitted to Texas Christian University on *individual approval* when they return from service if they are eighteen years of age or above and have valid and sufficient education achievement as measured by the tests which will be available.

The Armed Forces Institute is helping all young people to continue their educational work while in service. Our Institution will recognize this work in admitting students and in giving advanced standing and will give reasonable credit for any real educational achievement made through this program or in any other valid way. The Institute has devised batteries of tests which will enable each one to determine his sound educational advancement and on the basis of which the colleges and universities may grant credit.

Texas Christian University will not grant "blanket credit" for any length of military service, but it will give reasonable credit for any sound and measurable educational achievement which the young men or women may make while in military service.

CORRESPONDENCE WORK

Texas Christian University does not offer courses by correspondence. A limited amount of credit, usually not more than 18 semester hours, taken by correspondence in a standard school will be accepted toward a degree. No correspondence course may be carried while the student is in residence work. Permission to take correspondence work must be secured from the Dean or Registrar. Any course begun by correspondence must be completed before enrolling for residence. No correspondence work is accepted for graduate credit. A course in which the student has failed to make a passing grade may not be taken later by correspondence. Right is reserved to require our own examination on any correspondence course offered toward graduation.

DEGREES

The following degrees are conferred by Texas Christian University. Each degree is listed after the name of the college whose curricula lead to the completion of the major subject requirements for the degree.

Add-Ram College of Arts and Sciences: The degree of Bachelor of Arts, with majors in the usual academic departments, including the natural sciences, also the fine-arts. The degree of Bachelor of Science, with majors in Home Economics and Nursing. This represents a change in policy, which began in September, 1935. Before, the B. S. had been reserved for majors in the natural sciences, which, it is maintained, is the more consistent use of the term. The practice of using the B. S. for the semi-professional major, however, is so general that this institution is constrained to adopt it for the sake of clarity. Majors in the sciences will receive the B. A. degree.

Brite College of the Bible: The degree of Bachelor of Divinity.

The School of Business Administration: The degree of Bachelor of Science in Commerce.

The School of Education: The degree of Bachelor of Science in Education.

The Evening College offers many courses leading to the several degrees.

School of Fine Arts: The degrees of Bachelor of Arts in Art, Bachelor of Arts in Speech-Drama, Bachelor of Music, Bachelor of Music Education, Bachelor of Arts in Music, Bachelor of Arts in Music Education, Bachelor of Arts in Church Music.

The Graduate School: The degrees of Master of Arts, Master of Science, Master of Business Administration.

REQUIREMENTS FOR GRADUATION

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

A student may graduate under the requirements of the catalogue in force during the session in which he first enrolled, provided he graduates within six years from the end of that session. The summer term may count as a part of the session before or after it. A student may graduate under the requirements of the catalogue of the session in which he graduates. It is expected that the requirements of the catalogue chosen will be followed as a whole.

1. *General Requirements:**Required Subjects for B. A. Degree:*

Religion—6 sem. hrs. (3 sem. hrs. must be advanced), all of which may be chosen from Religion 320, 323 and 330; or 3 sem. hrs. from the courses named above and 3 sem. hrs. chosen from 311, 337, 339, 341, 345, 350, and 352.

English—12 sem. hrs. (Eng. 311 and 324).

A foreign language—6 sem. hrs. (numbered 321 or above).

Social science—6 sem. hrs. (usually Soc. Sci. 312).

Psy. or Phil.—3 sem. hrs.

Science—6 sem. hrs. (If no high school science was presented then 12 s. h.)

Physical Training—2 years (taken in first two years).

Required Subjects for B. S. Degree:

Religion—6 sem. hrs. (3 sem. hrs. must be advanced), with same choice as for B. A. degree.

English—12 sem. hrs. (Eng. 311 and 324).

Social science—6 sem. hrs. (usually Soc. Sci. 312).

Psy. or Phil.—3 sem. hrs.

Science—6 sem. hrs. (Biology, if degree in Education).

Physical Training—2 years (taken in first two years).

For other degrees see catalogue sections devoted to the School of Business, the School of Fine Arts, and the Graduate School, and the Brite College of the Bible Catalogue.

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

2. *Majors and Minors.* Each student will elect by the end of his sophomore year a major with a minimum usually of 24 semester hours, and a minor of 18 hours, approved by the head of the department, in writing. Under each department in the catalogue will be found a statement of the requirements for a major in that department, and the available minors.

3. *Total of Credits.* Each student is required to make before graduation a total of 120 semester hours with a grade point index of at least 1.0 under the point system, doing resident work in this University at least 32 weeks, earning at least thirty semester hours in addition to any number accepted from other schools, or used for another degree. Thirty of the 120 semester hours must be advanced courses; that is, numbered in the 30's, 40's, or 50's. At least 30 semester hours of advanced work must be done in Texas Christian University.

If a second Bachelor's degree is taken, an additional 30 hours of advanced work will be required.

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

On work done in this institution a transfer student must make a grade index of 1.0 under the point system.

INSTRUCTIONS FOR REGISTRATION

Those who plan to enter Texas Christian University for the first time should study carefully the following instructions, and also the calendar on page 5 of this catalogue.

First. Write to the "Registrar of Texas Christian University, Fort Worth 9, Texas," for application blank.

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

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

Fourth. All students, both those who have previously attended the University and those entering for the first time, are required to devote two days to registration routine, that everything may be in readiness for the first class session. Full details of the routine of registration and for the pre-registration activities of freshmen students will be available at the time of registration.

Fifth. Both new students and those who have formerly attended the University should study the catalogue very carefully before time for registration. Special emphasis should be given to course descriptions, tables of courses, regulations governing majors and minors, the student giving particular thought to his vocational goal. At the time of registration, department heads and faculty members will be available to discuss and aid in the solution of any perplexing problems.

Sixth. A physical examination is required of all new students. A definite time will be provided in the period of registration. If delayed, a fee of \$1.00 will be charged.

TABLES OF COURSES

These are printed to guide the student in the selection of courses for the first two years of undergraduate work. The final decision should be made only after advising with the Counselors or the Registrar or the Dean of the College concerned. It is better to have a comprehensive program of study rather than to follow too exclusive specialization in undergraduate work.

The first two years of college work is foundational, hence is much the same for any course the student may have in mind.

Fine Arts students should see tables under that division of the catalogue.

Ministerial students should see Table XIII and the Brite College of the Bible catalogue. Undergraduate ministerial students should consult the Head of the Department of Religion.

TABLE I. *General for the B. A. Degree, for Students not Majoring in Science.*

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|--|--------------|---------------------------------|--------------|
| 1. English 311ab | 6 | 1. English 324ab | 6 |
| 2. A foreign language..... | 6 | 2. Religion 320 or 323 and..... | 3 |
| French 311ab or 321ab., Ger- | | Phil. or Psy..... | 3 |
| man 311ab or 321ab, Span- | | 3. The major subject..... | 6 |
| ish 311ab or 321ab. | | 4. and 5. Electives | 12 |
| 3. Social Science 312ab (Hist. 312) .. | 6 | | — |
| 4. A Science: | 6 | Total..... | 30 |
| Biol. 311ab, Chem. 411ab (8 | | | |
| s. h.) Geol. 318ab, Physics | | | |
| 411ab (8 s. h.) | | | |
| 5. Select from the following..... | 6 | | |
| a. Math. 312a or 315, 312b or | | | |
| 316, 511ab or 513ab. | | | |
| b. Speech-Drama 315, 317ab. | | | |
| Speech-Drama 323 is usual- | | | |
| taken in the sophomore | | | |
| year, but is open to fresh- | | | |
| men by permission of the | | | |
| instructor. | | | |
| c. Religion 311, Music, or Art. | | | |
| d. Philosophy 319 (<i>Spring</i>). | | | |
| Total..... | 30 | | |

TABLE II. For Students Taking the B. A. Degree with a Major in Biology or in Geology.

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|---|--------------|---|--------------|
| 1. English 311ab | 6 | 1. English 324ab | 6 |
| 2. Foreign language 311ab or 321ab | 6 | 2. The major subject | 6 |
| 3. Math. 312a or 315, 312b or 316 (6) or 511ab or 513ab..... | 8 | 3. Religion 320 or 323 and Phil. or Psy..... | 3 |
| 4. Biology 311ab | 6 | 4. Govt. 327, 328, or Chem. 411ab (8) | 6 |
| 5. Geology 318ab | 6 | 5. The minor subject | 6 |
| <hr/> | | <hr/> | |
| Total..... | 32 | Total..... | 30 or 32 |

(A major in General Science will take the above grouping during the Freshman year, but thereafter should consult the special advisors. By the end of the Freshman year, the candidate should choose between the elementary and the secondary groups.)

TABLE III. For Students Taking the B. A. Degree with a Major in Chemistry or Physics.

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|------------------------------|--------------|--------------------------------------|--------------|
| 1. Chemistry 411ab | 8 | 1. English 324ab | 6 |
| 2. Physics 411ab | 8 | 2. Math. 522ab | 10 |
| 3. Math. 511ab or 513ab..... | 10 | 3. German 311ab (or 321ab)..... | 6 |
| 4. English 311ab | 6 | 4. Religion 320 or 323, and Psy. 321 | 6 |
| <hr/> | | 5. Major Subject (6, or 8)..... | 6 |
| Total..... | 32 | <hr/> | |
| | | Total..... | 34 |

TABLE IV. For Students Working Toward the B. S. in Education Degree with a Major in Elementary Education.

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|--|--------------|---|--------------|
| 1. English 311ab | 6 | 1. English 324ab | 6 |
| 2. Biology 311ab | 6 | 2. Psy. 321 | 3 |
| 3. Social Science 312ab (History 312ab) | 6 | 3. Education 320 | 3 |
| 4. Pub. Sch. Art 311ab..... | 6 | 4. Child. Psy. 322..... | 3 |
| 5. Electives | 6 | 5. Music Ed. 339ab..... | 6 |
| From Phys. Ed. 311ab, Math. 312a or 315, 312b or 316, Speech-Drama 315, 317ab, Phil. 319 (Spring) | 6 | 6. Govt. 328 | 3 |
| <hr/> | | 7. Religion 320 or 323..... | 3 |
| | | 8. Elective | 3 |
| | | From History 332ab, Soc. 321, Phil. 323, Govt. 327 | 3 |
| Total..... | 30 | <hr/> | |
| | | Total..... | 30 |

TABLE V. For Students Working Toward the B. S. in Education Degree with a Major in Secondary Education.

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|--|--|--------------|---|--|--------------|
| 1. English 311ab | | 6 | 1. English 324ab | | 6 |
| 2. Social Science 312ab (History 312ab) | | 6 | 2. Psy. 321 | | 3 |
| 3. Biology 311ab | | 6 | 3. Religion 320 or 323 | | 3 |
| 4. and 5. Electives..... | | 12 | 4. Govt. 328 | | 3 |
| From a foreign language, Math. 312a or 315, 312b or 316, or 511ab or 513ab, Speech 315, 317ab, Home Eco., Music, another freshman science, Phys. Ed. 311ab, Phil. 319 (Spring) | | | 5. Education 320, 323 | | 6 |
| Total..... | | 30 | 6. Elective | | 3 |
| | | | Suggested Ed. 322, Govt. 327. | | |
| | | | 7. To be selected from subject to be taught in high school..... | | 6 |
| | | | Total..... | | 30 |

TABLE VI. For Students Intending to Take the Degree of B. S. in Physical Education.

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|--|--|--------------|---------------------------------|--|--------------|
| 1. English 311ab | | 6 | 1. English 324ab | | 6 |
| 2. Biol. 311ab | | 6 | 2. Psy. 321, and Govt. 328..... | | 6 |
| 3. Physical Ed. 311ab..... | | 6 | 3. Phys. Ed. 322ab..... | | 6 |
| 4. Social Science 312ab (History 312ab) | | 6 | 4. and 5. Electives..... | | 12 |
| 5. Electives | | 6 | | | |
| From Chem. 411ab (8), foreign language, Math 312a or 315, 312b or 316 (6), or 511ab or 513ab (10), Speech-Drama 315, 317ab, Phil. 319 (Spring) | | | | | |
| Total..... | | 30 | Total..... | | 30 |

TABLE VII. For Students Desiring the Degree of B. S. in Home Economics.

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|-------------------------------|--|--------------|--|--|--------------|
| 1. English 311ab | | 6 | 1. English 324ab | | 6 |
| 2. Foods 312ab | | 6 | 2. Home Eco. 323ab..... | | 6 |
| 3. Biol. 311ab | | 6 | 3. Biol. 322ab | | 6 |
| 4. Textiles 315 (Winter)..... | | 3 | 4. Home. Ec. 324 and Psy. 321..... | | 6 |
| 5. *Chemistry 411ab | | 8 | 5. Religion 320 or 323 and Soc. 321 or Eco. 321ab..... | | 6 |
| Total..... | | 29 | Total..... | | 30 |

*Chemistry may be taken either in Freshman or Sophomore year. All students planning to major in Home Economics should consult Miss Enlow.

TABLE VIII. For Pre-Law on Combination Course.

| <i>Freshman</i> s. h. | <i>Sophomore</i> s. h. | <i>Junior</i> s. h. |
|---|--|---|
| English 311ab 6 | English 324ab..... 6 | Religion (Adv.)..... 3 |
| Math. 312a or 315, 312b or 316, or 511ab or 513ab (10) 6 | Govt. 326, 328..... 6 | Phil. or Psy..... 3 |
| Foreign Language... 6 | Chem. or Physics..... 8 | Electives: Eco., Govt., Hist. (Adv. 15) .....27 |
| Soc. Sci. 312ab (Hist. 312ab) 6 | Foreign Language or Religion (3), and Phil. or Psy. (3).. 6 | |
| Biol. (8) or Geol..... 6 | Electives: Acct. 322ab, Eco. 321ab, Hist. 332 or Soc. 321 6 | |
| Total.....30 | Total.....32 | Total.....33 |

The electives must be selected so that the total will include 36 hours in Social Sciences (including Government 326, 328), of which 15 hours must be advanced; not more than 12 hours may be Freshman. Additionally there must be 15 hours elective from other Liberal Arts subjects (of which 6 must be advanced); or Acct. 322ab and six advanced hours.

TABLE IX. For Pre-Medical Students on Combination Degree.

| <i>First Trimester</i> | <i>Freshman</i> | <i>Second Trimester</i> |
|--------------------------------------|--------------------------------------|-------------------------|
| | s. h. | s. h. |
| Biol. 411a 4 | Biol. 411b 4 | |
| Chem. 411a 4 | Chem. 411b 4 | |
| Math. 315 3 | Math. 316 3 | |
| English 311a 3 | English 311b 3 | |
| Total.....14 | Total.....14 | |
| | <i>Sophomore</i> | |
| Biol. 527 5 | Chem. 421a 4 | |
| French or German 311a or 321a..... 3 | French or German 311b or 321b..... 3 | |
| Govt. 326 or 327..... 3 | Govt. 328 3 | |
| Religion 320 3 | Psy. 321 3 | |
| | *Hist. 332a 3 | |
| Total.....14 | Total.....16 | |
| | <i>Junior</i> | |
| Chem. 431a 4 | Chem. 431b 4 | |
| *Hist. 332b 3 | Religion 330 3 | |
| Fr. or German 3 | French or German..... 3 | |
| Physics 411a 4 | Physics 411b 4 | |
| Eng. 324a 3 | Eng. 324b 3 | |
| Total.....17 | Total.....17 | |

*Required of pre-medical students applying to the University of Texas Medical School.

The student completing the above with a point index of 1.500, or higher, may enter medical school with the status of "senior in absentia" and will receive our B. S. degree upon the completion of his first year in medicine, subject to the "Provision for the Combination Courses" below. If the candidate has made an index lower than 1.500 his entrance into Medical College will be opposed by the faculty.

Pre-medical students are advised to take the full B. A. degree; in any case they should follow the counsel of the faculty in choosing courses.

Pre-law students are urged to take the four-year curriculum and the B. A. degree, in which case they may enter Law School without presenting any specified subjects. A student entering Law School on three years of college work, 93 semester hours (the minimum permitted) must present certain specified subjects. These are all included in Table VIII. Mathematics and a foreign language are required. A student completing these 93 hours in T. C. U. on completing the first year at a standard Law School, with a "C" average in both T. C. U. and Law School, separately, will be entitled to receive the B. A. degree from T. C. U. This is subject to the provision in the next paragraph.

Provision for the Combination Courses in Law and in Medicine. In order to have this privilege the student must have petitioned for one of the combinations before leaving this institution, secured written official approval of his courses from the Registrar's office, and have arranged satisfactorily for the fulfillment of all the general requirements for the degree. The ninety-three semester hours of college work must be completed before entering the professional school, but special permission may be secured to complete a small amount in summer terms later, provided this arrangement is made before the student leaves the University.

TABLE X. *For Medical Technologists.*

These combinations are subject to modification to fit the changing needs of the accelerated program due to war conditions.

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> | <i>Junior</i> | <i>s. h.</i> |
|--|--------------|--------------------|--------------|------------------------|--------------|
| Biol. 311ab..... | 6 | Biol. 527..... | 5 | Biol. 335a..... | 3 |
| Chem. 411ab..... | 8 | Chem. 421a..... | 4 | Biol. 332..... | 3 |
| Math. 312a or 315, and 312b or 316, or Soc. Sci. 312ab | 6* | English 324ab..... | 6 | Chem. 431ab..... | 8 |
| English 311ab..... | 6 | Physics 411ab..... | 8* | Govt. 328 and 327..... | 6 |
| Religion 320 or 323.. | 3 | Biol. 336..... | 3 | Psy. 321..... | 3 |
| | | Religion 330..... | 3 | Elective | 6 |
| Total..... | 29 | Total..... | 29 | Total..... | 29 |

*Math. and Physics are advised but optional.

On completion of the above courses in Texas Christian University, if the student's point index is 1.500 or higher, he may enter the School of Medical Technology in Harris Memorial Methodist Hospital. After satisfactory service in this school for twelve months he will receive our B. S. degree. The requirement for entrance into the Technology Course in the Harris Memorial Methodist Hospital is the above three-year program in T. C. U. or a Bachelor's Degree from any standard college. Many hospitals will admit the student on a minimum of two years of prescribed college work.

TABLE XI. For the Degree of Bachelor of Science in Nursing.

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|---------------------|-------|--------------|---------------------|-------|--------------|
| English 311ab | ..... | 6 | English 324ab | ..... | 6 |
| Biol. 311ab | ..... | 6 | Home Eco. 312a, 314 | ..... | 6 |
| Chem. 411ab | ..... | 8 | Biol. 322a | ..... | 3 |
| Biol. 322b | ..... | 3 | Phil. 323 | ..... | 3 |
| Religion 320 or 323 | ..... | 3 | Psy. 321 | ..... | 3 |
| Soc. Sci. 312ab | ..... | 6 | Sociology 322 | ..... | 3 |
| | | | Religion 323 or 330 | ..... | 3 |
| | | | Elective | ..... | 3 |
| Total | | 32 | Total | | 30 |

On completion of the above the candidate will take the regular three years' course in nursing at the Harris Memorial Methodist Hospital. The B. S. degree will be conferred on graduation from the Hospital.

Graduate nurses who wish to apply for this degree will receive 30 semester hours credit. To receive the degree they must satisfy the requirements listed above and 30 additional hours in approved courses.

TABLE XII. For Students in Engineering
Freshman Year

| | | <i>s. h.</i> | | | <i>s. h.</i> |
|----------------------------|-------|--------------|--------------------------|-------|--------------|
| English 311a | ..... | 3 | English 311b | ..... | 3 |
| Math. 315 (Alg.) | ..... | 3 | Math. 318 (Anal. Geom.) | ..... | 3 |
| Math. 316 (Trig.) | ..... | 3 | Descr. Geom. | ..... | 3 |
| Mech. Draw. | ..... | 3 | Govt. 327 | ..... | 3 |
| *Chem. 411a, or Phys. 411a | ..... | 4 | Chem. 411b or Phys. 411b | ..... | 4 |
| Engineering Lectures | ..... | 0 | Engineering Lectures | ..... | 0 |
| Total | | 16 | Total | | 16 |

Sophomore Year

| | <i>s. h.</i> |
|------------------------------------|----------------|
| Math. 522ab (Calc.) | 10 |
| English 324ab | 6 |
| Chem. 411ab or Physics 411ab | 8 |
| Electives from the following table | 8 to 11 |
| Total | 32 to 35 |

| | <i>s. h.</i> |
|--|--------------|
| For Chem. Eng.:—Chem. 421ab (Quant. Anal.) | 8 |
| For Civil Eng.:—Surveying | 8 |
| Anal. Mech. | 3 |
| For Elec. Eng.:—Phys. 331ab (Elec.) | 6 |
| Anal. Mech. | 3 |
| For Mech. Eng.:—Surveying | 4 |
| Anal. Mech. | 3 |
| Elective | 3 |
| For Pet. Eng.:—Geol. 318ab | 6 |
| Chem. of Hydrocarbons | 3 |
| For Aero. Eng.:—Surveying | 4 |
| Anal. Mech. | 3 |
| Elective | 3 |

*Chem. Engineers and Petr. Engineers take Chem. 411ab; Aeronautical and Electrical Engineers take Phys. 411ab. Both Chem. 411ab and Phys. 411ab must be completed by the end of the Sophomore year.

TABLE XIII. For Undergraduate Ministerial Students.

| Freshman | | s. h. | Sophomore | | s. h. |
|-------------------------------------|---|-------|--|----|-------|
| English 311ab..... | 6 | | English 324ab..... | 6 | |
| Biology 311ab or any science..... | 6 | | Psy. 321, Rel. 323..... | 6 | |
| Social Science 312ab..... | 6 | | A social science..... | 6 | |
| Speech 324ab..... | 6 | | Electives from Phil. 322, 323, Soc. | | |
| Phil. 319, Religion 320..... | 6 | | 321, Rel. 322, 311..... | 12 | |
| Junior | | | Senior | | |
| Religion 330 and 335 or 337..... | 6 | | Rel. 339 and 350, or 345ab..... | 6 | |
| History 342ab..... | 6 | | Major and minor or electives from | | |
| Phil. 334ab..... | 6 | | Rel., Hist., Eng., Phil., Soc., etc..... | 8 | |
| Greek or another foreign language.. | 6 | | Greek or other foreign language..... | 6 | |
| Religion 347..... | 3 | | Rel. 341 and 351 or 352..... | 6 | |
| Electives | 3 | | Rel. 250ab..... | 4 | |

Religion 024 should be carried through six trimesters, beginning with either Freshman or Sophomore year.

Note: For additional tables see section of the catalogue devoted to the School of Business and the School of Fine Arts.

RATES AND FEES

After a student has been enrolled for courses he *must go in person* to the Business Office and make payment, or *arrange for terms*. He will then receive *Admit to Class Cards* signed by the Cashier. Students will not be admitted to class without the card. Students and patrons are advised that any financial arrangement with the Business Office except for cash should be made in advance, and that registration should be completed during the dates set aside for registration so there will be no delay in starting class work.

Room deposits should be made in advance, since room assignments are made in the order received.

Charges for students registered for courses in the Evening College only are listed in the Evening College Catalogue.

Under the name *Tuition* is included the charge for instruction in regular class work, with no extra charge for use of the library and gymnasium, nor for non-credit classes in required physical training.

Class work in music is figured at the regular tuition rate. For private lessons in music, and for special art fees, see the School of Fine Arts section of this catalogue.

Laboratory and special service fees are listed separately below.

LIST

| | |
|---|---------|
| Tuition, seven dollars (\$7.00) per semester hour..... | \$ 7.00 |
| Matriculation Fee, four dollars (\$4.00) for each registration..... | 4.00 |
| Student Publication Fees: | |
| The Horned Frog, Annual, payable November 1..... | 5.00 |
| The Skiff, student weekly newspaper, per trimester..... | 1.00 |
| Student Body Fee, payable November 1..... | .25 |
| Medical Fee for Dormitory Students, per trimester..... | 7.50 |

Rooms for Women in Foster Hall:

| | |
|---|-------|
| Corner rooms, private bath, per trimester (16 weeks)..... | 80.00 |
| Other rooms, private bath, per trimester..... | 64.00 |
| Other rooms, per trimester..... | 48.00 |

Rooms for Men in Goode Hall, per trimester..... 40.00

Jarvis Hall for women, and Clark Hall for men, are temporarily under contract for use by the U. S. Navy.

Board (at 9.00 per week), per trimester..... 144.00

All dormitory students take their meals at the University Cafeteria.

DEPOSITS

Students entering for the first time also pay:

| | |
|---|------|
| Room Deposit, if in Dormitory (refundable)..... | 6.00 |
| Library Deposit (\$4.00 refundable)..... | 5.00 |

These deposits are refundable if all accounts with the Business Office have been paid.

See below for Chemistry Breakage Deposit.

SAMPLE TABLE OF NORMAL EXPENSES

For Students Not in the Dormitory

| | <i>Winter Trimester</i> | <i>Spring Trimester</i> |
|---|-----------------------------|-----------------------------|
| Tuition for 15 semester hours at \$7.00 per semester hour.. | \$105.00 | \$105.00 |
| Tuition will vary according to the load carried. | | |
| Matriculation Fee..... | 4.00 | 4.00 |
| Student Publication Fees: | | |
| The Horned Frog, Annual..... | 5.00 | |
| The Skiff, student weekly newspaper..... | 1.00 | 1.00 |
| Student Body Fee..... | .25 | |
| | \$115.25 | \$110.00 |

Add Library Deposit on first entrance, Laboratory Fees if applicable, and books.

For Dormitory Students

| | <i>Winter Trimester</i> | | <i>Spring Trimester</i> | |
|--|-------------------------|-----------|-------------------------|-----------|
| | <i>From</i> | <i>to</i> | <i>From</i> | <i>to</i> |
| Tuition, 12 to 15 sem. hrs..... | \$ 84.00 | \$105.00 | \$ 84.00 | \$105.00 |
| Tuition will vary according to the load carried. | | | | |
| Matriculation Fee..... | 4.00 | 4.00 | 4.00 | 4.00 |
| Student Publication Fees: | | | | |
| The Horned Frog, Annual..... | 5.00 | 5.00 | | |
| The Skiff, student weekly newspaper..... | 1.00 | 1.00 | 1.00 | 1.00 |
| Student Body Fee..... | .25 | .25 | .25 | .25 |
| Medical Fee..... | 7.50 | 7.50 | 7.50 | 7.50 |
| Room | 40.00 | 80.00 | 40.00 | 80.00 |
| Board, 16 weeks at \$9 per week..... | 144.00 | 144.00 | 144.00 | 144.00 |

From \$285.75 to \$346.75 \$280.75 to \$341.75

Add Library Deposit on first entrance, Laboratory Fees if applicable, and books.

LABORATORY FEES

| | <i>First Trimester</i> | <i>Second Trimester</i> |
|--|----------------------------|-----------------------------|
| Biology or Geology 311, 318, 329, 332, 334..... | \$ 10.00 | \$6.00 |
| Biology 527..... | 15.00 | |
| Biology 335..... | 10.00 | 6.00 |
| Biology 336..... | 6.00 | |
| Geology 330..... | 6.00 | 3.00 |
| Geology 335..... | no fee | no fee |
| Geology 336..... | no fee | no fee |
| Biology or Geology—all courses not listed above..... | no fee | no fee |
| Chemistry 411..... | 10.00 | 6.00 |
| Chemistry 421..... | 12.50 | 7.50 |
| Chemistry 431..... | 15.00 | 10.00 |
| Chemistry 441..... | 5.00 | 5.00 |
| Chemistry 351, 352..... | 12.50 | 12.50 |
| Chemistry 042, 254..... | no fee | no fee |
| Chemistry 053..... | \$3.00 per semester hour | |
| Physics 411, 322, 331, 341..... | 10.00 | 6.00 |
| Physics 320, 321..... | 8.00 | |
| Physics 336, 340..... | no fee | no fee |
| Physics 050..... | \$3.00 per semester hour | |

Home Economics Laboratory Fees (see Department of Home Economics).

Chemistry Breakage Deposit.

All chemistry courses require a breakage fee of \$5.00 per year, except organic courses, which require a deposit of \$10.00 per year. This fee is refundable at the end of the year, less breakage. A student whose breakage reaches the maximum of his deposit before completion of the course will be required to pay this breakage, leaving his deposit intact. If a student drops any of the above laboratory courses there is no refund on laboratory fees paid.

FEES FOR SPECIAL SERVICES

A *Change Fee* of \$1.00 is charged for dropping, adding, or changing a course after the regular matriculation period.

A *Physical Examination Fee* of \$1.00 is charged for taking the examination after the regular period for this is past. If taken at the assigned time, it is free.

A *Vaccination Fee* of \$1.00 is charged for the vaccination by the university physician at any time. The student is urged to be vaccinated before entering, however, and to bring a certificate.

For *Advanced Standing Examination or any Special Examination* a fee of \$2.00 per subject is charged.

DEFINITION OF FEES

A *Student Activity Book* good for all athletic events held at the University is provided for each student who pays for as much as 9 semester hours per trimester. This is non-transferable, because it is provided at a wholesale rate, much lower than can be sold to the public. It is not a purchase but a student

privilege. Hence, if presented by anyone else it will be taken up and cancelled. If lost, no duplicate will be issued, but the matter should be reported to the Business Office at once, so that in case the original is recovered, it may be returned to the rightful owner. Athletic events will be limited during the war period.

The Student Publication Fees are payable by every student who enrolls for as much as 9 semester hours. They provide a copy of the Annual, The Horned Frog, and a subscription to the weekly paper, The Skiff.

Board and Room. All students who are not living with their parents or some near relative are required to room in the dormitory, and it is assumed that all will board in the Cafeteria.

Board cost is estimated by the trimester. It is assumed that each student will miss some meals by visits and week-end trips, and no refund is made for these. It is the policy of the university to use only the best quality of food at a fair price, rather than to lower the rate and serve cheap food. Also the student is encouraged to eat regularly rather than to shop about.

Guests of students will pay the same rates for board and room as are charged the students. Board may be paid for by the meal.

Medical Fee covers the service of the resident trained nurse, who gives her full time to this work, to the services of the university physician which he can render in the dormitories, or in his university office, and such common medicine as can be supplied from the stock without prescription. It does not include any hospital service, or operations, or medicines required by chronic ailments acquired before matriculating.

Room Deposit (\$6.00) is required as a guarantee to cover any damage or breakage by the student. Any balance remaining is refunded when the student finally withdraws from school, on surrender of the original receipt, provided all his accounts with the business office have been paid. Each student is responsible for any damage in his own room. Items prohibited in the rooms are electrical irons and equipment for cooking or heating.

Library Deposit (\$5.00) is required once on enrolling, as a guarantee to cover losses or fines on books. After fines reach \$2.00 they must be paid in cash, leaving the student deposit intact. On withdrawal from school, \$4.00 of the deposit, less fines, will be refunded on surrender of the original receipt, provided all accounts with the business office have been paid.

DIPLOMA FEES

Bachelor Degrees (Except Bachelor of Divinity).....\$10.00
Master Degrees, and Bachelor of Divinity..... 19.00

(This fee includes \$4.00 for the cost of binding two library copies of the graduate's thesis. Such extra copies as are desired must be paid for in the library at the rate of \$2.00 each, at the time the order is placed.)

Fine Arts Certificates.....\$ 5.00

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

DISCOUNTS

Discounts for children of ministers who are solely dependent upon the ministry for support, and for children of employees of the University, apply to tuition in the College of Arts and Sciences only, \$2.50 per hour. For full time, 15 hours, tuition of \$105.00 the discount is \$37.50.

Ministers' and employees' children over 21 years of age will pay regular rates.

For Discounts or Scholarships to Ministers see Section under Brite College of the Bible.

RATES ARE CASH IN ADVANCE

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

INTERPRETATION OF COURSE NUMBERS

A new system of numbering courses is being used for the first time in this catalogue and will become effective with the beginning of the Winter Trimester on November 1, 1944. Each course has a number consisting of three digits. The first digit indicates the semester hour credit value of the course per trimester. The second digit indicates the rank of the course, 1 representing the first year or freshman rank, 2 the second year or sophomore rank, 3 the third year or junior rank, 4 the fourth year or senior rank, 5 senior and graduate rank, 6 graduate rank only, 7 and above, used only in Brite College of the Bible for graduate courses leading to the Bachelor of Divinity degree. To illustrate, the number 311 indicates the course has a value of 3 semester hours per trimester, and is of freshman rank; if the number is 311ab the length of the course is two trimesters with a total value of six semester hours credit, three each trimester taken. The addition of *ab* to a number usually means both halves of the course must be taken to receive credit for either half. There are certain exceptions, including all course numbers which carry an additional letter *i*, meaning *independent*, examples being Mathematics 312ai and 312bi, either one of which may be taken for credit without the other. A course composed of parts *a* and *b* is expected to be taken as a two-trimester unit.

A student, as a rule, may not enroll for a course higher than his rank, with the exceptions that senior courses in the 40's are open to juniors, and graduate courses in the 50's are open to undergraduate seniors.

When the expression *advanced courses* is used, it refers to courses of junior rank or higher. Juniors and seniors taking freshman courses, and seniors taking *required* sophomore courses, are allowed only two-thirds the regular amount of credit.

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

CLASS PERIODS

In the courses of study sections of the catalogue, the letters appearing beneath the course titles indicate the days of the week the classes meet, and the figure indicates the hour. Classes are one hour in length. Room numbers are given in a Schedule of Classes at the end of the catalogue. The word *session* as used in this catalogue means Winter and Spring trimesters combined.

ADD-RAN COLLEGE OF ARTS AND SCIENCES

All members of the University Faculty who give instruction in undergraduate courses leading to the degrees of Bachelor of Arts and Bachelor of Science are members of the Faculty of the Add-Ran College of Arts and Sciences. Their names appear by departments on the following pages.

COURSES OF INSTRUCTION

BIBLE

(See Department of Religion)

DEPARTMENT OF BIOLOGY AND GEOLOGY

Professors *W. M. Winton*, Head of the Department, *Gayle Scott*,
Willis G. Hewatt

Adjunct Professor *J. J. Andujar*

Instructor *Mrs. W. M. Winton*, Assistant Miss *Lola Lollar*

BIOLOGY

Requirements for a Major in Biology:

Major—30 semester hours in biology.

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

Prescribed—French or German as the foreign language, Biology 041, and a year each of chemistry, geology, mathematics and physics. A comprehensive examination is required in the senior year.

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|--|-------------------|
| 311ab. GENERAL BIOLOGY | 6 semester hours. |
| <i>T. T. 11:00 and Lab. Tu. or F. 1:30-4:30. Winter-Spring.</i> | <i>Staff.</i> |
| This is a general course dealing with life principles and illustrated by both plant and animal material. | |
| 411ab. GENERAL BIOLOGY (FOR V-12 STUDENTS) | 8 semester hours. |
| b. <i>T. T. 8:00 and Lab. W. Th. 1:30-4:30. Winter.</i> | <i>Staff.</i> |
| Primarily for premedical students. | |
| 322a. PHYSIOLOGY (PHYSICAL EDUCATION 322a) | 3 semester hours. |
| <i>T. T. S. 9:00</i> | <i>Spring.</i> |
| <i>Prerequisite: Biology 311a-311b.</i> | |
| 322b. HYGIENE AND SANITATION (PHYSICAL EDUCATION 322b) | 3 semester hours. |
| <i>T. T. S. 9:00</i> | <i>Winter.</i> |
| <i>Prerequisite: Biology 311a-311b. Required on a major in Physical Education.</i> | |
| 527. COMPARATIVE ANATOMY | 5 semester hours |
| <i>M. W. F. 9:00. Lab. M. W. 1:30-4:30</i> | <i>Winter.</i> |
| <i>M. W. F. 10:00. Lab. T. F. 1:30-4:30</i> | <i>Spring.</i> |
| <i>Staff.</i> | <i>Staff.</i> |
| 332. BACTERIOLOGY | 3 semester hours |
| <i>W. F. 10:00. Lab. W. 1:30-4:30</i> | <i>Winter.</i> |
| <i>Staff.</i> | |
| 334ab. INVERTEBRATE ZOOLOGY | 3 semester hours. |
| <i>Not offered in 1944-1945.</i> | |
| 335a. HISTOLOGY | 3 semester hours. |
| <i>Hours to be arranged.</i> | <i>Winter.</i> |
| <i>Staff.</i> | |
| 335b. EMBRYOLOGY | 3 semester hours. |
| <i>Hours to be arranged.</i> | <i>Spring.</i> |
| <i>Staff.</i> | |

336. GENETICS AND EUGENICS 3 semester hours.
Hours to be arranged. Winter. Staff.
 Two lectures and one laboratory period per week.
- 339ab. GENERAL SCIENCE FOR TEACHERS 3 semester hours.
 (See description under Education 339a-339b.)
Not offered in 1944-1945. Staff.
041. THE TEACHING OF ELEMENTARY BIOLOGY 3 semester hours.
Hours to be arranged. Two trimesters. Staff.
 Members of this class serve one day each week as laboratory demonstrators and share in the department conferences. Required of all majors in biology.
050. ASSIGNED PROBLEMS IN BIOLOGY
Hours to be arranged.
 For Seniors with a point index of 2.000 or higher: fifty clock hours of laboratory and field work for each semester hour of credit.

GEOLOGY

Requirements for a Major in Geology:

Major—30 semester hours in geology.

Minor—18 semester hours in biology, chemistry, or secretarial science.

Prescribed—A year each of biology, chemistry, mathematics and physics.

A comprehensive examination is required in the senior year.

- 318ab. GENERAL GEOLOGY 6 semester hours.
W. F. 8:00. Lab. W. 1:30-4:30. Winter-Spring. Staff.
 An introductory course dealing with the more important aspects of physical and historical geology.
- 329ab. PALEONTOLOGY 6 semester hours.
 b. *T. T. 11:00. Lab. Th. 1:30-4:30. Winter. Staff.*
 a. *T. T. 11:00. Lab. Th. 1:30-4:30. Summer-Fall, 1945. Staff.*
- 330ab. FIELD AND STRUCTURAL GEOLOGY 6 semester hours.
 b. *T. T. 8:00. Lab. Tu. 1:30-4:30. Winter. Staff.*
 a. *T. T. 8:00. Lab. Tu. 1:30-4:30. Summer-Fall, 1945. Staff.*
- 331a. ECONOMIC GEOLOGY OF THE NON-METALS 3 semester hours.
M. W. F. 9:00. Spring. Staff.
- 331b. ECONOMIC GEOLOGY OF THE METALLIC MINERALS 3 semester hours.
M. W. F. 9:00. Summer-Fall, 1945. Staff.
633. SUMMER FIELD COURSE IN GEOLOGY
 A field project course in the Big Bend area of Texas. Open to Juniors and Seniors. *This course temporarily suspended.*
- 335ab. MICROPALAEONTOLOGY AND SUBSURFACE GEOLOGY 6 semester hours.
Hours to be arranged. Spring and Summer-Fall. Staff.
 One lecture and two laboratory periods per week.
336. GEOPHYSICAL PROSPECTING (PHYSICS 336) 3 semester hours.
Three lectures or demonstrations per week. Staff.
042. GENERAL GEOLOGY REVIEW
Hours to be arranged. Winter-Spring.
344. CRETACEOUS GEOLOGY 3 semester hours.
 Three lectures per week.
052. ASSIGNED PROBLEMS IN GEOLOGY

355. GEOLOGICAL DRAFTING AND PROJECTION
Hours to be arranged. Spring.
 Conferences and laboratory assignments.

3 semester hours.
 Staff.

MEDICAL TECHNOLOGY

Texas Christian University, in cooperation with the Harris Memorial Methodist Hospital, offers a four year course leading to the B. S. Degree. The fourth year of work is done in the Hospital, and details may be obtained from the Hospital. The work of the first three years is outlined in Table X on page 38. The subjects at the University and at the Hospital are closely coordinated. The School is approved by the American Medical Association, the American Society of Clinical Pathologists and the National Registry of Medical Technologists. Students in this curriculum are eligible for scholarships and loans of the W. K. Kellogg Foundation.

BUSINESS ADMINISTRATION (See School of Business)

DEPARTMENT OF CHEMISTRY

*Professors J. L. Whitman, Head of the Department, and F. W. Hogan
 Assistant Professor F. M. Lisle*

Requirements for a Major in Chemistry:

Major—The following chemistry courses are required: 411ab, 421ab, 431ab, 441ab, 042, 351.

Minor—Six trimesters work in biology, geology, mathematics or physics.*
Prescribed—Mathematics 513ab (or 315, 316 and 318) and 522ab, physics 411ab, and four trimesters of French or German, preferably the latter, as the foreign language.**

A major in chemistry is given with the B. A. degree only.

Note: When chemistry is offered as a first minor, it will include two of the following courses: 421ab, 431ab, and 441ab. Enrollment in any advanced course is conditioned on a grade of C or higher in the preceding course. Chemistry 411ab is prerequisite to all other courses in the Department, except for 412.

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|------------------------------------|----------------------|
| 411ab. GENERAL INORGANIC CHEMISTRY | 8 semester hours. |
| a. (C-1). Lectures M. W. F. 10:00 | Winter. Mr. Whitman. |
| Lab. M. or W. 1:30-4:30 | Winter. |
| or, Lectures M. W. F. 11:00 | Spring. Mr. Lisle. |
| Lab. T. or F. 1:30-4:30 | Spring. |
| b. (C-2). Lectures W. F. 11:00 | Winter. Mr. Lisle. |
| Lab. T. and F. 1:30-4:30 | Winter. |
| or, Lectures W. F. 10:00 | Spring. Mr. Whitman. |
| Lab. M. and W. 1:30-4:30 | Spring. |

An introduction to the study of the fundamental principles of the science of chemistry through a comparative study of a limited number of elements and their compounds. The laboratory work in 411b will be devoted to the study of elementary qualitative analysis.

*In certain cases a minor in Business Administration, including stenography, is very desirable, and will be allowed.

**Pre-medical students planning to earn the B. A. degree with a major in chemistry before entering medical school, may, with the permission of the Head of the Department, omit Math 522ab.

412. ELEMENTARY CHEMISTRY FOR NURSES 4 semester hours.
Mr. Lisle.
 Three hours lecture and three hours laboratory work per week, to be arranged. This course is a part of the curriculum for the B. S. in Nursing degree, and is given at the Harris Memorial Methodist Hospital. The next class will begin about Sept. 1.
- 421ab. QUANTITATIVE ANALYSIS 8 semester hours.
 a. (C-3). Lectures W. F. 9:00 Spring. *Mr. Hogan.*
 Lab. M. and W. 1:30-4:30 Spring.
 b. Temporarily suspended.
 Theory and practice of volumetric and gravimetric analysis.
- 431ab. ORGANIC CHEMISTRY 8 semester hours.
 a. (C-4). Lectures T. T. 10:00. Winter. *Mr. Hogan.*
 Lab. T. and F. 1:30-4:30. Winter.
 b. (C-5). Lectures T. T. 11:00. Winter.
 Lab. M. and W. 1:30-4:30. Winter.
 or, Lectures T. T. 10:00. Spring.
 Lab. T. and F. 1:30-4:30. Spring.
 A study of the fundamental types of organic compounds, their nomenclature, classification, reactions and applications.
- 441ab. PHYSICAL CHEMISTRY 8 semester hours.
 a. Lectures T. T. S. 9:00. Winter. *Mr. Whitman.*
 Lab. Th. 1:30-4:30. Winter.
 b. Lectures T. T. S. 9:00. Spring.
 Lab. Th. 1:30-4:30. Spring.
Prerequisite: Chemistry 421ab or 431ab, physics 411ab, and mathematics 522ab, except as noted above.
 A theoretical study and explanation of a number of the more important physical phenomena as applied to the field of chemistry. Some of the newer theories and recent developments in chemistry will be considered.
042. TEACHING OF CHEMISTRY 3 semester hours.
Open to juniors and seniors only. Winter or Spring. Mr. Whitman.
 Members of this class act as laboratory assistants in Chemistry 411ab, for a period of two trimesters. Under certain conditions this course may be counted for credit in the Department of Education.
351. QUALITATIVE ORGANIC ANALYSIS 3 semester hours.
Hours to be arranged. Mr. Hogan.
Prerequisite: Chemistry 431ab.
 One conference and two laboratory periods per week. An elementary course in qualitative organic analysis, intended to introduce the student to the methods employed in the identification of organic compounds.
352. ORGANIC SYNTHESIS 3 semester hours.
Hours to be arranged. Mr. Hogan.
Prerequisite: Chemistry 431ab.
 One conference and two laboratory periods per week. Methods and technique of organic synthesis, in which several of the more important syntheses will be studied.
053. SPECIAL PROBLEMS IN CHEMISTRY *Staff.*
Credit and hours to be arranged.
 Advanced work in analytical, organic or physical chemistry, to be determined by the previous preparation and interests of the individual student.

254. COLLOID CHEMISTRY 2 semester hours.
Hours to be arranged. Mr. Whitman.
Prerequisite: Chemistry 441a.
 An introduction to the properties of colloidal systems, with chemical, industrial and medical applications.

DEPARTMENT OF ECONOMICS

Professor Herbert R. Mundhenke, Head of the Department

Requirements for a Major in Economics:

Major—24 semester hours in economics, including Economics 321 and excluding Social Science 312 and any other economics course of less than sophomore rank.

Minor:

Recommended—18 semester hours in commerce, education, government, history, philosophy, or sociology.

Acceptable—18 semester hours in any department of the College of Arts and Sciences, by permission of the head of the department.

Prescribed—Social Science 312.

Recommended—French or German as the foreign language for students wishing to pursue graduate study later.

- 312ab. DEVELOPMENT OF CIVILIZATION: SOCIAL SCIENCE 6 semester hours.
 ORIENTATION
(For hours see Department of History)

- 321a. ECONOMIC PRINCIPLES AND PROBLEMS 3 semester hours.
M. W. F. 9:00. Winter. Mr. Mundhenke.
T. T. S. 9:00. Spring. Mr. Mundhenke.
Not open to freshmen. Open to sophomores. Required of all economics, business administration, pre-law and journalism students. This course is a prerequisite to all other economics courses except Economics 336 and 337.

An introductory course to acquaint the student with the fundamental principles which underlie economic relations and activities. The object will be to guide the student into clear and accurate thinking on the leading characteristics and problems of the present economic system, and to open the field for advanced study.

- 321b. ECONOMIC PRINCIPLES AND PROBLEMS 3 semester hours.
T. T. S. 9:00. Winter. Mr. Mundhenke.
M. W. F. 9:00. Spring. Mr. Mundhenke.
 A continuation of 321a above.

330. PUBLIC FINANCE 3 semester hours.
Not offered in 1944-1945. Offered in Summer, 1944. Mr. Mundhenke.
Prerequisite: Economics 321.

A study of public expenditure, financial administration, taxation, and public debts, together with a consideration of the incidence of the various types of taxation and the critical analysis of the systems that exist in the country.

331. PRINCIPLES OF TRANSPORTATION 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Economics 321, or adequate experience in the transportation field.
 The development of transportation agencies in the United States. The causes, growth and results of government regulation. An elementary discussion of rate-making, classifications, rates, and service.
332. BUSINESS ORGANIZATIONS AND COMBINATIONS 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Economics 321.
 A study of the various kinds of business organizations in this country. Special emphasis is given to the causes of this growth, the forms, legal status, and relations to business efficiency of these combinations and the social problems arising out of their formation.
334. MONEY AND BANKING 3 semester hours.
M. W. F. 11:00. Winter. Mr. Mundhenke.
Prerequisite: Economics 321.
 A general survey of the modern financial system, including the principles and history of money, monetary standards; the principle and function of banks and bank credit, commercial banks, investment banks, trust companies and the Federal Reserve System; relation of business man and banker.
335. ECONOMIC DEVELOPMENT OF THE UNITED STATES 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Economics 321.
 A survey of national development from colonial times to the present in agriculture, industry, commerce, transportation, labor and finance.
336. LABOR PROBLEMS 3 semester hours.
M. W. F. 11:00. Spring. Mr. Mundhenke.
 Economics 321 not required as a prerequisite, but may be taken by all juniors or seniors. It may, by permission, be accredited as sociology. An attempt to analyze the causes of industrial unrest and other labor problems, and to understand the reactions of various groups to these conditions. Special emphasis given to the American Labor Movement, its objects, tactics, and accomplishments.
337. THE ECONOMICS OF CONSUMPTION 3 semester hours.
Not offered in 1944-1945. Offered in Summer, 1945.
Prerequisite: Economics 321, Sociology 324, or an equivalent course in history or government. May be accredited as sociology.
 A practical course designed to make the student consumer-conscious and to emphasize the importance of technique in order to secure the maximum return for one's money. Markets, chain stores, cooperatives, advertising and government regulations are studied in relation to the welfare of consumers.
338. CORPORATION FINANCE 3 semester hours.
M. W. F. 11:00. Spring. Mr. Sowell.
Prerequisite: Economics 321 and Accounting 322.
 Development of corporate form of business; its advantages and disadvantages; legal position of the corporation; promotion; sources of capital; internal financial management; receivership and reorganization; stock classifications; rights of stockholders; trend in stock distribution.

- 340ab. RAILROAD RATE STRUCTURES 6 semester hours.
Offered in Evening College only.
Prerequisite: Economics 321 and 331, or adequate experience in the transportation field.
 A course in railroad freight rates and freight classification. Practice in the use of freight tariffs and the consolidated freight classification. A study of Interstate Commerce Commission regulations governing rates and classification and of the regulations of the Railroad Commission of Texas.
341. PROBLEMS IN TRAFFIC MANAGEMENT 3 semester hours.
Offered in Evening College only.
Prerequisite: Economics 340a-340b and Economics 321, or adequate experience in the transportation field.
 Advanced study of railroad freight rates. A study of the diversion and demurrage rules with practical example. Some time is devoted to the questions of rates and their divisions, water rates and their influence on rail rates.
- 342ab. PROBLEMS IN TRANSPORTATION 6 semester hours.
Offered in Evening College only.
Prerequisite: Economics 321 and 331, or adequate experience in the transportation field.
 A consideration of some of the outstanding current problems in transportation, such as regulation of security issues, consolidation, the labor problem, the conflict of federal and state jurisdiction, and competition of water, rail and highway transport. Other problems studied will be those which are of particular interest to the members of the class.
344. INTERNATIONAL TRADE AND RELATED PROBLEMS 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Economics 321, or twelve semester hours in the other social science sufficient to furnish an adequate background.
 A general survey of the principles governing the exchange of goods between countries; a description of how exchange is effected; a study of the various problems arising from the economic relations of countries with special emphasis on the period since the World War.
345. PUBLIC UTILITIES 3 semester hours.
Not offered in 1944-1945. Mr. Mundhenke.
Prerequisite: Economics 321.
 A course discussing the origin and development of public utilities, franchises, capitalization, accounting methods, regulation, valuation, depreciation, rate-structure, financial stability, investment possibilities, public relations, and current utility problems.
347. BUSINESS CYCLES AND FORECASTING 3 semester hours.
 T. T. S. 10:00 Winter. Mr. Mundhenke.
Prerequisite: Economics 321.
 Elements in modern economic organization which generate alternation of prosperity and depression; historical sketch of crisis and depression measurements and forecasting of general conditions; possibility of controlling cyclical movements; proper adjustments of business management to the cycle. Studies of current business situations and trends, and current international economic events.

349. ECONOMIC PROBLEMS OF WAR AND POST-WAR READJUSTMENT 3 semester hours.
T. T. S. 10:00 Spring. Mr. Mundhenke.
Prerequisite: 12 semester hours in economics, including Economics 321.
 A critical study of the impact of the war upon our economic activities and system, and an effort to appraise post-war consequences and trends.
351. HISTORY OF ECONOMIC THOUGHT 3 semester hours.
Not Offered in 1944-1945.
Prerequisite: 12 semester hours in economics, including Economics 321.
 A study of the development of economic thinking from the time of the mercantilist, with special emphasis upon the important schools of economic thought.
352. COMPARATIVE ECONOMIC SYSTEMS 3 semester hours.
Not offered in 1944-1945. Offered in Summer-Fall, 1944.
Prerequisite: 15 semester hours in economics, including Economics 321.
 A critical analysis of the economic systems of Italy, Germany, Russia, England and the United States.
660. THESIS SEMINAR 6 semester hours.
 Students writing a thesis in the Economics Department must do a research type thesis. Conferences must be held at least once each month with the professor directing the thesis.
361. CURRENT ECONOMIC PROBLEMS 3 semester hours.
Hours by appointment. Winter. Mr. Mundhenke.
Graduates only.
 A specialized study of not less than four of the chief economic problems of the day from the viewpoint of the best authorities. The particular topics selected will relate to subjects in which the individual student is most interested.
362. CONTEMPORARY ECONOMIC THOUGHT 3 semester hours.
Hours by appointment. Spring. Mr. Mundhenke.
Graduates only.
 An examination of recent economic doctrines which have been advanced as practical solutions to present-day problems.

EDUCATION

(See School of Education)

ENGINEERING

The required courses in engineering are given to complete the first two years in aeronautical, chemical, civil, electrical, mechanical, and petroleum engineering. The course of study for the two years is listed in Table XII on page 39. Engineering lectures, engineering drawing, descriptive geometry, and surveying courses are listed under "Engineering" and "Surveying" in the Department of Mathematics. Other courses are listed in the related departments.

DEPARTMENT OF ENGLISH

*Professors Rebecca W. Smith, Head of the Department (on leave of absence),
Mabel Major, Acting Head of Department*

*Assistant Professors Artemisia Bryson, Lorraine Sherley, Paul Dinkins
Instructors Ruth S. Angell, Alma Bailey (on leave of absence), William P.
Baker (on leave of absence), Mary Louise Kiber*

Requirements for an Undergraduate Major in English:

Major—English 311, 324, and English electives to total 30 hours of which 6 hours must be in the 40's and 50's exclusive of 346. All majors who expect to be recommended by the Department to teach English should take English 339 or English 346.

Minor—18 semester hours in one of the following: a foreign language, history, philosophy, public speaking, sociology, economics, government, journalism (24 hours required), secretarial science, any one of the fine arts.

Prescribed Courses—Six hours of history at sophomore level or above, and three hours in the Department of Philosophy to be selected with the advice of the major professor. Students who intend to pursue graduate work should have two years in French or German.

Requirements for an Undergraduate Minor in English:

Any student presenting English as a first minor will take English 311, 324, and electives to total 24 semester hours. All minors who expect to be recommended by the Department to teach English should take English 339 or English 346.

Requirements for Graduate Students:

A candidate for a Master's degree with a major in English must have completed 30 semester hours of undergraduate English. He may elect to take both a major (18 hours) and a minor (12 hours) in the English department, or may choose a minor in a related field after consulting his advisor. The candidate must register for English 660. When the thesis requirements have been fulfilled, he must take an oral examination covering his thesis and his graduate courses.

A candidate for a Master's degree with a minor in English must have completed 24 semester hours of undergraduate English. He is not required to register for English 660. He must take an oral examination on his 12 hours of graduate English.

Courses numbered in the fifties and sixties are open only to seniors and graduate students. Under special conditions graduate credit may be given for courses numbered in the forties and thirties.

Evening College Courses in English:

When a course in English is offered both in the regular curriculum and in the Evening College, students matriculated in the regular college must take the day class. If a course offered in the Evening College is not being offered in the day schedule, permission may be granted to day students to enroll in it.

311ab. RHETORIC AND COMPOSITION

6 semester hours.
Staff.*Winter.*

- 311a. M. W. F. 9:00. (V-12)
 M. W. F. 10:00. (V-12)
 M. W. F. 11:00.
 T. T. S. 8:00.
 T. T. S. 11:00.
- 311b. M. F. W. 8:00.
 M. W. F. 9:00.
 M. W. F. 11:00.
 M. W. F. 1:30 (V-12)
 2 sections.
 T. T. S. 8:00.
 T. T. S. 9:00. (Invitation).
 T. T. S. 11:00.

Spring.

- 311a. M. W. F. 8:00.
 M. W. F. 10:00.
 M. W. F. 1:30 (V-12)
 2 sections.
 T. T. S. 8:00.
- 311b. M. W. F. 9:00. (V-12)
 M. W. F. 10:00. (V-12)
 M. W. F. 11:00.
 T. T. S. 8:00.
 T. T. S. 11:00.

324ab. ENGLISH PROSE AND POETRY

6 semester hours.
Staff.*Prerequisite to all advanced courses in English.**Winter.*

- 324a. M. W. W. 9:00.
 M. W. F. 11:00.
 *T. T. S. 9:00.
 T. T. S. 10:00.
- 324b. M. W. F. 8:00.
 T. T. S. 9:00.

Spring.

- 324a. M. W. F. 8:00.
 M. W. F. 9:00.
 M. W. F. 10:00.
 T. T. S. 9:00.
 T. T. S. 10:00.
 T. T. S. 11:00.
- 324b. M. W. F. 9:00.
 M. W. F. 11:00.
 *T. T. S. 9:00.
 T. T. S. 10:00.

*Starred sections will study an Introduction to World Literature instead of the Survey of English Literature.

330. CONTEMPORARY BRITISH LITERATURE

3 semester hours.

M. W. F. 11:00.

*Spring.**Mrs. Bryson.*

The more important writers of poetry, fiction, essay, and drama since 1890.

332. ADVANCED COMPOSITION

3 semester hours.

Not offered in 1944-'45.

The technique and practice of writing shorter forms of prose.

333. RECENT DRAMA

3 semester hours.

*Evening College.**Spring.**Mr. Dinkins.*

The principal English, Continental, and American plays read with emphasis on relations between literature and social and philosophical problems.

(Formerly English 33b.)

334. THE LITERATURE OF THE SOUTHWEST

3 semester hours.

T. T. S. 9:00.

*Spring.**Miss Major.*

A study of the chief trends and writers of the region, with emphasis on original investigation.

- 335a. SHAKESPEARE, 1589-1600 3 semester hours.
M. W. F. 9:00. Winter. Miss Major.
 A study of the comedies and histories against the background of sixteenth century England.
- 335b. SHAKESPEARE, 1600-1612 3 semester hours.
M. W. F. 9:00. Spring. Miss Major.
 An intensive study of *Hamlet, Lear, and Othello*, with a less detailed examination of other tragedies and of the romances.
- 336a. AMERICAN LITERATURE, 1607-1860 3 semester hours.
T. T. S. 10:00. Winter. Mrs. Angell.
 A survey of the tendencies and chief writers of the Colonial, Early National, and Romantic Periods.
- 336b. AMERICAN LITERATURE, 1860-1900 3 semester hours.
T. T. S. 10:00. Spring. Mrs. Angell.
 The tendencies and chief writers, with emphasis upon the decline of Romanticism and the growth of the Realistic Movement.
338. CONTEMPORARY AMERICAN LITERATURE 3 semester hours.
Not offered in 1944-'45.
 Current trends and chief writers in American literature since 1900.
339. ENGLISH GRAMMAR 3 semester hours.
Not offered in 1944-'45.
 An intensive study of modern English inflection and syntax. The course is designed primarily for students who plan to teach, write, or preach.
340. THE NOVEL IN THE TWENTIETH CENTURY 3 semester hours.
Not offered in 1944-'45.
 Problems in contemporary culture and literary techniques as seen in the significant novels of England, America, and other countries. Novels in foreign languages will be read in translation.
- 345a. THE NOVEL IN ENGLISH TO 1832 3 semester hours.
Not offered in 1944-1945.
 The beginnings of the novel as a type, emphasizing the chief novelists through Scott.
- 345b. THE NOVEL IN ENGLISH, 1832 TO THE PRESENT 3 semester hours.
Not offered in 1944-1945.
 The major British and American novelists of the nineteenth and early twentieth centuries.
346. THE TEACHING OF ENGLISH IN THE SECONDARY SCHOOLS 3 semester hours.
M. W. F. 11:00. Winter. Miss Major.
 A study of the high school English course of study and of the methods of presenting literature, composition, and grammar in the high school class. Under certain conditions this course may be counted in the Department of Education.
- 347a. TENNYSON AND THE MINOR VICTORIAN POETS 3 semester hours.
Offered in Fall 1944. Miss Major.
 An intensive study of Tennyson against the background of Victorian England. An extensive reading of the minor Victorian poets.
- 347b. BROWNING 3 semester hours.
T. T. S. 9:00. Winter. Miss Major.
 An intensive study of the poetry of Robert Browning with emphasis upon its modernity.

- 348ab. INTERRELATION OF THE ARTS 6 semester hours.
M. W. 10:00, and two hours Lab. Arr. Session. Miss Sherley.
 General aesthetics, with special emphasis on the interrelation of music, drama, poetry, painting, sculpture, and architecture. Direct examples of the arts will be presented through records, reading, and prints.
Either half of the course may be taken as a three semester hour credit course.
- 349a. THE ENGLISH ROMANTIC MOVEMENT BEFORE 1815 3 semester hours.
Not offered in 1944-1945.
 A study of the early romantics and Scott, Wordsworth, and Coleridge.
- 349b. THE ENGLISH ROMANTIC MOVEMENT AFTER 1815 3 semester hours.
Not offered in 1944-1945.
 A study of the late romantics with emphasis on Byron, Shelley, and Keats.
- 351a. STUDIES IN AMERICAN LITERATURE: THE CHIEF ROMANTIC POETS 3 semester hours.
Not offered in 1944-1945.
 An intensive investigation of the work of Poe, Emerson, and Whitman.
- 351b. STUDIES IN AMERICAN LITERATURE: THE REALISTIC MOVEMENT 3 semester hours.
Not offered in 1944-1945.
 The study will center upon Howells, Henry James, and Mark Twain.
- 353a. MILTON 3 semester hours.
T. T. S. 11:00. Spring. Mr. Dinkins.
 A study of Milton both as a poet and as a leader of seventeenth century English thought.
- 356ab. HISTORY OF THE ENGLISH LANGUAGE 6 semester hours.
Not offered in 1944-1945.
 The Old English period, with syntax and morphology sufficient to develop a reading knowledge of Anglo-Saxon.
 Middle and Modern English, emphasizing the growth and structure of the language.
- 357a. CHAUCER 3 semester hours.
T. T. S. 10:00. Winter. Mr. Dinkins.
 A study of Chaucer's language and works, with emphasis upon the *Canterbury Tales*.
660. THESIS SEMINAR 6 semester hours.
 Candidates for the master's degree with a major in English must submit a thesis written under the direction of a member of the Department.

DEPARTMENT OF GOVERNMENT

Professor John Lord, Head of the Department

Assistant Professor C. H. Richards, Jr.

Requirements for a Major in Government:

Major—24 semester hours in government beyond Social Science 312.

Minor—18 semester hours in commerce, economics, history, journalism, or sociology; or 24 semester hours in English.

Required: 6 semester hours of history.

Urged: French or German as the foreign language for students wishing to pursue graduate courses later.

312ab. SOCIAL SCIENCE ORIENTATION: DEVELOPMENT OF CIVILIZATION

Orientation course in the social sciences and history. Required of all freshmen. Listed also in history, economics, and sociology. For hours see Department of History.

326. COMPARATIVE GOVERNMENT 3 semester hours.
T. T. S. 10:00. Winter. Mr. Lord.
 A comparative study of the organization and processes of government in England, France, Germany, Italy, Russia, and Switzerland.
327. AMERICAN STATE AND LOCAL GOVERNMENT 3 semester hours.
T. T. S. 10:00. Winter. Mr. Richards.
M. W. F. 10:00. Spring. Mr. Richards.
M. W. F. 11:00. Spring. Mr. Richards.
Friday 7-9:30. (Evening College). Spring.
Open to sophomores and juniors.
 A basic course in American state, county and municipal government, with special emphasis on present-day problems.
328. AMERICAN NATIONAL GOVERNMENT 3 semester hours.
M. W. F. 10:00. Winter. Mr. Richards.
M. W. F. 11:00. Winter. Mr. Richards.
T. T. S. 8:00. Winter. Mr. Lord.
T. S. S. 8:00. Spring. Mr. Lord.
Open to sophomores and juniors.
 A study of American government, its organization, functions and processes. This course will satisfy the required hours in American government for teachers' certificate. Prerequisite to all government courses except 327.
331. INTRODUCTION TO POLITICS 3 semester hours.
T. T. S. 9:00. Winter. Mr. Lord.
332. AMERICAN MUNICIPAL GOVERNMENT 3 semester hours.
T. T. S. 11:00. Spring. Mr. Richards.
333. AMERICAN POLITICAL PARTIES 3 semester hours.
T. T. S. 11:00. Winter. Mr. Richards.
Open to juniors, seniors, and graduates by permission only.
 The relation of political parties to government, with special attention to present-day party organization, problems, and trends.
340. AMERICAN CONSTITUTIONAL LAW 3 semester hours.
M. W. F. 9:00. Spring. Mr. Lord.
Prerequisite: Government 128. Open to juniors, seniors, and graduates.
 An advanced course in American constitutional law. Class reports and discussion of legal cases.

341. PUBLIC ADMINISTRATION 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Government 128.
 Following a brief study of administrative law in the United States, the course will consider the relation of administration in national, state, and local government. Special attention will be given to administrative organization and procedure.
343. THE NEW WORLD ORDER 3 semester hours.
T. T. S. 9:00. Spring. Mr. Lord.
 A study of international organization and machinery. Considerable time will be given to international administration.
350. SEMINAR IN INTERNATIONAL LAW 3 semester hours.
Hours to be arranged. Spring. Mr. Richards.
For Seniors and Graduates.
361. SEMINAR IN CONTEMPORARY POLITICAL THOUGHT 3 semester hours.
Hours to be arranged. Winter. Mr. Lord.
For graduate students only.
362. SEMINAR IN CONTEMPORARY POLITICAL THOUGHT 3 semester hours.
Hours to be arranged. Spring. Mr. Lord.
For graduate students only.

DEPARTMENT OF GREEK

These courses in Greek are primarily for graduate students of Brite College of the Bible, but may be taken by advanced and properly prepared undergraduates, and will be credited toward the B. A. degree.

- 352ab. FIRST YEAR NEW TESTAMENT GREEK 6 semester hours.
Offered in 1945-1946 and alternate years. Two trimesters.
 The purpose of this course is to equip the student with such knowledge as will enable him to read the New Testament in Greek and so prepare him for exegetical study. As much knowledge of the grammar of the language will be taught as is possible within the year, though necessarily many points will be passed over till later.
- 362ab. SECOND YEAR NEW TESTAMENT GREEK 6 semester hours.
T. W. T. 10:00. Winter-Spring.
Open to those who have had the first year of New Testament Greek and will be credited toward the B. A. degree if taken by an undergraduate student.
 The main purpose of this course will be the reading and exegesis of the New Testament in Greek. First, selected passages from the Gospels will be studied, then some of the shorter books, ending with some of the more difficult Epistles of Paul.

DEPARTMENT OF HISTORY

Professor William J. Hammond, Head of the Department

Professor C. A. True (in Government Services)

Adjunct Professor C. A. Burch

Assistant Professors Mrs. Mirth W. Sherer, Ralph Garrett

Requirements for Undergraduate Majors in History:

Major.—24 semester hours beyond social science or freshman history.

The major must include six semester hours of American history above the sophomore rank, and six semester hours of English history or other European history exclusive of Social Science 312ab.

Minor.—18 semester hours in government, economics, sociology, philosophy, business administration, religion, English (24 semester hours), Spanish (with Latin-American history).

Prescribed—Government, 6 semester hours.

Requirements for Undergraduate Minors in History:

18 hours beyond Social Science 312ab or freshman history; six semester hours of any American history and six of English, or other European history. Six semester hours must be of junior rank or above. Three hours of government, economics, anthropology, sociology, or history of religion may be substituted for three hours of history provided the course is above the sophomore rank. An index of 1.500 is required of all who minor in history.

LOWER DIVISION COURSES

In courses 325ab and 223ab, students may be admitted to the *b* part without having had the *a* part, but the *a* part must be completed before credit is given. In Social Science 312ab the first half is prerequisite to the second half. However, those who have taken *a* but failed it may continue the course in the spring.

312ab. DEVELOPMENT OF CIVILIZATION, SOCIAL SCIENCE 6 semester hours.
ORIENTATION

Required of all freshmen.

Winter

312a T. T. S. 9:00. Mrs. Sherer.
M. W. F. 11:00. Mr. Garrett.
312b M. W. F. 9:00. Mrs. Sherer.
T. T. S. 10:00. Mr. Garrett.
M. W. F. 11:00. Mrs. Sherer.

Spring

312a T. T. S. 9:00. Mrs. Sherer.
M. W. F. 11:00. Mr. Garrett.
312b M. W. F. 9:00. Mrs. Sherer.
M. W. F. 11:00. Mrs. Sherer.

223ab. HN I. HISTORICAL BACKGROUND OF PRESENT WORLD 4 semester hours.
WAR

HN II. HISTORICAL BACKGROUND OF PRESENT WORLD 2 semester hours.
WAR

Winter

223a (HNI) 9:00 T. T.
10:00 T. T.
223b (HNII) 1:30 T. T. 2 sections.

Spring

223a 1:30 T. T. 2 sections.
223b 9:00 T. T.
223b 10:00 T. T.

N I. NAVAL ORGANIZATION

1 semester hour.
Mr. Hammond.
Mr. Hammond.

N II. NAVAL ORGANIZATION One lecture each week

Winter

N I. S. 8:00.
N II. S. 9:00.
W. 1:30.

Spring

N I. S. 9:00.
N II. S. 8:00.
W. 1:30.

- 325ab. HISTORY OF THE AMERICAS 6 semester hours.
M. W. F. 10:00. Session. Mrs. Sherer.
 A general survey of the History of the Western Hemisphere from the discovery to the present time. The planting of European civilization in the Western Hemisphere, the growth of the colonies of the different nations, colonial systems, the international contest of the continents, wars of independence in the Americas and the development of the American nations.

UPPER DIVISION COURSES

Prerequisite for all upper division courses: 6 semester hours of lower division courses or an equivalent in the Social Sciences.

- 331a. HISTORY OF ENGLAND AND GREATER BRITAIN 3 semester hours.
T. T. S. 11:00. Winter. Mr. Garrett.
 A survey of English history from early time to 1643. Emphasis upon the constitutional development.
- 331b. HISTORY OF ENGLAND AND GREATER BRITAIN 3 semester hours.
 1643 TO THE PRESENT
T. T. S. 11:00. Spring. Mr. Garrett.
- 332a. HISTORY OF THE UNITED STATES TO 1865 3 semester hours.
M. W. F. 10:00. Winter. Mr. Garrett.
 A desirable course for majors and minors in history, especially those desiring to teach. A detailed survey of the political, social, and economic development of the United States to 1865.
- 332b. HISTORY OF THE UNITED STATES, 1865 TO THE PRESENT 3 semester hours.
M. W. F. 10:00. Spring. Mr. Garrett.
 A study of the development and expansion of the United States in the Western Hemisphere and in the World; modern advancement in the political, social, and economic fields.
335. THE HISTORY AND DEVELOPMENT OF COMMUNAL 3 semester hours.
 FORCES IN WESTERN CULTURE (HISTORY OF CITIES)
Evening College, Thursday, 7:00 to 9:30. Winter. Mr. Hammond.
 This course deals with the historical development of cities and factors dealing with the urban and agrarian development. It is a study of the unifying forces of culture.
- 341a. THE FAR EAST IN MODERN TIMES 3 semester hours.
M. W. F. 8:00. Winter. Mr. Burch.
 A general survey of the political, economic, and cultural development in the Far East from 1842 to the present. Designed to give the student an understanding and appreciation of the culture of the Orient, and a background for appraising the conflicts in that area. Special attention given to the problems of reconstruction.
- 341b. THE FAR EAST IN MODERN TIMES 3 semester hours.
M. W. F. 8:00. Spring. Mr. Burch.
- 342ab. HISTORY OF THE MIDDLE AGES 6 semester hours.
T. T. S. 11:00. Spring and Winter. Mr. Burch.
 Advised as a background for church history and other courses based on medieval study. A history of Europe from the decline of Rome through the reformation period.

344. HN VI HISTORY OF MODERN EUROPE, 1815-1945 3 semester hours.
T. T. S. 10:00. Spring. Mr. Hammond.
For Juniors and Seniors.
 A study of the fundamental factors creating the modern European civilization, special attention to the background of the two World Wars and post war plans and problems.
348. HN III NAVAL HISTORY AND ELEMENTARY STRATEGY 3 semester hours.
Limited to naval students. Mr. Hammond.
Winter Spring
M. W. F. 9:00. M. W. F. 9:00.
T. T. 9:00 and S. 10:00. T. T. 9:00 and S. 10:00.
353. HISPANIC-AMERICAN HISTORY, COLONIAL PERIOD 3 semester hours.
M. W. F. 11:00. Winter. Mr. Hammond.
 A general survey, with special emphasis on colonial institutions and culture.
354. HISPANIC-AMERICAN HISTORY, REPUBLICAN PERIOD 3 semester hours.
M. W. F. 11:00. Spring. Mr. Hammond.
 A general survey of Hispanic-American countries: a detailed study of the social and economic factors and international relations during the nineteenth and twentieth centuries.

GRADUATE DIVISION

As a condition of enrollment in a graduate course the student must submit to the instructor in charge of the course satisfactory evidence of preparation for the work proposed: adequate preparation consists normally of the completion of at least 12 units of upper division work basic to the subject of the course, irrespective of the department in which such basic work has been completed. No undergraduates admitted.

Note:—A limited number of upper division courses may be accepted for graduate credit by special arrangement with the instructor in charge.

366. SEMINAR IN ANGLO-AMERICAN HISTORY 3 semester hours.
Evening College. Thursday, 7:00-9:30. Winter. Staff.
660. THESIS SEMINAR 6 semester hours.
Students writing a thesis in the history department must do a research type thesis. Conferences must be had at least once each month with the professor directing thesis.
365. SEMINAR IN HISPANIC-AMERICAN HISTORY 3 semester hours.
Evening College, 7:30-9:30. Mr. Hammond.

DEPARTMENT OF HOME ECONOMICS

Bonne M. Enlow, Head of the Department

Mrs. Bernice Tonner, Student Assistant

Requirements for Candidates Majoring in Home Economics, Leading to a B. S. Degree in Home Economics.

Major—General Home Economics, 30 semester hours.

Minor—Combination Biology and Chemistry, including Physiology, Hygiene and Sanitation, Bacteriology and General Inorganic Chemistry. Additional minors may be petitioned for and designated by fulfilling specified requirements.

Recommended Courses—Economics 321 or 337, Sociology 321, 330. Those who plan to apply for any type of teacher's certificate, should consult the director of the department for advice as to specific courses to meet the requirements for certification. A permanent certificate in home economics requires the degree, including Government 328, Home Economics Education 341 and 21 semester hours in education. The Smith-Hughes Certificate is not offered by this department but one, two or three years of work may be taken toward the certificate.

FOODS AND NUTRITION

- 312a. FUNDAMENTAL FOOD STUDY 3 semester hours.
W. F. 9:00, W. 1:00-4:00. Winter.
 Composition, nutritive value, theories and technics of preparation and pertinent buying points of fruits, vegetables, carbohydrates, gelatin, fats and oils, salads and salad dressings, frozen desserts and beverages.
- 312b. FUNDAMENTAL FOOD STUDY 3 semester hours.
W. F. 9:00, W. 1:00-4:00. Spring.
 Continuation of 312a studying milk and milk products, eggs, meats, and batters and doughs. Either course can be taken without the other but majors in home economics must have both.
314. MEAL PLANNING AND TABLE SERVICE 3 semester hours.
T. T. 11:00-3:00, S. 11:00. Spring.
Offered as an elective course for students who are not majoring in Home Economics. Juniors and seniors may receive full credit for this course by completing additional work approved by the instructor.
324. FOUNDATIONS OF NUTRITION 3 semester hours.
M. W. F. 10:00. Winter.
 An approach to the facts and principles of the science of nutrition mainly through the relations of food to health and efficiency. Chief prominence is given to the place of nutrition in the health of the normal person.
334. ADVANCED NUTRITION AND DIETETICS 3 semester hours.
M. W. F. 10:00. Spring.
 A further study of dietary principles, their application in feeding family groups and individuals from infancy to old age with dietary calculations for each problem.
346. ADVANCED DIETARY STUDIES AND APPLICATION 3 semester hours.
T. T. 11:00-3:00, S. 11:00. Spring.
 Planning diets and serving meals to family groups of different composition, income levels and occasions. Fundamental food and nutrition studies are prerequisites to this course.
348. FOOD PRESERVATION
Hours to be arranged. Spring.
Lecture—two hours. Laboratory—three hours.
 Care of food in the home and preservation in relation to extending the food supply, providing variety and reducing costs.

TEXTILES AND CLOTHING

315. TEXTILE FUNDAMENTALS 3 semester hours.
T. T. S. 10:00. Winter.
 Fundamental facts, concerning textile fibers and the fabrics made from them, which are basic for intelligent selection, use and care of clothing and household fabrics.

- 323a. ARTS OF COSTUME AND PERSONAL APPEARANCE 3 semester hours.
T. T. S. 9:00. Winter.
 Aesthetic aspect of dress with a philosophy which should underlie selection at any budget level and enduring principles of costume problems applicable to any time.
- 323b. DRESS CONSTRUCTION AND PATTERN STUDY 3 semester hours.
W. 9:00, M. F. 1:00-4:00. Spring.
 Use of commercial patterns and fundamental finishing processes in construction. Home Economics majors should take 323a as prerequisite. Non-majors may elect this course without 323a but they are not advised to do so.
347. ADVANCED CLOTHING PROBLEMS 3 semester hours.
T. T. 1:00-4:00, S. 8:00. Winter or Spring.
Prerequisites: 323a, 323b.
 Flat pattern designing; planning for clothing needs of the individual and family; spending for satisfaction; construction and conservation problems.

OTHER COURSES

322. CHILD PSYCHOLOGY (SEE EDUCATION DEPARTMENT)
- 329ab. INTERIOR DECORATION (SEE ART DEPARTMENT FOR DESCRIPTION)
337. CONSUMER PROBLEMS (SEE ECONOMICS 337)
339. FAMILY BEHAVIOR: MANAGEMENT OF PERSONALITIES 3 semester hours.
M. W. F. 11:00. Winter.
 Family behavior; adjustments of family members or of families in the larger social group; a perspective on life in a family group and an insight into the responsibility awaiting the parents of the family of tomorrow.
340. MANAGEMENT IN FAMILY LIVING 3 semester hours.
M. W. F. 11:00. Spring.
 The place of management in homemaking and the development of methods in analyzing the management problems of time and money.
341. HOME ECONOMICS EDUCATION 3 semester hours.
Hours to be arranged. Winter and Spring.
Open only to juniors and seniors.
 The place of home economics in the whole program of education; the organization and administration of the home economics curriculum for various school levels; instructional planning; interpretation of opportunities, and the development of an open-minded, growing teacher are included in this course.

LABORATORY FEES

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|---|---------|
| Foods 312a, 312b, 314, 346, 348, per trimester..... | \$15.00 |
| Clothing 323a, 347, per trimester..... | 5.00 |

DEPARTMENT OF JOURNALISM

Professor J. Willard Ridings, Head of the Department

Requirements for a Major in Journalism:

- Major*—24 semester hours in journalism.
Minor—18 semester hours in economics, government, history, or sociology; 24 semester hours in English.
Required—Economics 321, Government 326 and 328, History 332.
Note—A knowledge of the use of the typewriter is essential in all journalistic work, and is required.

323. NEWS WRITING 3 semester hours.
M. W. F. 8:00. Winter.
Prerequisite: English 311 and sophomore standing.
 Fundamentals of news writing, news values, and news presentation.
324. COPY READING 3 semester hours.
M. W. 8:00. Spring.
Laboratory Th. 1:00.
Prerequisite: Journalism 323.
 Principles of style, news editing, and headline writing.
- 333ab. REPORTING 6 semester hours.
M. 11:00; W. 1:00-4:00.
Daily reporting hours to be arranged.
Prerequisite: Journalism 323 and 324.
 Practical work in reporting and copy reading. The class is organized as a newspaper editorial staff, with the instructor as the editor in charge. One hour daily is devoted to reporting, three hours each week to copy reading, and one hour each week to conference. Reporting hours must be arranged by consultation with the instructor.
331. JOURNALISTIC WRITING 3 semester hours.
Tuesday, 7-9:30 P. M. Spring.
 A course designed to give individual attention to the student. Opportunity is given for study and practice in various forms of journalistic writing. *No credit toward a major in journalism.*
336. HISTORY OF JOURNALISM 3 semester hours.
T. T. S. 8:00. Spring.
 A study of the development of the newspaper. This course is open as an elective to juniors and seniors in all departments.
338. COMPARATIVE JOURNALISM 3 semester hours.
Not offered in 1944-'45.
 A comparative study of the journalism of the world. This course is open as an elective to juniors and seniors in any department.
339. ADVERTISING PRINCIPLES AND PRACTICES (Bus. Ad.) 3 semester hours.
Offered in Evening College only; see Evening College catalog.
 A general survey of all phases of advertising designed to provide: (1) a working knowledge for those planning to follow other vocations; and (2) a foundation for further detailed study for those planning to enter the advertising profession. Instruction by text, class discussion, and frequent written exercises affording practice of the principles learned.
- 340ab. EDITORIAL AND LAW OF THE PRESS 6 semester hours.
M. W. F. 9:00. Session.
 The writing of editorials and study of editorial problems. Readings in current opinion. Study of newspaper law.
 Open as an elective to juniors and seniors in any department.
341. ADVERTISING COPY (Bus. Ad.) 3 semester hours.
Not offered in 1944-'45.
 Principally a laboratory course involving detailed study of the fundamentals of forceful copywriting. Elements of layout and mechanics are included. Special attention given to local retail advertising problems. Instruction by text, lecture, supervised practice in class, independent outside assignments, and group discussion of all work.

342. FEATURE WRITING 3 semester hours.
T. T. 8:00. Winter.
Prerequisite or concurrent: Journalism 333.
 Principles and practice in the field of newspaper feature articles.
344. NEWSPAPER PROBLEMS 3 semester hours.
Research Course. Spring or Winter.
Prerequisite: Senior standing and consent of department head.
 An intensive study of some problem in the journalistic field in which the student is most interested. An extensive written report on the study is required.

DEPARTMENT OF LATIN

Assistant Professor Mrs. A. B. Bryson

- *310ab. EARLY READING COURSE 6 semester hours.
Prerequisite: Two units of high school Latin.
- *320ab. A SURVEY OF LATIN PROSE LITERATURE 6 semester hours.
- *331. TERENCE AND APULEIUS 3 semester hours.
- *332. ADVANCED COMPOSITION 3 semester hours.

*Available on sufficient demand.

DEPARTMENT OF MATHEMATICS

Professor C. R. Sherer, Head of the Department

Assistant Professors Elizabeth Shelburne, L. W. Ramsey

Instructors Ina Bramlett, Charlie Noble

Assistant Instructor Reka Lois Black

Requirements for a Major in Mathematics:

Major—B. A. degree 28 semester hours.

Required—513 (or 315, 316 and 318), 323, 522, and at least 12 semester hours of junior or higher rank, not including 330.

Minor—18 semester hours in chemistry or physics.

The Department may recommend other minors.

Prescribed—Physics 411, French or German as the foreign language.

Spanish must be approved by the Department. A comprehensive examination during the last semester of the senior year.

The amount of mathematics required for any degree will be found stated under the "Requirements for Graduation."

Mathematics 511 or 513 (or 315 and 316 and 318) is prerequisite for all advanced courses in mathematics. If less than two units of high school mathematics are presented upon entrance, register for Mathematics 018, the freshman year. Special permission must be obtained from the Department to receive credit in Mathematics 312a if more than one and one-half units of high school algebra or more than three units of high school algebra and geometry are presented.

Engineering students should take Mathematics 315, 316, and 318 or 513. These are the customary courses given in standard engineering schools. Mathematics 312a or 315 and either Mathematics 312b or 320 will complete the six hours required of business administration students. In many cases it will be advisable to take both 312b and 320.

Mechanical drawing, descriptive geometry, and surveying courses are listed under engineering.

018. TUTOR ALGEBRA No credit.
Hours to be arranged if sufficient demand. Staff.
 Designed to meet the needs of those who enter with less than two units of high school mathematics.
- 312ai. ALGEBRA (social science, pre-law, business administration students) 3 semester hours.
T. T. S. 10:00, 2 sections. Winter Staff.
T. T. S. 10:00, 1 section. Spring. Staff.
Prerequisite: Two units of high school mathematics.
 This course is a study of the essential principles of college algebra. Special permission must be obtained to receive credit if more than three units of high school algebra and geometry or more than one and one-half units of high school algebra are presented.
- 312bi. MATHEMATICS OF FINANCE 3 semester hours.
 (social science, pre-law, business administration students)
T. T. S. 10:00, 1 section. Winter. Staff.
T. T. S. 10:00, 2 sections. Spring. Staff.
Prerequisite: Mathematics 312a or 315.
 This course is essentially the application of algebraic principles in the field of mathematics of finance. It will complete the six hours required for business administration majors.
315. COLLEGE ALGEBRA 3 semester hours.
M. W. F. 9:00, 1 section. Winter. Staff.
M. W. F. 9:00, 1 section. Spring. Staff.
Prerequisite: Three units of high school algebra and geometry.
 A standard course in college algebra, the same as given in a standard engineering school.
316. TRIGONOMETRY 3 semester hours.
T. T. S. 9:00, 1 section. Winter. Staff.
T. T. S. 9:00, 1 section. Spring. Staff.
Prerequisite: Three units of high school algebra and geometry, or Mathematics 12a or 315.
 A basic course in trigonometry. Detailed study of numerical and analytical trigonometry.
318. ANALYTICAL GEOMETRY 3 semester hours.
T. T. S. 9:00. Spring. Staff.
Prerequisite: Mathematics 315 or 316.
 A study of the straight line, conic sections, and loci problems.
320. ELEMENTARY STATISTICS 3 semester hours.
M. W. F. 11:00. Spring. Miss Bramblett.
Prerequisite: Mathematics 312a or its equivalent.
 This course is a study of the basic principles of statistics. All students who wish to take other courses in statistics or prepare for Civil Service examinations in statistics in various departments should register for this course. It may be substituted for Mathematics 312b to complete the six hours required for business administration majors.
- 511a. MATHEMATICAL ANALYSIS (M1) 5 semester hours.
M. T. W. T. F. 8:00. Winter. Staff.
M. T. W. T. F. 3:30. Spring. Staff.
Prerequisite: Not more than two units of high school algebra and geometry.
 This course is designed for the student with a limited high school background in mathematics. It contains elementary college algebra, plane trigonometry and logarithms. Credit given only if 511b is completed.

- 511b. MATHEMATICAL ANALYSIS (M2) 5 semester hours.
M. T. W. T. F. 3:30. Winter. Staff.
M. T. W. T. F. 8:00. Spring. Staff.
Prerequisite: Mathematical Analysis 511a.
 A continuation of Mathematical Analysis 511a. It contains an introduction to spherical trigonometry, determinants, and linear systems, simultaneous quadratics, theory of equation, complex numbers, and elementary analytic geometry.
- 513a MATHEMATICAL ANALYSIS (M3) 5 semester hours.
M. T. W. T. F. 8:00. Winter. Staff.
M. T. W. T. F. 2:30. Spring. Staff.
Prerequisite: 2½ or more units of high school algebra and geometry.
 This course is designed for the student with a good high school background in mathematics. It contains a detailed study of college algebra and plane trigonometry, and an introduction to spherical trigonometry. Credit given only if 513b is completed.
- 513b. MATHEMATICAL ANALYSIS (M4) 5 semester hours.
M. T. W. T. F. 2:30 Winter. Staff.
M. T. W. T. F. 8:00 Spring. Staff.
Prerequisite: Mathematical Analysis 513a.
 A continuation of Mathematical Analysis 513a. It contains a detailed study of analytic geometry, empirical determinations, elementary solid analytical geometry, coördinate systems, and theory of equations.
- 522ai. CALCULUS (M5) 5 semester hours.
M. T. W. T. F. 8:00. Winter. Staff.
M. T. W. T. F. 8:00. Spring. Staff.
Prerequisite: Mathematical Analysis 511 or 513, or 315 and 316 and 318.
 The derivative and its interpretation, maxima and minima, related rates, differentials, definite integrals with applications, improper integrals.
- 322bi. CALCULUS (M6) 3 semester hours.
M. T. W. T. F. 8:00. Winter. Staff.
M. W. F. 8:00. Spring. Staff.
Prerequisite: Calculus 522a.
 A continuation of Calculus 522a. It contains applications of the definite integral, curve tracing, indeterminate forms, Taylor's and Maclaurin's theorems, partial differentiations, multiple integrals.
225. ANALYTICAL MECHANICS (A1) 2 semester hours.
T. T. 8:00. Winter. Ramsey.
T. T. 8:00. Spring. Ramsey.
Prerequisite: Must be preceded or accompanied by Math. 322b.
 A course in Analytical Mechanics for Navy V-12 students. It includes a study of scalar and vector quantities, composition and resolution of forces, moments, couples, equilibrium, free bodies, coplanar and non-coplanar forces, friction, centroids, moments of inertia, and hydrostatic pressure. Both graphical and analytical methods will be discussed.
323. NAVIGATION (M8) 3 semester hours.
M. W. F. 9:00. Winter. Miss Noble.
T. T. S. 9:00. Winter. Miss Noble.
Hours to be arranged (2 sections) Spring.
Prerequisite: Mathematics 511 or 513 or its equivalent.
 This course is primarily a study of spherical trigonometry. Applications are taken from Dutton.

324. NAUTICAL ASTRONOMY (M9) 3 semester hours.
T. T. S. 10:00. Winter. Miss Noble.
T. T. S. 9:00. Spring. Miss Noble.
Prerequisite: Mathematics 321.
 This course is a study of that portion of astronomy that will be useful in nautical navigation. Special attention is given to various coördinate systems used in locating the positions on the earth, and the important nautical stars.
330. THE TEACHING OF SECONDARY MATHEMATICS 3 semester hours.
Hours to be arranged. Spring. Miss Bramblett.
Prerequisite: Mathematics 322b.
 For those who expect to teach in the high school. Observations will be made in the schools of Fort Worth. A paper on some phase of the subject will be required.
331. ADVANCED ANALYTICAL GEOMETRY 3 semester hours.
M. W. F. 11:00. Winter. Staff.
Prerequisite: Mathematics 322b, or by permission.
 A detailed resume of the conic sections, the general equation of second degree, locus problems in plane analytical geometry. The fundamental concepts of solid analytical geometry and an introduction to differential geometry.
332. ADVANCED ALGEBRA AND DETERMINANTS 3 semester hours.
M. W. F. 11:00. Spring. Mr. Sherer.
Prerequisite: Mathematics 322b or by permission.
 Selected topics in the theory of equations and in the general theory of determinants and matrices. A general study of infinite series with special emphasis upon tests for convergence or divergence.
340. ADVANCED CALCULUS 3 semester hours.
M. W. F. 9:00. Winter. Mr. Sherer.
Prerequisite: Mathematics 331 and 332, or by permission.
 A study of advanced integral calculus and its application in the physical sciences.
341. ELEMENTARY DIFFERENTIAL EQUATIONS (M7) 3 semester hours.
M. W. F. 9:00. Spring. Mr. Sherer.
Prerequisite: Mathematics 340.
 A study of elementary ordinary differential equations.
050. SPECIAL TOPICS IN MATHEMATICS 1-6 semester hours.
Credits and hours to be arranged.
Prerequisite: Mathematics 341.
 Individual conferences and seminar discussion.
 Credit will depend upon the nature of the study and the amount of work done.

ENGINEERING

A sufficient number of courses are available for the prospective engineering student to complete four full trimesters of work in that field at T. C. U. The specific table of courses for students entering the various fields of engineering will be found in Table XII, page 39.

017. ENGINEERING LECTURES Non-credit.
Hours to be arranged. Summer-Fall. Mr. Ramsey.
 An orientation course for engineering students. Includes instruction in the use of the slide rule, solutions of geometrical and elementary engineering problems and lectures on various phases of the engineering field. One hour lecture per week.

018. ENGINEERING LECTURES Non-credit.
Hours to be arranged. *Winter.* *Mr. Ramsey.*
 A continuation of Engineering 017. One hour lecture per week.
210. V-12 MECHANICAL DRAWING (D1) 2 semester hours.
Hours to be arranged. *Winter and Spring.* *Mr. Ramsey.*
Two three-hour periods per week.
Prerequisite: One unit of plane geometry.
 An introductory course in mechanical drawing. Includes care and use of instruments, freehand lettering, geometric constructions, principles of orthographic projection, auxiliary views, sectioning, dimensioning, freehand sketching, simple working drawings, tracing, and pictorial drawing. *This course does not carry engineering credit.*
211. V-12 DESCRIPTIVE GEOMETRY (D2) 2 semester hours.
Hours to be arranged. *Winter and Spring.* *Staff.*
Two three-hour periods per week.
Prerequisite: Drawing 212. One-half unit of solid geometry preferred.
 A study of the theory of orthographic projection. Visualization and representation of points, lines, and planes in space. True lengths, curved surfaces, and intersection and development of surfaces. *This course does not carry engineering credit.*
310. ENGINEERING DRAWING 3 semester hours.
Hours to be arranged. *Summer-Fall.* *Mr. Ramsey.*
Two four-hour laboratory and one one-hour lecture periods per week.
Lab. fee \$10.00, one-half of which may be refunded if there is no breakage.
Prerequisite: One unit of plane geometry.
 A basic course in Engineering Drawing. Includes care and use of drawing instruments, freehand lettering, geometric construction, orthographic projection, auxiliary views, sectional views, dimensioning, freehand sketching, pictorial drawing, tracing, and blue printing. Considerable emphasis is placed on the execution of working drawings. Required of engineering students.
311. ENGINEERING DESCRIPTIVE GEOMETRY 3 semester hours.
Hours to be arranged. *Winter.* *Mr. Ramsey.*
One four-hour laboratory and two one-hour lecture periods weekly.
Lab. fee \$10.00, one-half of which may be refunded if there is no breakage.
Prerequisite: Drawing 310. One-half unit of solid geometry is desirable.
 A study of the theory of orthographic projection. Problems relating to points, lines, planes, intersections of solids, and developments of surfaces. A number of engineering applications will be taken up in the drafting room. Required of engineering students.

SURVEYING

324. ELEMENTARY SURVEYING 3 semester hours.
Hours to be arranged. *Mr. Ramsey.*
 Offered if sufficient demand.
Prerequisite: Plane trigonometry.
 The care and use of the tape, level, transit, and other surveying instruments. A study of the measurement of angles, elevations, land surveying and computations, use of the stadia, traversing, mapping, observations for true meridian. Two hours lecture and four hours laboratory per week.

325. ADVANCED SURVEYING 3 semester hours.
Hours to be arranged.
Mr. Ramsey.
 Offered if sufficient demand.
Prerequisite: Elementary Surveying.
 Organization of surveys, location surveys, triangulation, earth work, drainage, cross-sectioning, computing and staking out curves, engineering astronomy, photographic and aerial mapping. Two hours lecture and four hours laboratory per week.

MEDICAL TECHNOLOGY

(See Department of Biology and Geology)

DEPARTMENT OF MODERN LANGUAGES

Professor Josiah Combs, Head of the Department; Professor Jerome Moore
Associate Professor Eula Lee Carter
Instructor Bita May Hall

FRENCH

Requirements for the Major in French:

Major—24 semester hours, exclusive of French 311.

Minor—18 semester hours of Spanish or English above freshman rank, or 18 semester hours of another subject with written permission of the Head of the Department.

Any student presenting French as a minor will take 18 semester hours above French 311ab.

Courses 311ab and 321ab or their equivalent are prerequisite to all other courses.

No credit is given for only one trimester of French 311, 321, German 311, 321, or of Spanish 311, 321. Both trimesters of any one of these courses must be finished during the collegiate year, or in the summer term.

- 311ab. FIRST YEAR 6 semester hours.
 M. W. F. 9:00. *Session.* Staff.
 M. W. F. 1:30. *Session.* Staff.
 The elements of grammar, with special emphasis on pronunciation, and easy conversation. Reading of a simple text.
- 321ab. SECOND YEAR 6 semester hours.
 T. T. S. 10:00. *Session.* Staff.
 T. T. S. 11:00. *Session.* Staff.
 Review of grammar, composition; reading of a number of stories and plays in class and outside, and conversation.
- 331ai., 331bi. THE NINETEENTH CENTURY NOVEL 6 semester hours.
Not offered in 1944-1945.
 An introduction to the origins of the novel in France; a study of the movements in fiction from Romanticism to the twentieth century, including Hugo, Balzac, Dumas *pere*, Flaubert, Zola, Anatole France, and others. This course will also include some practice in conversational French.
332. ADVANCED PRONUNCIATION AND CONVERSATION 3 semester hours.
Not offered in 1944-1945.
Recommended for students who expect to teach French.

333. THE DRAMA SINCE ROMANTICISM 3 semester hours.
T. T. S. 11:00. Winter. Miss Hall.
 The various types of the drama through the nineteenth century since Romanticism, and origins of contemporary French drama.
- 341ab. SURVEY OF FRENCH LITERATURE 6 semester hours.
M. W. F. 10:00. Session. Mr. Combs.
 A general survey of the history of French literature. The Middle Age, the Renaissance, Classicism, the eighteenth and nineteenth centuries, and contemporary literature. *Required of all students majoring in French.*
351. THE CLASSIC SCHOOL 3 semester hours.
T. T. S. 11:00. Spring. Miss Hall.
 (a) Formation of the classic tragedy: Corneille, and the influence of Descartes and Pascal.
 (b) Racine, Moliere and the criticism of Boileau.
- 353ai., 353bi. THE ROMANTIC MOVEMENT 6 semester hours.
Not offered in 1944-1945.
 The origins of the movement in France, and foreign influences; its immediate precursors, and subsequent triumph. Growth of the novel, drama and lyric poetry during this period. Rousseau, Saint-Pierre, Chateaubriand, de Stael, Lamartine, Hugo, Vigny, Musset, Dumas *pere* and others.
- 352ab. HISTORY OF THE FRENCH LANGUAGE 6 semester hours.
Not offered in 1944-1945.
 The course will include some reading from the *Chanson de Roland*.

GERMAN

- 311ab. FIRST YEAR 6 semester hours.
T. T. S. 10:00. Session. Mr. Combs.
 The elements of grammar, with special stress on pronunciation, and easy conversation. Reading of a simple text or two.
- 321ab. SECOND YEAR 6 semester hours.
M. W. F. 11:00. Session. Mr. Combs.
 Reading of modern German prose and simple scientific texts for development of vocabulary. Brief review of grammar. Additional outside reading in student's particular field.

SPANISH

*Requirements for the Major in Spanish:**Major*—24 semester hours, exclusive of Spanish 311ab.*Minor*—18 semester hours of French or English above freshman rank, or 18 semester hours of another subject with written permission of Head of the Department. Any student presenting Spanish as a minor will take 18 semester hours above Spanish 311ab.

Courses 311ab, 321ab, and at least three hours chosen from 325, 326, and 331 prerequisite to all other courses.

- 311ab. FIRST YEAR 6 semester hours.
M. W. F. 8:00. Session. Staff.
T. T. S. 9:00. Session. Staff.
 The elements of grammar, with special emphasis on pronunciation and easy conversation. Reading of simple texts.
- 311b. *Continuation of 311a.*
T. T. S. 9:00. Winter. Staff.

- 321ab. SECOND YEAR 6 semester hours.
M. W. F. 9:00; M. W. F. 10:00. Session. Staff.
 Review of grammar, composition; reading of a number of stories and plays in class and outside, and conversation.
- 321a. *T. T. S. 9:00. Spring. Staff.*
325. CONVERSATION AND COMPOSITION 3 semester hours.
Daily 1:30 Fall, 1944 Miss Carter.
326. RAPID READING OF MODERN AUTHORS 3 semester hours.
T. T. S. 10:00. Winter. Miss Carter.
331. COMMERCIAL SPANISH 3 semester hours.
 (See Evening College Catalogue.) Dean Moore.
- 332ai., 332bi. THE NINETEENTH CENTURY NOVEL 6 semester hours.
Not offered in 1944-1945. Miss Carter.
 The novel of the nineteenth century, including such novelists as Galdos, Valdez, Valera, Ibanez, Alarcon, Pereda, Bazan, and others.
334. THE TEACHING OF MODERN LANGUAGES 3 semester hours.
Not offered in 1944-1945. Miss Carter.
Prerequisite: Junior Standing.
 A pre-education course in methods of teaching Spanish. Observation and practice teaching required.
335. SPANISH CIVILIZATION 3 semester hours.
T. T. S. 10:00. Spring. Miss Carter.
 The course is offered to acquaint the student with the contributions of Spain to literature, art, thought, and culture in general. Most of the reading will be from Spanish texts.
336. SPANISH AMERICAN LITERATURE AND CIVILIZATION 3 semester hours.
M. W. F. 1:30. Spring. Miss Carter.
341. MODERN DRAMA 3 semester hours.
M. W. F. 1:30. Winter. Miss Carter.
 Contemporary drama, Benavente, Marquina, Sierra, the Quinteros and others.
342. GOLDEN AGE DRAMA 3 semester hours.
Offered on demand. Dean Moore.
345. THE PICARESQUE NOVEL 3 semester hours.
Not offered in 1944-1945. Staff.
Prerequisite: Two years of Spanish (311 excepted).
 A study of the origins (the *Celestina*, etc.), Pedro de Urdemalas, Lazarillo de Tormes, and others with extracts from these works.

MUSIC

(See School of Fine Arts)

NURSING

Upon completion of four trimesters of work as outlined in Table XI on page 39, the candidate will take the regular three-year course in nursing at the Harris Memorial Methodist Hospital. The Bachelor of Science degree will be conferred on graduation from the Hospital. Graduate nurses who wish to apply for this degree will receive 30 semester hours credit and will satisfy the requirements listed in Table XI and 30 additional hours in approved courses. Students from Harris Memorial Methodist Hospital who enrolled in the T. C. U. School of Nursing in 1943-1944 were 154 in number. For information apply to the Hospital, or to the Dean of the Evening College at the University.

DEPARTMENT OF PHILOSOPHY

*Professor Cortell K. Holsapple, Head of the Department
Representatives of other Departments are Associate Professors
Thomas F. Richardson and Fred West*

Requirements for a Major in Philosophy:

Major—24 hours in philosophy.

Minor—18 semester hours in psychology, English (24), history, modern languages, or education.

319. INTRODUCTION TO PHILOSOPHY 3 semester hours.
T. T. S. 10:00. Spring. Staff.
An introduction to the various fields of philosophy, with some consideration of the problems therein. The aim is to train the student in philosophical investigation and to encourage vigorous thinking.
322. LOGIC 3 semester hours.
M. W. F. 9:00. Spring. Mr. Holsapple.
An elementary study of deductive and inductive reasoning.
323. ETHICS 3 semester hours.
T. T. S. 10:00. Winter. Mr. Holsapple.
A study of the development of morality in the life of the race by means of essays, discussions, lectures, and readings. Three main problems are reviewed: (1) the history of ideals of conduct; (2) the criteria and forms of morality according to the classic systems; (3) the application of acceptable standards to present day problems.
- 334ab. HISTORY OF PHILOSOPHY 6 semester hours.
M. W. F. 10:00. Session. Mr. Holsapple.
This course presents the fundamental aspects of philosophical thought from Thales down to the present. Representative selection from its chief philosophers are read and discussed. These readings are supplemented by lectures and class assignments for more general reading. A survey course in the history of thought.
339. PHILOSOPHY OF RELIGION 3 semester hours.
T. T. 8:00 and third hour to be arranged. Spring. Mr. West.
Prerequisite: Junior standing.
A survey of the fundamental ideas and concepts of religion in the light of modern philosophical and scientific thought. The course attempts to weigh the claims of religion and to measure the values thereof.
342. BRITISH EMPIRICISM IN THE EIGHTEENTH CENTURY 3 semester hours.
T. T. S. 11:00. Winter. Mr. Holsapple.
Locke, Berkeley, and Hume will be the principal writers studied.
- 350ab. ADVANCED PHILOSOPHICAL STUDIES 6 semester hours
Evening College. Tuesday. Mr. Holsapple.
Offered in 1945-46 and alternate years.
Prerequisite: Philosophy 6 semester hours.
Open to seniors and graduates only.
Extended selections from the writings of Plato and Aristotle (first semester); of Kant and German philosophy (second semester).
- 351ab. SEMINAR IN CONTEMPORARY PHILOSOPHY 6 semester hours.
Evening College. Tuesday. Mr. Holsapple.
660. THESIS 6 semester hours.
Mr. Holsapple.

PHYSICAL EDUCATION—REQUIRED

Thomas Prouse, Head of the Department for Men

Helen Walker Murphy, Head of the Department for Women

Degree courses and certificate requirements for teaching physical education are to be found in the School of Education section of this catalogue.

Requirements in Physical Education for Men and Women

Credit for four trimesters in physical education "P. T." classes is required for graduation. Physical training will be required of all men each trimester during the war emergency. Women are expected to complete the requirement during the first four trimesters, and are advised to continue physical training as a good health measure as long as they are in the University.

For each trimester in which the physical education requirement is failed or omitted, one semester hour of college credit will be subtracted from the permanent record of the student, as a penalty, but in any case two years will be required for graduation. (In practice, each 15 semester hours, as earned, will be considered a trimester.)

FOR MEN

The activity program for the first year classes will include such sports as tag football, speedball, basket ball, track, baseball, and swimming. All men unable to show proficiency in swimming are required to take swimming one trimester.

Sophomores, juniors and seniors may choose their courses from the following list: tennis, volleyball, golf, advanced swimming and life saving, boxing, handball, team sports.

A modified program of activities will be provided for those who are not able to take the regular class work.

Intramural Athletics. The purpose of this branch of the physical education department is to encourage the men of the study body to participate in organized athletic sports and in wholesome, active recreation. A wide variety of sports is offered. One semester credit is given in physical education for 250 "participation points" in intramural athletics. Full information in regard to the intramural program is given in the Handbook of Intramural Activities.

Note: Twelve special memberships at the Worth Hills Municipal Golf Course are available for sopomores and freshmen by special permission.

FOR WOMEN

Women will report to Mrs. Murphy as instructed at the time of registration for placement in P. T. classes according to types of activity. A variety of courses is offered. Health examinations will be given to all first-year women to determine the type of physical training best suited to their needs.

The Women's Sports Association takes the place of the intramural program. A wide variety of activities is sponsored by this organization to give all women of the University an opportunity not only to participate in tournaments but also to learn certain sports they desire. Letters are awarded for 100 hours of "participation points."

A modified program of activities will be provided for all who are not able to take the regular class work. Hours will be arranged.

A Pre-Junior test in sports is required of majors in P. E. Those failing this test must take three years of physical training.

DEPARTMENT OF PHYSICS

Professor Newton Gaines, Head of the Department

Associate Professor Joseph Morgan; Assistant Professor George A. Titterington; E. S. M. W. T. Radio Instructors Kenneth Boyle, A. G. Wood,

H. E. Swisher; Instructors in Aviation E. Owen Cobb,

Mrs. Natalee Davis Griffin, William K. Mc-

Connell, M. H. Spinks, T. Paul Nelson,

Stephen H. Martonak.

Requirements for a Major in Physics:

Major—30 semester hours in physics, including Physics 411a, 411b, 322a, 322b, 331a, 331b, 340, 341a, and 341b.

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

Prescribed: Mathematics 14 hours, chemistry 8 hours, and German or French as the foreign language, German preferred. A comprehensive examination is required in the final semester of the senior year.

411a. GENERAL PHYSICS 4 semester hours.

M. W. F. 11:00. Lab. M. or W. 1:30-4:30. Winter. Staff.

M. W. F. 8:00. Lab. Tu. 9-12 or Th. 1:30-4:30. Spring. Staff.

Begins each trimester.

Prerequisite: Two units of high school algebra and plane geometry, or freshman mathematics.

Mechanics, heat, wave motion, and sound.

411b. GENERAL PHYSICS 4 semester hours.

M. W. F. 8:00. Lab. Tu. 9-12 or Th. 1:30-4:30. Winter. Staff.

M. W. F. 11:00. Lab. M. or W. 1:30-4:30. Spring. Staff.

Begins each trimester.

Prerequisite: Physics 411a or personal approval of instructor.

Electricity, magnetism, light, optics, and atomic physics.

320. THE PHYSICAL THEORY OF MUSIC 3 semester hours.

M. F. 10:00. Laboratory Tu. 1:30-4:30. Spring. Staff.

Prerequisite: Sophomore standing or personal approval of instructor.

No previous physics is required.

Use is made of such modern equipment as cathode-ray oscillograph, Hammond electric organ, audio-oscillator, and stroboscope to find physical explanation of resonance, beats, harmonics, dissonant and consonant intervals, diatonic and tempered scales, the qualities that characterize the different musical instruments, and of reverberation in auditoriums and its control. The theory of tuning keyboard instruments is developed.

321. PHOTOGRAPHY 3 semester hours.

M. F. 10:00. Lab. Tu. or Wed. 1:30-4:30. Summer-Fall Staff.

Prerequisite: Sophomore standing and 6 hours of any laboratory science. No previous physics is required.

Theory and technique of photography both as an art and as a scientific and commercial tool. All photographic materials, film, printing paper, and chemicals are furnished the student, together with cameras, exposure meter, enlarger, and dark-room laboratory. Available to any student especially interested are the spectograph, x-ray, and photomicrographic apparatus.

- 322a. GEOMETRICAL OPTICS 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Spring and every fourth trimester.
Prerequisites: Physics 411a, 411b, and freshman mathematics.
 Mirrors, refraction at spherical surfaces, theory of lenses, lens aberrations, image defects, thick lenses, optical instruments including telescopes, microscopes, range-finders, sextants, periscopes, sights, etc.
- 322b. PHYSICAL OPTICS 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Summer-Fall, 1944, and every fourth trimester.
Prerequisite: Physics 322a or personal approval of instructor.
 Wave motion, Huygen's principle, Fermat's principle, scattering and interference, diffraction, polarization, spectra and the quantum theory of radiation, x-rays and crystal analysis; also velocity of light and the special theory of relativity.
623. C. A. A. WAR PILOT TRAINING, ELEMENTARY 6 semester hours.
Special schedule of classes. Flying hours to be arranged.
For information concerning private instruction consult the Dean of the Evening College.
 Ground courses and flying instruction leading to a Private Pilot Certificate. Includes aircraft operation, civil air regulations, meteorology, and elementary navigation. (This course is given under contract with the United States government, and its being repeated depends upon continuance of Civil Pilot Training.)
- 331a. ELECTRICITY AND MAGNETISM 3 semester hours.
T. T. 9:00. Lab. M. 1:30-4:30. Winter. Staff.
T. T. 10:00. Lab. F. 1:30-4:30. Spring. Staff.
Prerequisite: Physics 411a, 411b, and calculus.
 The fundamental theory and experiments that underlie electrical engineering: electric and magnetic fields and the motions of electrons and ions therein; alternating current and its vector representation; characteristics and operation of D. C. and single phase and three-phase A. C. electro-magnetic machinery, instruments and circuits; generation, transformation, transmission, and utilization of electric power; rectifiers, thermionic tubes, elementary radio; lamps and illumination.
- 331b. ELECTRICITY AND MAGNETISM 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Winter, 1944.
Prerequisite: Physics 331a.
 A continuation of Physics 331a with especial attention to the fundamental physical concepts and the more advanced mathematical and experimental techniques.
633. C. A. A. WAR PILOT TRAINING, ADVANCED 6 semester hours.
Special schedule of classes. Flying hours to be arranged.
Prerequisite: Physics 623 or equivalent.
 Ground courses and flying instruction leading to a Restricted Commercial Pilot's Certificate, including aerodynamics and aircraft, advanced aircraft operation, radio and celestial navigation, and power plants. (This course is given under contract with the United States Government, and its being repeated depends upon continuance of Civil Pilot Training.)

- 334a. RADIO AND ELECTRONICS 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Winter, 1944, and every fourth trimester.
Prerequisite: Physics 411a, 411b, and Freshman Mathematics.
 A broad treatment of radio communication and engineering electronics including: transmitting and receiving systems; use of tubes as rectifiers, amplifiers, oscillators, modulators, demodulators; characteristics of diodes, triodes, and multigrad tubes and their graphical analysis.
- 334b. RADIO AND ELECTRONICS 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Spring, 1945, and every fourth trimester.
Prerequisite: Physics 334a or personal approval of instructor.
 Microphones and loud speakers. Emission and properties of electrons and their control in vacuum and gas-filled tubes; photoelectricity, television, and electron microscope tubes and circuits; industrial control circuits.
340. THE TEACHING OF ELEMENTARY PHYSICS 3 semester hours.
Two trimesters. Laboratory, see description below.
Prerequisite: 14 semester hours, three of which may be taken concurrently. Members of this class serve one day each week as extra demonstrators in Physics 411a and 411b and share in departmental conferences and seminars.
- 241a or 341a. ANALYTICAL MECHANICS AND SOUND 2 or 3 semester hours.
T. T. 8:00. Each trimester.
Prerequisite: Physics 411a, 411b, and calculus. The calculus may be taken concurrently. The simpler statics and dynamics of particles, of rigid and elastic solids, and of liquids and gases; forces in structures and machines, beams, columns, and shafts; strength and elastic properties of materials; centrifugal and gyroscopic actions in engines and other machinery; vibration and resonance phenomena; production, propagation, and detection of waves in solids, liquids, and gases. Vector analysis is developed and used wherever it contributes to directness of treatment; graphic, drafting board methods are also emphasized throughout the course.
- 341b. HEAT AND THERMODYNAMICS 3 semester hours.
T. T. 10:00. Lab. F. 1:30-4:30. Winter. Staff.
T. T. 9:00. Lab. M. 1:30-4:30. Spring. Staff.
Prerequisite: Physics 411a, 411b, and calculus. The calculus may be taken concurrently.
 Temperature, fuels, conservation of energy, measurements of conduction, convection, and radiation of heat; kinetic theory of gases and vapors; equations of state; internal energy, work done by gases, specific heats; general gas equation, Carnot's cycle; flow and acceleration of liquids and gases; enthalpy and entropy; elementary thermodynamics with specific applications to steam engines and turbines, steam boilers and condensers, internal combustion engines, and refrigeration; the use of steam tables and charts.
050. ASSIGNED PROBLEMS IN PHYSICS 1 to 6 semester hours.
 Fifty clock hours of laboratory work are required for each semester hours of credit.

DEPARTMENT OF PSYCHOLOGY

Associate Professor Thos. F. Richardson, Acting Head of the Department
Assistant Professor Mrs. Hazel Tucker Woodward

Prescribed for all degrees: Psychology 321 or 3 semester hours of Philosophy.
Requirements for a Major in Psychology:

Major—24 semester hours in psychology.

Minor—18 semester hours in biology, philosophy, religion, sociology, modern languages, education, economics, or other departments with the approval of the heads of the departments.

321. GENERAL PSYCHOLOGY 3 semester hours.
Winter. *Spring.*
 M. W. F. 8:00. M. W. F. 8:00. Mrs. Woodward.
 T. T. S. 11:00. M. W. F. 9:00. Mrs. Woodward.
 M. W. F. 10:00. Mrs. Woodward.
328. APPLIED PSYCHOLOGY 3 semester hours.
 T. T. S. 11:00. *Spring.* Mrs. Woodward.
Prerequisite: Psychology 321.
 Deals with the applications of psychology to education, medicine, industry, advertising, and salesmanship, and their mental laws. A further orientation course following 321.
332. ADVANCED PSYCHOLOGY 3 semester hours.
 T. T. S. 9:00. *Winter.* Mrs. Woodward.
Prerequisite: Psychology 321.
 A more detailed study of the senses and the intellectual activities. Recommended for majors and minors in psychology.
335. SOCIAL PSYCHOLOGY 3 semester hours.
 M. W. F. 9:00. *Winter.* Mr. Richardson.
Prerequisite: Psychology 321.
 A study of social groups and the psychological principles underlying their maintenance.
336. PSYCHOLOGY OF THE ABNORMAL 3 semester hours.
 M. W. F. 10:00. *Spring.* Mrs. Woodward.
Prerequisite: Psychology 321.
 A critical survey of the more important facts of mental derangement. Of practical value to students intending to enter any of the many types of social work.
337. MENTAL HYGIENE 3 semester hours.
 T. T. S. 9:00. *Spring.* Mrs. Woodward.
Prerequisite: Psychology 321, junior standing, and consent of instructor.
 An approach to the problems of human adjustment in an objective manner. Psychology applied to those problems which must be faced by the lawyer, teacher, physician, salesman, and parent. Credit in this course applies both in the fields of Psychology and Education.
341. HISTORY OF PSYCHOLOGY 3 semester hours.
 T. T. S. 10:00. *Winter.* Mrs. Woodward.
Open to juniors and seniors.
 A brief survey of psychology from Plato to the present time. Special attention given to the antecedents of modern schools.
343. TECHNIC OF MENTAL TESTING 3 semester hours.
 T. T. S. 11:00. *Spring.* Mr. Richardson.
 Practice in giving, scoring, and statistically treating mental tests of several types. About half the semester is laboratory work. Especially recommended for majors in psychology.

345. CLINICAL PSYCHOLOGY 3 semester hours.
Evening College. Winter. Staff.
352. PSYCHOLOGY OF RELIGION 3 semester hours.
 M. W. F. 9:00. Winter. Mr. Richardson.
Open to seniors and graduates only.
342. INDUSTRIAL PSYCHOLOGY 3 semester hours.
Evening College. Winter. Mr. Richardson.
Prerequisite: Psychology 321, or approval of instructor.
 A study of the applications of psychology that have been made in industry. Includes the application of psychology to employee selection, placement, reduction of accidents, improvement of merit rating, solution of visual problems, increasing accuracy of inspection, improvement of training methods, and the measurement and improvement of employee morale.
344. PSYCHOLOGY OF COUNSELING 3 semester hours.
 M. W. F. 10:00. Winter. Mr. Richardson.
Prerequisite: Psychology 321, senior standing, or approval of instructor.
 A study of the methods of counseling most frequently used with students, industrial workers, in social welfare work, and in other types of work which have as their purpose the direction and guidance of people. Some of the topics considered are: methods of securing data, the interview, group counseling, interpretation of personal data, and arriving at the solution of the problem.
350. STUDIES IN PSYCHOLOGY 3 semester hours.
Hours to be arranged. Session. Mr. Richardson.
Prerequisite: Senior or graduate standing.
 A course in which the student may make a comprehensive study of any phase of psychology that has not been completely covered in any other course. Designed to give an opportunity for a student to do research under guidance on some phase of psychology that is of special interest.

PUBLIC SPEAKING

(See Department of Speech-Drama)

DEPARTMENT OF RELIGION

Associate Professor Fred West, Head of the Department

Professor S. W. Hutton; Adjunct Professors C. A. Brurch, L. D. Anderson

Courses also listed in other Departments are taught by

*Professor A. L. Porterfield, Associate Professors T. F. Richardson,
 B. A. Crouch*

Requirements for an Undergraduate Major in Religion:

Major—30 semester hours in the Department of Religion.

Minor—18 semester hours in any other Department with approval of the Head of the Department of Religion, or 24 semester hours in English.

Prescribed courses: Religion 311, 320, 323, 330, and 024 or 030.

Students contemplating entering Brite College of the Bible should consult the Brite College Catalogue for entrance requirements.

All candidates for degrees in Texas Christian University must take 6 semester hours in the Department of Religion, all of which may be chosen from 320, 323, and 330; or 3 semester hours from the courses named above in this paragraph and 3 semester hours chosen from 311, 337, 339, 341, 345, 350, and 352.

311. INTRODUCTION TO RELIGION 3 semester hours.
T. T. S. 8:00. Winter. Mr. West.
 An orientation course in the theory and practice of religion and its place in modern society in the light of current scholarship, problems, and needs.
320. SURVEY OF BIBLE HISTORY 3 semester hours.
M. W. F. 8:00. Winter. Mr. West.
M. W. F. 8:00. Spring. Mr. West.
 A survey of the content of the Old Testament in relation to the history of the Hebrews, their religious outlook upon life, and modern every day living. Enough of the life of Christ and Acts, are studied to afford a background for their teachings.
323. NEW TESTAMENT SURVEY 3 semester hours.
T. T. S. 9:00. Winter. Staff.
T. T. S. 8:00. Spring. Mr. Burch.
 A survey of the contents of the New Testament in relation to its historical backgrounds and basic Christian teachings. In this course the student will be able to see the New Testament as a whole.
322. CHILD PSYCHOLOGY 3 semester hours.
T. T. S. 8:00. Spring. Mr. Crouch.
See Education 322. Not open to Freshmen.
330. LIFE AND TEACHINGS OF JESUS 3 semester hours.
M. W. F. 9:00. Winter. Mr. Burch.
T. T. S. 8:00. Winter. Mr. Burch.
M. W. F. 9:00. Spring. Mr. Burch.
 A study of the methods and content of the teachings of Jesus, with emphasis upon the application of his basic principles to modern day problems.
335. APOSTOLIC HISTORY 3 semester hours.
Not offered in 1944-1945. Staff.
337. THE EXPANSION OF CHRISTIANITY 3 semester hours.
Offered in 1945-1946. Mr. West.
 A historical survey of the nature and spread of Christianity in relation to the world.
338. PSYCHOLOGY OF THE HIGH SCHOOL PUPIL 3 semester hours.
M. W. F. 9:00. Spring. Mr. Crouch.
See Education 338. Not open to Freshmen.
339. PHILOSOPHY OF RELIGION 3 semester hours.
T. Th. 8:00, and third hour arranged. Spring. Mr. West.
 A study of religion in terms of its nature, function, and lasting intellectual problems. The aim of the course is to help students integrate their modern knowledge of facts with an ultimate concern for values within the framework of a total religious world view of life.
341. FINE ARTS IN RELIGIOUS EDUCATION 3 semester hours.
Offered in 1945-1946. Mr. Hutton.
 A practical study of music, drama, pictures, architecture, symbolism, and the story in the field of religious education. Projects relating to student interest will be included in the course. Major emphasis will be given to music in religious education.
342. CHRISTIANITY IN THE WORLD SOCIETY 3 semester hours.
T. T. S. 10:00. Spring. Mr. Burch.
Formerly Bible 142. Missions.

- 345ab. A HISTORY OF RELIGIOUS THOUGHT 6 semester hours.
T. T. S. 10:00. Winter-Spring. Mr. West.
 A study of the origin and development of American religious thought from colonial to modern times. The first trimester traces American religious thought from the European settlement of America through the Civil War period. The second trimester deals with contemporary American religious thought.
347. PRINCIPLES AND CURRICULUM OF RELIGIOUS EDUCATION 3 semester hours.
T. T. S. 8:00. Spring. Mr. Hutton.
 An introductory orientation course designed to give the student a systematic and comprehensive grasp of the objectives, standards, curriculum, method, program, organization and administration of the total field of religious education.
350. SOCIOLOGY OF RELIGION 3 semester hours.
Summer 1944, 1945. Mr. Porterfield.
 The biological, sociopsychological, and cultural foundations of religion; principles of religious development; the social functions of religion; the implications of various religions for social progress; the social implications of modern missions.
351. CHRISTIAN WORSHIP 3 semester hours.
T. T. S. 8:00. Winter. Mr. Hutton.
 A study of the principles and methods of public worship together with their application in building various types of worship programs required in the modern church. The course is built on the assumption that worship is fundamental in the program of the living church.
352. PSYCHOLOGY OF RELIGION 3 semester hours.
M. W. F. 9:00. Winter. Mr. Richardson.
Open to seniors and graduates only.
- 250ab. HOMILETICS 4 semester hours.
Th. 1:00-3:00. Winter-Spring. Mr. Anderson.
 Introduction to the Ministry.
024. THE PRACTICE OF PREACHING 4 semester hours.
M. 4:00. Six trimesters. Mr. Burch.
 The Timothy Club, organization of undergraduate ministerial students, offers an opportunity for ministerial students to learn the basic fundamentals of preaching and to obtain a measure of practice in preaching. The program of the organization, under the supervision of two faculty members, presents directed study of the art of preaching and opportunities for the application of homiletic principles in its meetings. A credit of four hours is allowed, for a minimum of three sessions, to those who show progressive mastery of preaching principles to the satisfaction of the faculty.
030. SUPERVISED CHRISTIAN SERVICE 3 semester hours.
Hours to be arranged. Six trimesters. Staff.
Credit for Religion 024 and 030 interchangeable.

COMBINATION MINORS FOR CHRISTIAN SERVICE

The following minors are recommended in combination with a major in Religion to prepare for specific Christian service as church secretaries, assistants, musicians, recreation leaders, drama directors, missionaries, social service workers, and also as better equipped men and women for lay leadership.

Secretarial Science: 18 sem. hrs., including Sec. Sci. 011 and 012 or equivalent by test, Sec. Sci. 330ab and 331, Accounting 323, Bus. Adm. 328.

Church Music: 18 sem. hrs., including First Year Theory, 8 sem. hrs.; Class Voice, 4 sem. hrs.; the Literature of Protestant Church Music, 2 sem. hrs.; Choral Conducting, 2 sem. hrs.; Preparatory Piano as required to play hymns and vocal accompaniments of medium difficulty.

Speech-Drama: 18 sem. hrs., including Sp-Dr. 324ab, 327.

Physical Education: 18 sem. hrs., including P. E. 311ab, 332, 336.

Sociology: 18 sem. hrs., including Soc. 321, 322, 330.

Philosophy: 18 sem. hrs., including Phil. 323, 334ab, 339.

Psychology: 18 sem. hrs., including Psy. 321, 335, 337.

Economics: 18 sem. hrs., including Eco. 321ab, 336.

Minors in Art, English, and other departments are recommended according to need. Prospective religious journalists should take Journalism 323, 324, 331, 339.

For those who desire to prepare to teach Religion in public schools, it is recommended that one of the above combinations be followed, and that the student plan to continue until he receives a Master's Degree in Education.

DEPARTMENT OF SOCIOLOGY

Professor Austin L. Porterfield, Head of the Department

Instructors in the Evening College: Dr. Marion B. Richmond, Dr. Harold Williams, Dr. C. Knight Aldrich, Mrs. Esthlyr Harris, Mrs. Carol Ferguson.

Courses also listed in other Departments are taught by Professors W. J.

Hammond, John Lord, H. R. Mundhenke, and Thomas F. Richardson.

Requirements for a major include 24 hours in sociology. Requirements for the minor are 18 hours in any field except education, which is a tool subject. The exception is made because sociology does not at present constitute a teaching field in the high schools of Texas.

LOWER DIVISION CLASSES

312ab. DEVELOPMENT OF CIVILIZATION: SOCIAL SCIENCE 6 semester hours.
For hours see Department of History.

321. INTRODUCTORY SOCIOLOGY 3 semester hours.
T. T. S. 10:00. Winter. Mr. Porterfield.
M. W. F. 10:00. Spring. Mr. Porterfield.
Open to sophomores and juniors.

A study of persons and groups, interacting in time and space under the influence of physical, biological, psychological, and cultural factors. The application of the fundamental sociological concepts to problems of human behavior.

322. SOCIAL AND PERSONAL ADJUSTMENT 3 semester hours.
T. T. S. 10:00. Spring. Mr. Porterfield.

Prerequisite: Sociology 321 or its equivalent.

Attention will be given to problems of social and personal adjustment in all the relations of life: family, property, community, industry, race, class, caste, nation, and the community of nations; a study of abnormal personality, delinquency, crime, poverty, war, class, and industrial conflict; personal and social organization and disorganization viewed as processes.

UPPER DIVISION COURSES

330. MARRIAGE AND THE FAMILY 3 semester hours.
M. W. F. 9:00. Spring. Mr. Porterfield.
Prerequisite: Six hours in sociology and/or psychology or senior standing for those who have had neither.
 The social psychology of courtship, marriage, and family relations; the social significance of the family; its origin and development; the family in transition; its organization and disorganization; roads to adjustment.
331. CRIMINOLOGY 3 semester hours.
M. W. F. 10:00. Winter. Mr. Porterfield.
Prerequisite: Six hours of sociology, its equivalent, or senior standing as a candidate for a degree in Texas Christian University.
 This course considers the nature of criminal personality and the factors in its making, treatment, and prevention.
332. MAN AND CULTURE 3 semester hours.
Not offered in 1944-1945. Staff.
333. PLANNING FOR PROGRESS 3 semester hours.
Not offered in 1944-1945. Staff.
334. THE AMERICAN INDIANS 3 semester hours.
(See the Department of History for course description and hours.) Mr. Hammond.
335. SOCIAL PSYCHOLOGY 3 semester hours.
(See the Department of Psychology for course description and hours.) Mr. Richardson
336. LABOR PROBLEMS 3 semester hours.
(See the Department of Economics for course description and hours.) Mr. Mundhenke.
337. INTRODUCTION TO SOCIAL WORK 3 semester hours.
(See the Division of Social Work below.) Staff.
338. GROUP LEADERSHIP 3 semester hours.
(See the Division of Social Work below.) Staff.
339. CHILD WELFARE 3 semester hours.
Summer, 1945. Mr. Porterfield.
Prerequisite: Six hours of sociology or 9 hours of sociology and psychology or education.
 The natural and the unique histories of the child as factors in the development of his personality; the causes, the treatment, and the prevention of special problems in child welfare; the organization of the community for the welfare of its children.
340. THE CHILD, THE CLINIC, AND THE COURT 3 semester hours.
(See the Division of Social Work below.) Mrs. Harris and Mrs. Ferguson.
342. URBAN SOCIOLOGY 3 semester hours.
9:00 Daily. Fall. Mr. Porterfield.
Prerequisite: Twelve hours of sociology or its equivalent.
 An examination of urban community organization and development; ecological studies of cities by areas; the impact of the community on its institutions and the persons living in it; special problems.

343. INTRODUCTION TO SOCIAL RESEARCH 3 semester hours.
M. W. F. 11:00. Winter Mr. Porterfield.
Prerequisite: Senior standing as a major or a minor in sociology, government, economics, history, or philosophy.
 An examination of the creative factors in the development of science in general and of the various fields of science; special emphasis upon problems and methods of research in the social sciences.
344. PUBLIC HEALTH 3 semester hours.
(See the Division of Social Work below.) Dr. Williams.
345. WAR, PERSONALITY, AND SOCIETY 3 semester hours.
(See the Evening College Bulletin Dr. Aldrich.
for hours and course description.)
347. MENTAL HEALTH AND MODERN SOCIETY 3 semester hours.
(See the Division of Social Work below.) Dr. Richmond.
349. THE SOCIOLOGY OF CONFLICT 3 semester hours.
M. W. F. 9:00. Winter. Mr. Porterfield.
Prerequisite: Six hours of sociology or senior standing as a candidate for a degree in Texas Christian University as a major in government, economics, history, or philosophy and psychology.
 A study of the philosophies, factors, and consequences of conflict between factions, races, nations, and classes; proposed ways of adjustment.
350. SOCIOLOGY OF RELIGION 3 semester hours.
Summer, 1944-1945. Mr. Porterfield.
Open to seniors and graduates who are majors in the Seminary or in any of the social sciences, as outlined above.
 The biological, sociopsychological, and cultural foundations of religion; the prophet in his culture; principles of religious development; the social functions of religion; the implications of religion for social progress; the social implications of modern missions.
352. HISTORY OF SOCIAL PHILOSOPHY 3 semester hours.
T. T. S. 8:00. Spring. Mr. Porterfield.
Prerequisite: Twelve hours in sociology or senior or graduate standing as a major or minor in the Seminary or any of the social sciences as outlined above.
 A study of the social theories of outstanding men in their respective cultures from the Greeks to Lester F. Ward and William Graham Sumner.
353. ADVANCED PRINCIPLES OF SOCIOLOGY 3 semester hours.
Arranged, Spring, or M. 7-9:30 P. M. Mr. Porterfield.
Prerequisite: Senior or graduate standing as a major or a minor in sociology.
 An examination of various schools of sociology from the days of Ward and Sumner to the present; critical evaluations; suggestions about needed researches.
354. EDUCATIONAL SOCIOLOGY 3 semester hours.
Not offered in 1944-1945. Staff.

355. THE SOCIOLOGY OF COMMUNICATION 3 semester hours.
Spring, 1944; Summer, 1945. Mr. Porterfield.
 The place of communication in the development of civilization and culture; the social implications of semantics; the media of expression of concepts and emotions; propaganda, news analysis, advertising, political campaigns, and communication in religion and education.
660. THESIS 6 semester hours.
Staff.
161. RESEARCH IN SPECIAL SOCIOLOGICAL PROBLEMS 1 semester hour.
Arranged as needed. Staff.
262. RESEARCH IN SPECIAL SOCIOLOGICAL OR SOCIAL PROBLEMS 2 semester hours.
Arranged as needed. Staff.
363. RESEARCH IN SPECIAL SOCIOLOGICAL OR SOCIAL PROBLEMS 3 semester hours.
Arranged as needed. Staff.

DIVISION OF SOCIAL WORK

337. INTRODUCTION TO SOCIAL WORK 3 semester hours.
Monday 7-9:30 P. M. Winter. Mr. Porterfield.
 An invitation to the study of social work; its fields, motivations, and methods.
338. GROUP LEADERSHIP 3 semester hours.
Not offered in 1944-1945. Staff.
339. CHILD WELFARE 3 semester hours.
(See Upper Division courses) Mr. Porterfield.
340. THE CHILD, THE CLINIC, AND THE COURT 3 semester hours.
W. 7-9:30. Spring. Mrs. Harris and Mrs. Ferguson.
 A study of juvenile delinquency, its causes, treatment, and prevention, with special emphasis upon the work of the clinic and the court.
341. SOCIAL CASE WORK 3 semester hours.
(See Evening College Catalogue.) Staff.
344. PUBLIC HEALTH 3 semester hours.
(See Evening College Catalogue.) Dr. Williams.
345. WAR, PERSONALITY, AND SOCIETY 3 semester hours.
Th. 7-9:30. Spring, 1944-1945. Dr. Aldrich.
(See Evening College Catalogue.)
 The nature and the experience of the individual and the group as related to the causation of war; the impact of war on personality, family, and society; its significance for social work.
347. MENTAL HEALTH AND MODERN SOCIETY 3 semester hours.
Th. 7-9:30. Winter, 1943-1944; Fall, 1944. Dr. Richmond.
 Lectures, discussions, and clinical demonstrations illustrating character types, neuroses, and psychoses with stress on the developmental viewpoint. Social application of the principle elaborated. Emphasis will be placed upon free discussion and clinical demonstration rather than on formal lectures.

DEPARTMENT OF SPEECH-DRAMA

Professor Lew D. Fallis, Head of the Department

Instructor Mrs. Katherine Moore Norton

Requirements for a Major in Public Speaking:

Major—30 semester hours in speech, including 324, 334, 344. Course 355 may be substituted for 344 if the student is specializing in dramatic production or acting. Advanced Radio Technique, by permission, may be submitted for 344.

Minor—24 hours in English or 18 hours in one of the following departments: sociology, Bible, philosophy, physics, or 18 hours in another department by permission of the Head of the Department.

Recommended: English 335ab, 348ab, and Art 330ab.

315. PANTOMIMIC AND VOCAL TRAINING 3 semester hours.
M. T. W. T. F. 2:00. Lecture and four hours laboratory.
Winter. Mr. Fallis.
 Introductory course in acting designed to establish through exercises and problems the fundamental conditional responses for poise in the body and the fundamental conditional responses basic to the organization of the voice organism, for the production of free, open, flexible tone basic to modulations or vocal interpretation.
- 317a. HISTORY OF STAGE AND THEATRE 3 semester hours.
T. T. S. 11:00. Winter. Staff.
 Growth and development and interrelation of the theatre and the stage. For students who have not taken any drama or production work before entering the University. An introductory course to directing and play production.
- 317b. HISTORY OF STAGE AND THEATRE 3 semester hours.
T. T. S. 11:00. Spring. Staff.
 Continuation of 317a.
321. RADIO TECHNIQUE 3 semester hours.
T. T. S. 10:00. Winter. Mrs. Norton.
Prerequisite: Three hours in Speech with a "B" average, or permission of Speech Department.
 Fundamentals of radio broadcasting. Non-technical analysis of program types with particular attention to commercial and educational programs. Experience in planning and constructing and presenting original features; also training in announcing and speaking will be included.
322. RADIO READING AND DRAMATIC STUDIES 3 semester hours.
T. T. S. 10:00. Spring. Mrs. Norton.
Prerequisite: Radio Technique 321.
 Studies in the technique and practice of presenting readings, original sketches and adaptations of stories and plays on the radio.
323. PRACTICAL SPEAKING 3 semester hours.
M. W. F. 8:00. T. T. S. 11:00. Winter. Mrs. Norton.
 This course is for those who wish to master the elements of public speech for business and practical use in professional careers, or ordinary use in business. One period a week is devoted to drill. Open to Freshmen by permission of instructor.

- 324a. FUNDAMENTALS OF INTERPRETATION 3 semester hours.
M. W. F. 9:00 Winter. Mr. Fallis.
M. W. F. 10:00. Spring. Mr. Fallis.
 For majors and minors in speech. This course is designed to lay broadly and deeply the foundations for the most thorough training for artistic vocal interpretation for both stage and platform. The fundamental conditions basic to the establishment of easy, free, open tone with the qualities of agility and flexibility are mastered. Practice in the modulations of tone which reveal the processes of thinking and feeling enable students to get a new realization of the nature of thinking by which they make their artistic adjustment in social life. One period a week is devoted to making records and to drilling individuals in small groups.
- 324b. FUNDAMENTALS OF INTERPRETATION 3 semester hours.
M. W. F. 9:00. Spring. Mr. Fallis
 The second semester of fundamentals deals with phonetics. Words are broken into their elements, and these elemental sounds of good American and English speech are mastered. This course may be taken before 324a if desired. One day a week is devoted to practice in reading.
327. DRAMATIC PRODUCTION: Principles and Play 3 semester hours.
 Production
M. W. F. 12:00. Winter. Mrs. Norton.
328. DRAMATIC PRODUCTION 3 semester hours.
M. W. F. 12:00. Spring. Mrs. Norton.
 Continuation of 327.
 This course gives the student an opportunity to cast and direct plays.
333. ADVANCED PRACTICAL SPEAKING 3 semester hours.
M. W. F. 10:00. Spring. Mrs. Norton.
Prerequisite: Three hours in speech with a "B" average or permission of instructor. This course is not designed for speech majors, but to give more advanced work to the student who wishes further to develop his platform speaking. Special emphasis will be placed on book and play reviewing.
- 334a. ADVANCED VOCAL EXPRESSION 3 semester hours.
M. W. F. 8:00. Winter. Mr. Fallis.
Prerequisite: 324a with a "B" grade.
 Study of imagination and the principles of art as applied to vocal interpretation of literature. Course 334 is basic to platform art.
- 334b. ADVANCED VOCAL EXPRESSION 3 semester hours.
M. W. F. 8:00 Spring. Mr. Fallis.
 Continuation of 334a.
330. TEACHING OF PUBLIC SPEAKING 3 semester hours.
T. T. S. 10:00 Spring. Mr. Fallis.
Offered Summer-Fall, 1945.
- 340a. ADVANCED STAGE CRAFT AND PRODUCTION 3 semester hours.
M. W. F. 2:30. Winter. Staff.
Not offered in 1944-1945.
- 340b. ADVANCED STAGE CRAFT 3 semester hours.
M. W. F. 2:30 Spring. Staff.
Continuation of 339a. Not offered in 1944-1945.

- 344ab. PLATFORM ART 6 semester hours.
T. T. S. 8:00. *Session.* *Mr. Fallis.*
Offered in 1945-1946.
- The nature of platform art as differentiated from stage art. Study of the story as the elemental form of literature for the platform. All other forms of literature are studied from the point of view of the platform, including drama, impersonation.
- There are two class hours and one half-hour private lesson each week. Extra tuition: Those paying full literary tuition will pay \$25.00 per trimester extra for this course; those not carrying full literary tuition will pay \$50.00 per trimester extra for this course.
- 355ab. DRAMATIC THINKING, ADVANCED ACTING 6 semester hours.
T. T. S. 8:00. *Session.* *Mr. Fallis.*
- A number of plays from Shakespeare and modern authors are studied intensively so as to stimulate the imagination and creative thinking to find expression in the natural languages of action and tone in coördination with the symbolic language of words. Study of types and technique of acting will be included.
150. SPEECH WORKSHOP 1 semester hour.
Time to be arranged. *Mr. Fallis.*
- Experimentation in recording as a method of studying speech objectively. This course will be open only to seniors or upon permission from the instructor in speech.
326. DEBATING 3 semester hours.
Monday, 3:30-5:30. *Mr. Hammond.*
- Credit at the completion of two years active participation (beyond the freshman year).
- Practical debate will be under the supervision of Mr. Hammond, Coach of Debate and Sponsor of the Frog Forensic Fraternity. If sufficient interest is shown among the freshman students, those interested in debating will be grouped in a special section of English 311, with emphasis on argumentation.
- Note: Those desiring to take graduate work in Speech are advised to minor in sociology.*

SURVEYING

See Department of Mathematics.

BRITE COLLEGE OF THE BIBLE

FACULTY

MCGRUDER ELLIS SADLER, B. A., M. A., B. D., Ph. D., D. D.

President of the University and of Brite College of the Bible.

COLBY D. HALL, B. A., M. A., LL. D.

Dean and Professor of Church History.

L. D. ANDERSON, B. A., LL. D.

Adjunct Professor of Homiletics.

CLARENCE A. BURCH, B. A.

Adjunct Professor of Missions.

CECIL F. CHEVERTON, B. A., B. S. L., M. A., Ph. D.

Professor of Old Testament.

S. W. HUTTON, B. A., B. D.

Registrar and Professor of Worship Ministries.

D. RAY LINDLEY, B. A., B. D.

Associate Professor of Christian Ministries.

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

Professor Emeritus of Old Testament and Semitics.

WILLIAM V. ROOSA, B. A., M. A., Ph. D.

Professor of New Testament.

FRED WEST, B. A., B. D., Ph. D.

Associate Professor of Doctrine.

EDWARD MCSHANE WAITS, B. A., LL. D.

President Emeritus of the University, Adjunct Professor of Christian Ministries.

PATRICK HENRY, SR., D. D.

Student Counselor.

THE THEOLOGICAL SEMINARY

The Brite College of the Bible is a "theological seminary" and one of the constituent colleges of Texas Christian University. It has its own charter and Board of Trustees, and its own building on the campus of the University. The college was chartered and its building erected in 1914, made possible by the funding of Mr. and Mrs. L. C. Brite of Marfa, Texas.

It offers a three-year curriculum which requires a Bachelor's degree for entrance, and leads to the degree of Bachelor of Divinity. Its courses may be used by ministers' wives toward a Master of Arts degree granted by the University. Full information is provided in its separate catalogue, which will be sent, on request, by the Registrar of T. C. U.

Brite College of the Bible is a member of the American Association of Theological Schools and is accredited by it.

THE UNDERGRADUATE MINISTERIAL STUDENT

The prospective minister who has not yet received a Bachelor's degree should follow, in general, the "Pre-Ministerial" course suggested in Table XIII on page 40. The Chairman of the Department of Religion and the Dean of the Add-Ran College of Arts and Sciences will advise and counsel with him.

The student who comes to Texas Christian University to prepare for the ministry has some class in Religion each year, beginning with the Freshman year. He comes into personal association at once with the teachers of Religion and a well organized group of ministerial students, both upper and lower classmen. His program includes participation in the Brite College Chapel,

the B. C. B. Association, the Timothy Club, and the social life of the ministerial group. Thus his atmosphere is conducive to spiritual growth. He lives in the boys dormitory with all the boys of the University group, thus associating as a normal boy in a normal world.

SCHOLARSHIPS FOR MINISTERIAL STUDENTS

To qualify for a ministerial scholarship, the student must furnish from the proper official body of his church organization a statement endorsing him for the ministry. A limited number of scholarships is available for women who show good prospect of leadership and who have proper recommendations from the home church. In every case, the student will execute a note for the amount of scholarships used, payable only in case he does not follow out the ministry. Graduate students should consult the Brité College of the Bible for scholarship amounts granted, and undergraduate students should consult the list of scholarships in the general catalogue.

RATES FOR MINISTERIAL STUDENTS

Ministerial students who are certified by their churches and approved by the Dean of Brite College will be given the following discount on their expenses:

Those carrying 9 semester hours or more will receive enough scholarship to reduce their tuition:

If living in the dormitory, to \$25.00 per trimester.

If not living in the dormitory, to \$40.00 per trimester.

Students carrying less than 9 semester hours will receive scholarship for one half the tuition. The regular tuition rate is \$7.00 (seven dollars) per semester hour.

Wives of ministers are given the same rates and privileges as their husbands.

Married ministerial students are eligible to rent in the furnished apartments on Green Avenue at \$15.00 or \$17.00 a month. Other apartments, at a slightly higher rate are available also. Single students may live in a dormitory; the men in Goode Hall, the women in Foster Hall.

Each student is due to enter into the organizational life of the group, by attending the B. C. B., the Chapel, and such other meetings as fit his rank.

Preaching Appointments must all be made through the office of Mr. Patrick Henry, Student Counselor. The time when a student may begin preaching varies with maturity and experience but usually not before the senior year or at least the junior.

See pages 40-44 for details on all fees.

THE SCHOOL OF BUSINESS

ADMINISTRATION AND FULL TIME FACULTY

MCGRUDER ELLIS SADLER, B. A., M. A., B. D., Ph. D., D. D.

President of the University.

EDWARD MCSHANE WAITS, B. A., LL. D.

President Emeritus of the University.

ELLIS M. SOWELL, B. S., M. B. A., Ph. D.

Dean of the School of Business, Professor of Accounting.

HERBERT R. MUNDHENKE, B. A., M. A., Ph. D.

Professor of Economics.

J. R. MACEO, C. P. A.

Associate Professor of Business Administration.

*ALMA LOUISE BAILEY, B. A., M. A.

Instructor in Secretarial Science.

L. D. HILL

Instructor in Transportation in the Evening College.

MARIE MOSER GLICK

Instructor in Secretarial Science.

*CLIFTON OLIVER, JR., B. A., M. A.

Instructor in Economics.

ADMISSION

Admission requirements are the same as for the College of Arts and Sciences. Briefly they are: Graduation from an accredited secondary school with accredited units as follows: English 3, History 2, Mathematics 2, Science 1, and electives to make a total of 15.

CURRICULUM FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE FOR MAJORS IN ACCOUNTING, BUSINESS ADMINISTRATION, FINANCE, MANAGEMENT, AND SECRETARIAL SCIENCE

The work of the first two years is almost entirely prescribed. At the beginning of the third year the student selects a major and a minor and pursues a specialized course of study under the supervision of his major professor. Majors may be selected from the following fields: accounting, business administration, economics, finance, management, or secretarial science. Minors may be selected from any of these fields. The degree is conferred on the completion of 120 hours in accordance with the general University requirements for the bachelor's degree.

*On leave of absence, 1944-1945.

Following is the prescribed curriculum for the degree.

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|---|--------------|--------------|-------------------------------------|--------------|--------------|
| English 311ab | | 6 | English 324 | | 6 |
| Math. 312a or 315, Math. 312b or 320 | | 6 | Religion | | 3 |
| One science | | 6 | Govt. 328 | | 3 |
| Biol. 311ab | | | Psyc. 321 | | 3 |
| Geol. 318ab | | | Econ. 321ab | | 6 |
| Chem. 411ab. (8) | | | Acct. 322ab | | 6 |
| Physics 411ab. (8) | | | Bus. Ad. 328 | | 3 |
| Social Science 312ab | | 6 | Total | | 30 |
| Elective | | 6 | | | |
| Econ. 314 and 315 | } Suggested | | <i>Junior</i> | <i>s. h.</i> | |
| Pub. Sp. 323 | | | Bus. Ad. 339ab | | 6 |
| History 331 | } Acceptable | | Government 327 | | 3 |
| Another Science A Language | | | Management 336 | | 3 |
| | | | Advanced Religion | | 3 |
| | | | Majors, minors, and electives | | 15 |
| | | | Total | | 30 |
| | | | <i>Senior</i> | <i>s. h.</i> | |
| Total | | 30 | Majors, minors, and electives | | 30 |

A minimum of 48 semester hours must be taken from courses of instruction offered by the School of Business. At least 24 semester hours must be in the major field and at least 18 semester hours in the minor field. A minimum of 12 semester hours in economics is required of all students in the School of Business, regardless of the student's major and minor fields.

All students in the School of Business must demonstrate by test their ability to type 30 words per minute when they enroll in Business Administration 328, normally in the sophomore year. Failure to meet this test necessitates enrollment in Secretarial Science 011, 012 (typewriting), which must be carried until the student can prove by test ability to type 30 words per minute.

All students in the School of Business, except those majoring in Secretarial Science, are required to take Accounting 331a, in addition to Accounting 322ab. Accounting 331a should be taken in the junior year. All except Secretarial Science majors are also required to take Management 349, normally in the senior year.

Students selecting a major in Secretarial Science must take the following courses during the junior and senior years:

| | <i>s. h.</i> |
|---|--------------|
| Sec. Sci. 330ab | 6 |
| This requirement may be waived if the student demonstrates ability to meet the prerequisite of Sec. Sci. 332a, as stated in the course description. | |
| Sec. Sci. 332ab | 6 |
| Sec. Sci. 331 | 3 |

COMBINATION LAW AND BUSINESS ADMINISTRATION CURRICULUM

This curriculum provides an opportunity to complete the pre-law requirements and also the required courses for the B. S. degree in Commerce in three years. On completion of the required 93 s. h. of credit with a minimum of 93 s. h. of grade points, following the curriculum as outlined below, the student may enroll in law school. Then on the completion of the first year of law (considered as elective) in an accredited law school, the B. S. degree in Commerce is conferred by Texas Christian University. On completion of two more years of law, the accredited law school confers the LL. B. degree.

Students following the combination curriculum must obtain written official approval of his course of study from the Registrar on the completion of the required 93 s. h. and before leaving for law school.

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|--------------------------------------|--------------|------------------------|--------------|
| Biol. 411ab or Geol. 318ab..... | 6 | Accounting 322ab | 6 |
| Econ. 314, 315..... | 6 | Economics 321ab | 6 |
| English 311ab | 6 | English 324ab | 6 |
| Math. 312a or 315, Math. 312b or 320 | 6 | Govt. 328 | 3 |
| Elective from: | | History 332ab | 6 |
| History 331 | | Psyc. 321, 328..... | 6 |
| Pub. Sp. 323 | | | |
| Soc. Sci. 312ab..... | 6 | | |
| Total | 30 | Total | 33 |

| <i>Junior</i> | <i>s. h.</i> |
|------------------------|--------------|
| Acct. 331a | 3 |
| Religion 320, 330..... | 6 |
| B. A. 328..... | 3 |
| B. A. 332..... | 3 |
| Management 336 | 3 |
| Finance 338 | 3 |
| Management 349 | 3 |
| Econ. 334 | 3 |
| Govt. 327 | 3 |
| Total | 30 |

THE M. B. A. (Master of Business Administration) DEGREE

Following are the requirements for the M. B. A. degree:

1. A bachelor's degree from T. C. U. or from another institution of recognized standing, with a B average on undergraduate work.
2. Completion of a minimum of 40 semester hours in accounting, business administration, and economics, prior to the commencement of graduate study toward the M. B. A. degree.
3. Residence in the University for at least 32 weeks. No work taken *in absentia* or by correspondence.
4. A minimum of 30 semester hours, and whatever additional courses may be necessary to satisfy an undergraduate deficiency in the field of business.
5. No grade below B in any course will be accepted toward the degree.

6. Of the 30 semester hours, at least 18 must be of full graduate level, *i. e.*, in the 50's or 60's. No course below the 40's, will be acceptable, and courses in the 40's only with permission of the Director of the School of Business and completion of additional work as required by the instructor in such courses.
7. Of the 30 semester hours, 6 must be devoted to the writing of a research type of thesis, the subject to be approved by the major professor not later than two weeks following the student's acceptance to candidacy, and following in all other respects the requirements for the M. A. thesis.
8. Three-fifths of the student's work, including the thesis, must be taken in a major field, (business administration, accounting, finance, etc.), the balance chosen from the minor field.
9. The student must complete his work for the M. B. A. degree within a period of five years from the date of his first registration for graduate credit courses.

The following courses only will be accepted toward the M. B. A. degree:

ACCOUNTING

- 650. C. P. A. Review.
- 651. C. P. A. Review, second course.

BUSINESS ADMINISTRATION

- 346. Insurance.
- 351. Government Regulation of Business.
- 352. Seminar in Commerce.
- 660. Thesis Seminar.
- 361. Problems in Commerce, Industry and Finance.

FINANCE

- 345. Bank Administration and Bank Credit.

MANAGEMENT

- 343. Principles of Industrial Organization and Management.
- 348. Personnel Management.
- 349. Statistics.
- 360. Problems in Business Policies and Management.

ECONOMICS

- 344. International Trade and Related Problems.
- 345. Public Utilities.
- 347. Business Cycles and Forecasting.
- 349. Economic Problems of War and Post-War Readjustment.
- 351. History of Economic Thought.
- 352. Comparative Economic Systems.
- 660. Thesis Seminar.
- 361. Current Economic Problems.
- 362. Contemporary Economic Thought.

THE EVENING COLLEGE

A broad curriculum in business is offered by the Evening College, which is a distinct administrative unit of the University, yet closely identified with the School of Business. Evening College courses in business are announced below under "Courses of Instruction." For complete course descriptions and

schedules, the separate Evening College catalogue should be consulted. Evening College courses are on full residence credit basis and acceptable toward the several degrees. They include many specialized and practical courses, thus providing an opportunity for specialized preparation for the line of business the student intends to enter.

In addition to the courses leading to the B. S. in Commerce degree, the Evening College provides curricula leading to Certificates in Accounting, General Business, and Secretarial Science. These curricula cover two years of college work, which may be completed in approximately four years by attending class on a part-time basis. They include the essential business and related courses, and a limited choice of electives.

ENGINEERING, SCIENCE, AND MANAGEMENT WAR TRAINING

As part of the Engineering, Science, and Management War Training program of the United States Office of Education, the University offers courses in management. These courses are given in the evening and are open to employed persons possessing the proper background in education and training who are preparing for positions in war industries. This program includes such courses as the following: Office Management, Personnel Management, Industrial Cost Accounting, and Industrial Organization and Management.

CERTIFIED PUBLIC ACCOUNTANT CURRICULUM

The School of Business offers the complete course in both Day and Evening Divisions for students preparing for the State Board C. P. A. examinations. Preparation for the C. P. A. examinations may be accomplished by following the prescribed major in accounting.

CHARTERED LIFE UNDERWRITER CURRICULUM

Texas Christian University is one of the cooperating institutions designated by the American College of Life Underwriters to prepare students to sit for the C. L. U. examinations. The curriculum for business administration provides most of the courses covered by the curriculum of the American College of Life Underwriters. A major or minor in insurance may be arranged in addition to the other majors and minors provided by the School of Business.

EMPLOYMENT BUREAU AND BUSINESS CONTACTS

The School of Business maintains an Employment Bureau which has been highly successful in providing part time work for students, and full time employment with leading local and national concerns for graduates.

Every effort is made to maintain close and friendly relations with Fort Worth business interests. Frequent trips are made to the leading industrial and commercial enterprises, and Fort Worth business leaders give frequent lectures in the various classes.

T. C. U. CHAMBER OF COMMERCE

The T. C. U. Chamber of Commerce is the official student body organization of the School of Business. It seeks to do for T. C. U. what Chamber of Commerce organizations do for their communities. At the same time it acquaints the student with the activities of Junior and Senior Chambers of Commerce and provides preparation for future civic responsibility and usefulness.

The T. C. U. Chamber of Commerce is affiliated with the National Inter-collegiate Chamber of Commerce, thus giving its members the opportunity of

exchanging ideas with members of similar organizations in other universities. The T. C. U. Chamber is also endorsed by, and coöperates with, the Fort Worth Junior Chamber of Commerce and the Fort Worth Chamber of Commerce.

Among the activities of the T. C. U. Chamber of Commerce are the following: coöperation with the Employment Bureau in obtaining part-time work for students enrolled in the School of Business and full-time employment for graduates, supervision over all social activities of the School of Business, maintaining and extending contacts with Fort Worth business men and business organizations, and, in general, participation in all activities contributing to the improvement of T. C. U.

COLLEGIATE BUSINESS AND PROFESSIONAL WOMEN'S CLUB

In 1940, students in the Secretarial Science division organized the Collegiate Business and Professional Women's Club. Membership is open to women students majoring in the School of Business. The purpose of the organization is to provide a medium for the mutual exchange of ideas, to become familiar with the program and activities of the Business and Professional Women's Club and to prepare for future civic responsibility by an active program in the University and co-operation with the Fort Worth Business and Professional Women's Club.

COURSES OF INSTRUCTION

ACCOUNTING

- 322a. ACCOUNTING THEORY AND PRACTICE 3 semester hours.
T. T. S. 9:00. Winter. Mr. Maceo.
Offered in the Summer, 1944.
Required for all majors in the School of Business.
 An introduction to accounting theory and practice. This course, which does not require a knowledge of bookkeeping, includes instruction in how to keep a set of books, prepare statements of profit and loss and balance sheets, problems of partnerships, corporations, depreciation, etc.
- 322b. ACCOUNTING THEORY AND PRACTICE 3 semester hours.
M. W. F. 8:00. Winter. Mr. Maceo.
T. T. S. 9:00. Spring. Mr. Maceo.
 A continuation of 322a above.
323. SECRETARIAL ACCOUNTING 3 semester hours.
Offered in the Evening College only; see Evening College Catalogue.
 The application of the principles of bookkeeping and accounting to the work of the secretary. The course teaches the student how to handle a simple set of books, with some consideration given to the type of accounting systems found in the various offices and stores. The contents of the course is adapted to meet the needs of the members of the class.
- 331a. INTERMEDIATE ACCOUNTING 3 semester hours.
T. T. S. 8:00. Spring. Mr. Maceo.
Prerequisite: Accounting 322.
 A study of the advanced principles of accounting. The course covers a careful survey of working papers and corporation accounting, and a thorough consideration of specific asset, liability, and net worth accounts.

- 331b. ADVANCED ACCOUNTING 3 semester hours.
T. T. S. 8:00. Winter. Mr. Maceo.
Prerequisite: Accounting 331a.
 A continuation of Intermediate Accounting. The course covers an intensive study of partnership accounting, statement of affairs, foreign exchange, receiver's accounts, estates and trusts, budgeting, and municipal accounting.
336. FEDERAL TAX PROCEDURE 3 semester hours.
M. W. F. 9:00. Winter. Mr. Maceo.
Prerequisite: Accounting 322.
 A review of the latest revenue act, discussing the tax on individuals, corporations; deductions allowed; computation of taxes, rates, earned income, exempt income, etc. Principal emphasis is upon the income tax, with some consideration of estate, gift, social security, and other taxes.
- 338ab. OIL COMPANY ACCOUNTING 6 semester hours.
Offered in the Evening College only. See Evening College Catalogue.
 This course is designed to meet the needs of oil company employees. It will also be found very helpful for public accountants, especially of the junior classification. The course covers the accounting principles and practices employed in producing, refining, and marketing operations. Special attention is given to the various federal tax problems of oil company accounting.
342. INTER-COMPANY ACCOUNTING 3 semester hours.
Not offered in 1944-1945. Mr. Maceo.
Prerequisite: Accounting 331b.
 The accounting principles and practices employed in mergers, consolidations, and holding companies. This course is of special value to students preparing for the C. P. A. examinations.
343. COST ACCOUNTING PRINCIPLES 3 semester hours.
M. W. F. 8:00. Winter. Staff.
Prerequisite or concurrent: Accounting 331a.
 Classification of costs, process cost accounting, specific order costs, use of cost records, interest on investment, relative values, estimating cost systems, establishment of standard costs, and uniform methods.
344. AUDITING THEORY AND PRACTICE 3 semester hours.
Offered in the Summer, 1944. Staff.
M. W. F. 8:00. Spring.
Prerequisite or concurrent: Accounting 331b.
 Preliminary arrangements, general procedure, the original records, asset accounts, liability accounts, operating accounts, the report, types of audits. Students are given every opportunity to do practical work and install systems.
650. C. P. A. REVIEW 6 semester hours.
M. W. F. 7:00-9:00. Spring. Mr. Maceo.
Offered in the Evening College only. See Evening College Catalogue.
 A review course covering the various fields of accounting and business law; prepares the student for more intensive work in accounting principles and practice if he wishes to advance in professional accounting or commercial accounting.

651. C. P. A. REVIEW, SECOND COURSE 6 semester hours.
M. W. F. 7:00-9:00. Summer-Fall, 1944. Mr. Maceo.
Offered in the Evening College only. See Evening College Catalogue.
 A seminar course for students who intend to prepare for the C. P. A. examinations. The course is concluded in time for the Fall examinations. It consists mainly of solutions of advanced problems, with personal instruction in the principles of case analysis of each problem to determine the particular feature involved, and the application thereof to solution.

BUSINESS ADMINISTRATION

328. BUSINESS CORRESPONDENCE AND LETTER WRITING 3 semester hours.
M. W. F. 10:00. Winter. Mrs. Glick.
M. W. F. 10:00. Spring. Mrs. Glick.
Offered in Summer, 1944, in Evening College.
Required for all majors in the School of Business.
Prerequisite: English 311ab, and ability to type 30 words per minute. Those unable to meet the typing requirement must enroll in Secretarial Science 011, 012 (typewriting), and carry it until ability to type 30 words per minute can be demonstrated by test.
 Practice in the use of correct and forceful English in writing business letters and reports; special attention to sales letters, adjustments, collection letters, inquiries, orders, responses, follow-ups, introductions, applications, recommendation, and routine business.
331. REAL ESTATE PRINCIPLES 3 semester hours.
Not offered in 1944-1945. Mr. Maceo.
 An introduction to real estate principles and practices. The course includes activities of real estate brokers and operators, transfer of real property and real estate securities, essentials of real estate law, practices incidental to ownership and control of real property.
332. PRINCIPLES OF MARKETING 3 semester hours.
T. T. S. 10:00. Winter. Staff.
Prerequisite or concurrent: Economics 321.
 A survey of the field of marketing manufactured goods and agricultural products; the marketing functions, distribution of farm products, work of middle-men, assembly of raw materials, activities of the wholesale middle men in the market, direct selling, and the various forms of retailing are considered.
334. PRINCIPLES OF SALESMANSHIP 3 semester hours.
Offered in the Evening College only. See Evening College Catalogue.
 A general course covering methods of approach and demonstration, meeting objections, inducing decision, closing the sale, building a clientele; including personality, motives, desires, interest, argument; special emphasis on the sales talk and practical selling.
- 336a. PROPERTY INSURANCE 3 semester hours.
Not offered in 1944-1945. Mr. Maceo.
 A survey of fire and marine insurance. The course includes the policy contract, terms, and conditions; hazards, rates, and coinsurance; legal concepts; types of underwriters; agency and brokerage; adjustment of losses; regulation and taxation.

- 336b. CASUALTY INSURANCE 3 semester hours.
Not offered in 1944-1945.
 A survey of casualty insurance. The course includes a study of workmen's compensation, public liability, credit, accident and health, burglary and robbery, surety bonds, title insurance, fidelity bonds, plate glass, etc. Also covers rates, regulations, taxation, etc.
- 339a. BUSINESS LAW 3 semester hours.
M. W. F. 10:00. Winter. Mr. Maceo.
Required for all majors in the School of Business.
 A consideration of contracts, agency, partnerships, corporations, negotiable instruments, bankruptcy, sales, personal relations, bailments. Texas statutes affecting these subjects are studied.
- 339b. BUSINESS LAW 3 semester hours.
M. W. F. 10:00. Spring. Mr. Maceo.
 A continuation of 339a above.
337. ADVERTISING PRINCIPLES AND PRACTICES 3 semester hours.
Offered in the Evening College only. See Evening College catalogue.
 A general survey of all phases of advertising designed to provide: (1) a working knowledge for those planning to follow other vocations; and (2) a foundation for further detailed study for those planning to enter the advertising profession. Instruction by text, class discussion, and frequent written exercises affording practice of the principles learned.
341. ADVERTISING COPY 3 semester hours.
Offered in the Evening College only. See Evening College catalogue.
 Principally a laboratory course involving detailed study of the fundamentals of forceful copywriting. Elements of layout and mechanics are included. Special attention is given to local retail advertising problems. Instruction is by text, lecture, supervised practice in class, independent outside assignments, and group discussion of all work.
342. TEACHERS' COURSE IN COMMERCIAL SUBJECTS 3 semester hours.
M. W. F. 11:00. Spring. Mrs. Glick.
Prerequisite or concurrent: Education 341.
 This course covers the subject matter and methods of teaching commercial subjects in high school. It, with 6 semester hours of education and Psychology 321, satisfies the requirements for a "Special Certificate" to teach commercial subjects.
346. LIFE INSURANCE 3 semester hours.
Not offered in 1944-1945.
 A survey of life insurance principles and practices. The course presents personal, family, and business uses of life insurance; types of policies and annuities; regulation and supervision; organization and management of companies; legal phases.
351. GOVERNMENT REGULATION OF BUSINESS 3 semester hours.
Not offered in 1944-1945.
 A study of state and federal legislation affecting business. Selected cases will be studied with the view of determining the nature and extent of government regulation. Enrollment in this course is limited to seniors and graduates with the approval of the instructor.
352. SEMINAR IN COMMERCE 3 semester hours.
Hours by appointment. Winter and Spring.
 A seminar in commerce. Enrollment in this course is limited to seniors and graduates with the approval of the instructor.

660. THESIS SEMINAR 6 semester hours.
Students writing a thesis in the School of Business must do a research type thesis. Conferences must be held at least once each month with the professor directing the thesis.
361. PROBLEMS IN COMMERCE, INDUSTRY, AND FINANCE 3 semester hours.
T. T. S. 8:00. Spring. Staff.
Enrollment in this course is limited to seniors and graduate students. An examination of the important contemporary problems in commerce, industry, and finance by the case method, individual investigations, and reports.

ECONOMICS

All courses offered by the Department of Economics, excepting those offered in the freshman year, are acceptable to the School of Business for a major or minor in this field. The titles and descriptions of these courses are given under the Department of Economics of the Add-Ran College of Arts and Sciences.

FINANCE

330. PUBLIC FINANCE (Econ.) 3 semester hours.
Offered in Summer, 1944. Mr. Mundhenke.
Prerequisite: Economics 321.
A study of public expenditure, financial administration, taxation, and public debts (domestic and foreign), together with a consideration of the incidence of the various types of taxation and the critical analysis of the systems that exist in the country.
334. MONEY AND BANKING (Econ.) 3 semester hours.
M. W. F. 11:00. Winter. Mr. Mundhenke.
Prerequisite: Economics 321.
A general survey of the modern financial system, including the principles and history of money, monetary standards; the principles and function of banks and bank credit, commercial banks, investment banks, trust companies, the Federal Reserve System, and a brief study of the commercial banking system of other countries. The relation of business man and banker is considered.
337. INVESTMENTS (Bus. Ad.) 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Accounting 322 and Economics 321.
A course in the principles of investment, covering the following topics: the demand and supply of investment funds, classes of stocks and bonds, the element of risk, fluctuations in security prices, the financial page, investment policies, comparative analysis of different types of securities.
338. CORPORATION FINANCE (Bus. Ad.) 3 semester hours.
M. W. F. 11:00. Spring.
Offered in Summer-Fall, 1944.
Prerequisite: Accounting 322 and Economics 321.
Development of the corporate form of business; its advantages and disadvantages; legal position of the corporation; promotion; sources of capital; internal financial management; receivership and reorganization; stock classifications; rights of stockholders; trend in stock distribution.

340. ANALYSIS OF FINANCIAL STATEMENTS (Bus. Ad.) 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Accounting 322.
 An exhaustive analytical course in the interpretation of financial statements and their relation to the operation of businesses; operating trend percentages, and business diagnoses of specific business ailments.
345. BANK ADMINISTRATION AND BANK CREDIT (Bus. Ad.) 3 semester hours.
Not offered in 1944-1945.
Prerequisite: Economics 321.
 A study of the internal organization of a bank, credit ratios, function and operation of trust departments, relation of bank credit to price levels, accounting methods in banks, etc.
347. BUSINESS CYCLES AND FORECASTING (Econ.) 3 semester hours.
T. T. S. 10:00. Winter. Mr. Mundhenke.
Prerequisite: Economics 321.
 Elements in modern economic organization which generate alternation of prosperity and depression; historical sketch of crises and depression; measurements and forecasting of general conditions; possibility of controlling cyclical movements; proper adjustments of business management to the cycle.

MANAGEMENT

327. BUSINESS ORGANIZATION AND MANAGEMENT 3 semester hours.
M. W. F. 11:00. Winter. Staff.
Offered in Summer-Fall, 1944.
 A general introduction to the principles and problems of business organization and management; careful consideration of the policies and problems of management with reference to the various departments of a business enterprise.
331. OFFICE MANAGEMENT 3 semester hours.
Not offered in 1944-1945.
 This course includes study of problems of office organization and supervision, personnel relations in the office, departmental procedures, layout, equipment, manuals, forms, budgets, performance standards, and other office problems.
333. CREDITS AND COLLECTIONS 3 semester hours.
Not offered in 1944-1945.
Prerequisite or concurrent: Economics 321.
 A consideration of the place of credit in the marketing structure. The economic basis of credit extension, the relation of credit to selling, methods of collecting and using credit information, credit bureaus, the use of trade acceptances, commercial paper, and collection letters are investigated.
336. BUSINESS REPORTS 3 semester hours.
Offered in Summer, 1944.
Prerequisite: English 311 and junior standing.
 Required for all majors in the School of Business and open to students in other departments who are interested in writing professional reports. A course to train students in the technique of preparing formal business and professional reports. The course emphasizes mechanics and documentation as well as collection, analysis, and presentation of material. Material upon which reports are based will be taken from the major field of each student; that is, the majors in accounting will write reports based upon research in accounting; the student in statistics will write reports which embody statistics, etc.

343. PRINCIPLES OF INDUSTRIAL ORGANIZATION AND MANAGEMENT. 3 semester hours.
Not offered in 1944-1945.
 A survey of the forms of industrial organization and the principles of industrial management. The course includes: plant location, layout, equipment, planning and control, departmental organization, administration, etc.
344. PURCHASING AND STORES CONTROL 3 semester hours.
Not offered in 1944-1945.
 A survey of the theory and practice of purchasing and store keeping. The course includes: organization, functions and procedures of the purchasing department; also, buying, prices, legal aspects and restrictions, stores, store keeping, etc.
348. PERSONNEL MANAGEMENT 3 semester hours.
Not offered in 1944-1945.
 A general survey of the organization and functions of the personnel department; covering methods of selection and placement, health and safety, training and education of employees, job and labor analysis and research, rewards, administrative correlation, and joint relations.
349. STATISTICS 3 semester hours.
 T. T. S. 9:00. Winter. Staff.
 T. T. S. 9:00. Spring. Staff.
Offered in Summer-Fall, 1944, in Evening College.
Prerequisite: Mathematics 312 or equivalent and junior standing.
 An introduction to statistical methods, with their application to the problems of economics and business.
360. PROBLEMS IN BUSINESS POLICIES AND MANAGEMENT 3 semester hours.
Hours by appointment. Winter. Mr. Sowell.
 A graduate seminar in business policies and management. Students will pursue investigations of selected current problems by the case method and reports.

SECRETARIAL SCIENCE

011. TYPEWRITING No credit.
 Daily. 10:00. Winter. Mrs. Glick.
 Daily. 10:00. Spring. Mrs. Glick.
 Technique of machine operations with emphasis on speed, accuracy, rhythm, and continuity of movement. On its completion the student should be able to type a minimum of 30 words a minute. *Laboratory fee \$5 a trimester. A student paying tuition for 9 semester hours or more may add this course for an additional tuition fee of \$5 a trimester.*
012. TYPEWRITING No credit.
 T. T. 11:00. Winter. Mrs. Glick.
 T. T. 11:00. Spring. Mrs. Glick.
 Further practice for speed and accuracy; business letters; typing projects. On its completion the student should be able to type a minimum of 50 words a minute. *Laboratory fee \$5 a trimester. A student paying tuition for 9 semester hours or more may add this course for an additional tuition fee of \$5 a trimester.*

- 330a. BEGINNING SHORTHAND (Gregg Functional Method) 3 semester hours.
Daily 8:00. Winter. Mrs. Glick.
Prerequisite: Sec. Sci. 011-012 or equivalent.
 An intensive introductory course in the Functional Method, I and II, of Gregg Shorthand. The reading approach is followed. At the end of the trimester the student should be able to write a minimum of 60-80 words a minute. The course should usually not be taken before the junior year, but sophomores may take it on special permission. *Laboratory fee, \$3.00.*
- 330b. INTERMEDIATE SHORTHAND (Gregg Functional Method) 3 semester hours.
Daily 8:00. Spring. Mrs. Glick.
Prerequisite: Sec. Sci. 330a or its equivalent.
 A continuation of Secretarial Science 330a above. Functional Method Dictation. At the end of the trimester the student should be able to write a minimum of 80-100 words a minute. The course should usually not be taken before the junior year, but sophomores may take it on special permission. *Laboratory fee, \$3.00.*
- 332a. ADVANCED SHORTHAND 3 semester hours.
Daily 9:00. Winter. Mrs. Glick.
Daily. 9:00. Spring. Mrs. Glick.
Prerequisite: Sec. Sci. 330ab or its equivalent.
 A course in Gregg Shorthand with emphasis on dictation and transcription. A review of spelling, punctuation, hyphenation and vocabulary study is also included. At the end of the trimester the student should be able to write 100-120 words a minute and to pass the Stenographic Civil Service Examination at junior level. *Laboratory fee, \$3.00.*
- 332b. DICTATION AND TRANSCRIPTION 3 semester hours.
Not offered in 1944-1945.
 A course designed for advanced students in the secretarial field, with emphasis upon transcription. At the end of the trimester the student should be able to write 120-150 words a minute and to pass the Stenographic Civil Service Examination at senior level. *Laboratory fee, \$3.00.*
331. OFFICE METHODS AND PROCEDURE 3 semester hours.
M. W. F. 11:00. Winter. Mrs. Glick.
 In this course, one period a week is devoted to lecture and class discussion of office organization and of the duties and functions of the office worker. The class time remaining is devoted to supervised laboratory work on adding machines, calculators, bookkeeping machines, voice-writing machines, switchboard, duplicating machines, filing, and specialized typing projects. Trips are made to down-town offices to see organizations in operation. *Laboratory fee, \$5.00.*
332. TECHNICAL STENOGRAPHY 3 semester hours.
Offered in Evening College only. See Evening College catalogue.
Prerequisite: Sec. Sci. 332a or its equivalent.
 This course includes special training for executive secretaries in war industries and professions such as law, Latin and English forensic terms and reporting shortcuts, insurance, engineering, industrial chemistry, and metallurgy, and petroleum geophysics. The course content is adapted to the needs of the class.

THE SCHOOL OF EDUCATION

FACULTY

- MCGRUDER ELLIS SADLER, M. A., B. D., Ph. D., D. D.
President of the University.
- EDWARD MCSHANE WAITS, B. A., LL. D.
President Emeritus of the University.
- RAYMOND A. SMITH, M. A., B. D., LL. D.
Dean, and Professor of School Administration.
- *ARTHUR WITT BLAIR, B. S., M. A.
Associate Professor of Elementary Education.
- BURL A. CROUCH, B. A., M. A.
Associate Professor of Secondary Education.
- SANDY WALL, B. A., M. A., Ph. D. (pending).
- CORTELL K. HOLSAPPLE, B. A., M. A., Ph. D.
Professor of Philosophy.
- FRANKLIN G. JONES, M. A.
Emeritus Professor of Secondary Education.
- THOMAS SMITH McCORKLE, B. M., M. A., Ph. D. (Music Education)
Dean of the School of Fine Arts.
- HELEN WALKER MURPHY, B. Ed., M. A.
Assistant Professor of Physical Education.
- THOMAS PROUSE, B. S., M. A.
Assistant Professor of Physical Education.
- HAZEL TUCKER WOODWARD, M. A.
Assistant Professor of Psychology.
- LEO R. MEYER, B. A.
Football Coach, Instructor in Physical Education.
- *WILLIAM HOWARD GRUBBS, B. S., M. S.
Athletic Director, Instructor in Physical Education.
- *LESTER HUBERT BRUMBELow, B. A.
Line Coach, Instructor in Physical Education.
- *MACK CLARK, B. A.
Assistant Athletic Director, Instructor in Physical Education.
- *WALTER A. ROACH, B. A.
Instructor in Physical Education.
- MARY CHUTE, B. A., M. A.
Instructor in Primary Education, Summer Term.
- EVA WALL SINGLETON, B. A., M. A.
Instructor in Elementary Education, Summer Term.

About twelve professors in the College of Arts and Sciences offer courses in the methods of teaching their subjects in the secondary schools.

ADMISSION

Admission requirements are the same as for the College of Arts and Sciences. Briefly they are: Graduation from an accredited secondary school with accredited units: Eng. 3, Hist. 2, Math. 2, Sc. 1, and elective to make the total 15.

*On leave of absence in military service.

THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

General Requirements:

- Religion—6 s. h.
 English—12 s. h. (311 and 324).
 Soc. Sci.—6 s. h. (Usually Social Science 312).
 Psy. 321—3 s. h.
 Biology 311 or 312—6 s. h.
 Government 328—3 s. h.
 P. T.—Two years, taken in first two years.

(A student preparing to teach may elect to receive the B. A. degree by meeting the additional requirement in foreign language and selecting major and minor in academic fields, and adding educational courses as electives. Teachers preparing to teach science should consider the major in general science under the B. A. degree. See page 35.

Requirements for Majors and Minors on the B. S. in Education degree:

1. ELEMENTARY EDUCATION GROUP:

Major—Elementary Education, 24 semester hours; courses 320, 321, 322, 332, 335, 344, 345, and three hours to be selected on advice of major professor.

Minor—Combination of subjects suggested by the State Department of Education for Elementary School teachers, including English 12 hours; social studies 18 hours including American History 6 hours, Geography 3 hours; History of Texas 3 hours and Government 3 hours or equivalent in combined integration of social studies; Science 12 hours composed of Biology 6 hours (preferred), General Science for Elementary Teachers 6 hours; Health and Physical Education, Safety, and Recreation 6 hours; Children's Literature 3 hours; Public School Art 6 hours; Public School Music 6 hours.

2. SECONDARY EDUCATION GROUP:

Major—Secondary education, 24 semester hours. Selecting courses 320, 321, 323, 334, 335, 338, 341, 342 and three semester hours to be selected from other courses offered. Selection of three semester hours in teaching special subject should be made with advice of staff. Substitution may be made on advice of major professor.

Minor—24 semester hours in the subject which the student expects to teach in high school.

3. EDUCATIONAL ADMINISTRATION GROUP:

Major—Educational Administration, 24 semester hours, selected courses. 321, 332, 335, 351, and 341 and 342, or 344 and 345.

Minor—Psychology, 18 semester hours, or social science, 18 semester hours. (If a substitute is chosen, it must be on the advice of major professor.)

4. PHYSICAL EDUCATION GROUP:

Major—Physical Education, 24 semester hours.

Minor—18 hours commerce, foreign language, history, or mathematics, or 24 hours of English.

Biology 311 or 312 required for all majors in education.

An *Employment Service*, under the Director, aids in securing positions for present or former students. To cover a portion of the cost, a fee of \$2.00 is charged for registration.

Teachers Certificates are issued by the State Department of Education on work done in T. C. U. Students planning for Certificates should follow the advice of the Director in each case. The following is a condensed statement of the Certificates most used.

For Two Years of College Work (60 semester hours) including 12 semester hours in education, six in English and government 328, there will be issued: (1) a first class elementary certificate valid for six years, or (2) a first class high school certificate valid for four years, provided one course bears on high school teaching.

For Three Years of College Work (90 semester hours) including 18 semester hours in education, 12 of which are in field of secondary education, six of which must be Education 341 and 342, there will be issued a first class high school certificate valid for six years.

For Four Years of College Work, i. e., graduation, including 24 semester hours in education (selected on advice of department) may be issued a *permanent* high school certificate. For the degree, with twelve semester hours in education, six of which must be in the secondary field, and three years of successful teaching a *permanent* certificate may be had. A permanent elementary certificate may be had by adding five years' experience to the six-year elementary certificate; and each additional year of college work will substitute for a year's experience. *Further details may be had on application.*

Elementary education majors who desire the permanent high school certificate are required to obtain *eight* semester hours in *secondary education* including *two* semester hours in *practice teaching*. Practice teaching should be done in the elementary school. Elect 341, and two other secondary education courses.

The State Superintendent of Schools has ruled that a minimum of twelve (12) semester hours in elementary education is required to teach in the elementary school.

Special Certificates to teach the special subjects of home economics, commercial subjects, public school art, public speaking (expression), physical training, public school music, or foreign languages, will be granted by the State Department of Education to the student who has met the college entrance requirements, and has completed the subjects required by law. A three years' *special* certificate, good to teach in any public school in Texas, requires 60 semester hours, which must include 6 in English, 6 in education, 6 in the special subject, and 2 in methods of teaching the special subject, and 6 in American government. A four-year *special* certificate requires 90 semester hours, including 18 in the special subject, 6 in English, and 6 in education, and Government 328, or any other six semester hours in American Government.

COURSES IN ELEMENTARY EDUCATION

320. INTRODUCTION TO THE STUDY OF EDUCATION 3 semester hours.
M. W. F. 8:00. Winter and Spring. Mr. Wall.
 A survey course dealing with the growth and purposes of education in American Democracy. An introduction to the problems and potentialities of the field as a career. The purpose of the course is to develop an understanding of organized education as a social institution.

322. CHILD PSYCHOLOGY 3 semester hours.
T. T. S. 8:00. Spring. Mr. Crouch.
Prerequisite or concurrent: Education 321.
 A study of the physical, mental, emotional, and social growth of the child with emphasis upon the integration of these factors into desirable personalities.
332. ELEMENTARY SCHOOL CURRICULUM 3 semester hours.
T. T. S. 9:00. Winter. Mr. Wall.
Prerequisite: Education 321.
 A study of the modern elementary school curriculum including: underlying principles, objectives, organization, materials, learning activities, and evaluation. An analysis of outstanding recent courses of study will be included.
335. THEORY OF EDUCATIONAL MEASUREMENTS IN THE 3 semester hours.
 ELEMENTARY AND HIGH SCHOOLS
M. W. F. 10:00. Winter. Mr. Smith and Mr. Wall.
Prerequisite: Junior standing.
338. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL 3 semester hours.
Offered in summer. Mrs. Singleton.
 A study of the social environment and social experiences of the elementary school child and how they should be directed. Historical and geographical concepts are learned as they affect human relationships.
- 339ab. GENERAL SCIENCE FOR TEACHERS 6 semester hours.
Not Offered in 1944-1945. Mr. Hewatt.
For juniors and seniors.
 A general background course for teachers of elementary grades. This course follows, in a broad way, the forty-two units in general science as now prescribed for the first six grades in the Fort Worth Public Schools. Lectures, demonstrations and field trips.
343. PRIMARY METHODS AND MATERIALS 3 semester hours.
Offered in Summer Term.
 A study of the pupils, learning activities, and instructional materials used in the kindergarten, first, second, and third grades of modern elementary schools. Students will learn how to organize their work in integrated units.
344. DIRECTING LEARNING IN THE ELEMENTARY SCHOOL 3 semester hours.
M. W. F. 10:00. Winter. Mr. Crouch.
 This course includes a study of the principles of teaching employed in stimulating and directing learning experiences at the elementary school level. Group observations of children at the various levels will be made.
345. DIRECTING TEACHING IN THE ELEMENTARY SCHOOL 3 semester hours.
T. T. S. 10:00. Winter and Spring. Mr. Crouch.
 A course designed to give the student opportunity to participate in the teaching of elementary school children. At least thirty-six hours of actual teaching is required.
347. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL 3 semester hours.
Offered in summer. Miss Chute.
 A study of the changing concept of the language arts and how to direct the language experiences of the elementary school child. Emphasis is placed upon the expression of ideas and thoughts in the informal living situation of the modern school.

348. INDUSTRIAL ARTS 3 semester hours.
Offered in summer. Miss Chute.
349. LITERATURE FOR CHILDREN 3 semester hours.
Offered in summer. Miss Chute.
350. SUPERVISION OF INSTRUCTION 3 semester hours.
Mr. Smith.
For seniors and graduates. Offered on alternate years with 358.
This course is primarily concerned with the problems of democratic leadership in education. An analysis is made of the activities of the supervisor in the study and environment of pupils, teachers, curriculums, materials of instruction, and the socio-physical environment.
- 351a. ELEMENTARY SCHOOL ADMINISTRATION 3 semester hours.
Evening College. Offered on alternate years with 355a.
For seniors and graduates. Prerequisite: Education 321 and 320.
A study of the practical problems of organization and administration of the elementary school as encountered by elementary school principals, supervisors and superintendents. Particular attention is directed to the work of the elementary school principal—his duties, powers, responsibilities, and his professional relationship to teachers, supervisors, and superintendent.
- 352a. READING IN THE MODERN ELEMENTARY SCHOOL 3 semester hours.
Offered on alternate years with 361a.
A comprehensive study of the fundamental problems and principles of reading instruction in grades one through six. The implications of research and the experience curriculum for the development of an adequate reading program will be stressed.
- 352b. ARITHMETIC IN THE MODERN ELEMENTARY SCHOOL 3 semester hours.
Offered on alternate years with 361b.
A study of the fundamental problems and principles of arithmetic instruction in grades one through six. The implications of research and the experience curriculum for the development of an adequate arithmetic program will be stressed.
- 355a. CURRICULUM CONSTRUCTION IN THE ELEMENTARY SCHOOL 3 semester hours.
Evening College.
A study of present trends in organization, production, and installation of courses of study. Critical analysis of recent outstanding courses of study will be pursued. Students will participate in those activities needed for curriculum revision.
- 357a. MEASUREMENT AND EVALUATION IN ELEMENTARY EDUCATION 3 semester hours.
For seniors and graduates. Prerequisite: Education 321.
A study of the underlying theory, construction, administration, and instructional uses of educational tests and measurements for elementary schools from the viewpoint of the classroom teacher, supervisor, principal, and superintendent. Newer aspects of evaluation are stressed.

358. CURRICULUM ORIENTATION 3 semester hours.
Evening College, Mon., 7:00-9:30. Spring Mr. Wall.
 A study of the background of the curriculum of the public schools including: the effect of the scientific movement, the effect of democratic philosophy, social changes, the curriculum leaders, the broad principles of curriculum evolution, and the general technique of revision.
- 361ab. PRINCIPLES AND PROBLEMS OF ELEMENTARY SCHOOL INSTRUCTION 6 semester hours.
Offered on alternate years with 352ab.
 The first half of the course is designed to develop an understanding of the background of modern teaching principles through the study of source materials. The second half is a study of the special teaching problems of the emerging types of elementary schools.

SPECIAL COURSES IN ELEMENTARY EDUCATION

- ART 311ab. PUBLIC SCHOOL ART 6 semester hours.
(See Department of Art) Mr. Ziegler.
- MUSIC 339ab. PUBLIC SCHOOL MUSIC 6 semester hours.
(See School of Fine Arts) Mr. McCorkle.
- ART 333. PUBLIC SCHOOL ART 3 semester hours.
(See Department of Art) Mr. Ziegler.

COURSES IN SECONDARY EDUCATION

320. INTRODUCTION TO THE STUDY OF EDUCATION 3 semester hours.
M. W. F. 8:00. Winter and Spring. Mr. Wall.
 A survey course dealing with the growth and purpose of education in American Democracy. An introduction to the problems and potentialities of the field as a career. The purpose of the course is to develop an understanding of organized education as a social institution.
321. PSYCHOLOGY AND EDUCATION 3 semester hours.
Winter. Spring.
M. W. F. 8:00. M. W. F. 8:00. Mrs. Woodward.
T. T. S. 11:00. M. W. F. 10:00
M. W. F. 10:00.
Prerequisite for all courses in education.
323. JUNIOR HIGH SCHOOL PROCEDURE 3 semester hours.
M. W. F. 8:00. Spring. Mr. Wall.
 A methods course for Junior High School teachers.
334. PRINCIPLES OF SECONDARY EDUCATION 3 semester hours.
M. W. F. 9:00. Winter. Mr. Crouch.
Prerequisite: Junior standing.
 A study of the aims, functions, and social significance of the high school with a critical evaluation of its curriculum.
335. THEORY OF EDUCATIONAL MEASUREMENTS IN THE ELEMENTARY AND HIGH SCHOOLS 3 semester hours.
M. W. F. 10:00. Winter. Mr. Smith and Mr. Wall.
Prerequisite: Junior standing.
336. THE PSYCHOLOGY OF THE HIGH SCHOOL PUPIL 3 semester hours.
M. W. F. 9:00. Spring. Mr. Crouch.
Prerequisite: Junior standing

341. HIGH SCHOOL METHOD 3 semester hours.
T. T. S. 10:00. Winter and Spring. Mr. Wall.
342. OBSERVATION AND PRACTICE TEACHING IN H. S. 3 semester hours.
T. T. S. 10:00. Winter and Spring. Mr. Crouch.
Seniors and juniors in the last half of the junior year, provided they have completed one year in high school education including 341. 341 and 342 are required for the six-year and permanent High School Certificates.
350. SUPERVISION OF INSTRUCTION 3 semester hours.
Mr. Smith.
For Seniors and Graduates. Offered on alternate years with 358.
 This course is primarily concerned with the problems of democratic leadership in education. An analysis is made of the activities of the supervisor in the study and improvement of pupils, teachers, curriculum, materials of instruction and the socio-physical environment.
- 351b. EDUCATIONAL ADMINISTRATION (HIGH SCHOOL) 3 semester hours.
Evening College. Th. 7-9:30. Winter. Mr. Smith.
Offered on alternate years with 357b.
- 355b. CURRICULUM CONSTRUCTION IN HIGH SCHOOL 3 semester hours.
Evening College. Th. 7-9:30. Spring. Mr. Smith.
Offered on alternate years with 359.
- 357b. MEASUREMENT IN HIGH SCHOOL 3 semester hours.
Evening College. Mr. Smith.
359. EDUCATIONAL AND VOCATIONAL GUIDANCE IN HIGH SCHOOLS 3 semester hours.
Evening College. Winter. Mr. Wall.
363. SEMINAR IN SECONDARY EDUCATION 3 semester hours.
Offered in summer, 1944. Mr. Smith.
- 365ab. THE JUNIOR COLLEGE, ITS DEVELOPMENT AND METHOD 6 semester hours.
By special arrangement. Mr. Smith.
- 366ab. SEMINAR IN EDUCATIONAL PROBLEMS 6 semester hours.
Evening College. W. 7-9:30. Session. Mr. Smith.

SPECIAL COURSES IN SECONDARY EDUCATION

- Biol. 041. TEACHING BIOLOGY IN HIGH SCHOOL 3 semester hours.
Mr. Hewatt.
- Bus. Ad. 342. TEACHING COMMERCIAL SUBJECTS 3 semester hours.
Mrs. Glick.
- Chem. 342. THE TEACHING OF CHEMISTRY 3 semester hours.
Mr. Hogan.
- Eng. 346. THE TEACHING OF ENGLISH 3 semester hours.
Miss Major.
- Hist. 340. THE TEACHING OF HISTORY 3 semester hours.
Mr. Hammond.
- H. E. 338. THE TEACHING OF HOME ECONOMICS 3 semester hours.
Miss Enlow.
- Math. 330. THE TEACHING OF MATHEMATICS 3 semester hours.
Miss Bramblett.
- Span. 334. THE TEACHING OF MODERN LANGUAGE 3 semester hours.
Miss Carter.
- Soc. Sc. 343. THE TEACHING OF SOCIAL SCIENCE IN SECONDARY SCHOOLS 3 semester hours.

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| Phys. 340. THE TEACHING OF PHYSICS | 3 semester hours. <i>Mr. Gaines.</i> |
| Speech-D. 330. THE TEACHING OF PUBLIC SPEAKING | 3 semester hours. <i>Mr. Fallis.</i> |
| Mus. Ed. 348, 349. THE TEACHING OF PUBLIC SCHOOL MUSIC | 6 semester hours. <i>Mr. McCorkle.</i> |
| Art 331. PUBLIC SCHOOL ART | 3 semester hours. <i>Mr. Ziegler.</i> |

Note: See departments for time schedule.

GENERAL COURSES IN EDUCATION

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| 321. PSYCHOLOGY AND EDUCATION <i>Winter. Spring.</i> <i>M. W. F. 8:00. M. W. F. 8:00.</i> <i>T. T. S. 11:00. M. W. F. 9:00.</i> <i>M. W. F. 10:00.</i> <i>Prerequisite for all courses in education.</i> | 3 semester hours. <i>Mrs. Woodward.</i> |
| 333. HISTORY AND PRINCIPLES OF EDUCATION <i>M. W. F. 10:00. Spring.</i> | 3 semester hours. <i>Mr. Wall.</i> |
| A survey of the development of educational thought and practices with a view to better understanding and appreciation of the present-day problems in education. The course is designed to give an adequate insight into classroom practices as evolved from the comparatively simple system of the past to the complex systems of today. Educational development in modern times will be emphasized. | |
| Psy. 337. MENTAL HYGIENE (THE PSYCHOLOGY OF ADJUSTMENT) <i>T. T. S. 9:00. Spring.</i> <i>Offered in 1944-1945 and alternate years.</i> | 3 semester hours. <i>Mrs. Woodward</i> |
| Psy. 343. TECHNIQUE OF MENTAL TESTING <i>T. T. S. 11:00. Spring.</i> | 3 semester hours. <i>Mr. Richardson.</i> |
| 356ab. ADVANCED EDUCATIONAL PSYCHOLOGY <i>Monday, 7-9:30 P. M. Session.</i> <i>Prerequisite: Biology 311, Psychology 321 and two years of education.</i> <i>For seniors and graduates.</i> | 6 semester hours. <i>Mr. Smith.</i> |
| 353. GENERAL SCHOOL ADMINISTRATION <i>Offered in summer, 1944.</i> | 3 semester hours. <i>Mr. Smith.</i> |
| Phil. 354. PHILOSOPHY OF EDUCATION <i>Offered in summer, 1944.</i> | 3 semester hours. <i>Mr. Holsapple.</i> |
| Soc. 354. EDUCATIONAL SOCIOLOGY | 3 semester hours. |
| Soc. Sci. 357. (SOCIOLOGY-GOVERNMENT) INTERRELATION OF THE SOCIAL SCIENCES | 3 semester hours. <i>Mr. Lord.</i> |
| 360ab. THESIS SEMINAR | 6 semester hours. <i>Mr. Smith.</i> |
| 362ab. SURVEY OF EDUCATIONAL METHODS | 6 semester hours. |
| 364. SEMINAR IN EDUCATIONAL ADMINISTRATION <i>Offered in summer, 1944.</i> | 3 semester hours. <i>Mr. Smith.</i> |

COURSES IN PHYSICAL EDUCATION

The courses in physical education required of all freshmen and sophomores will be found in the department of physical education in the section of College of Arts and Sciences.

Certificate requirements for teaching physical education:

Courses are for both men and women unless otherwise indicated.

All who teach physical education or coach full time must have 24 semester hours college credit in physical and health education. Those who teach part time must have 18 semester hours in physical and health education.

A total of 24 should be distributed:

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| Activity and technique (332, 336, 337, 340, 341, 347, 349).... | 12 |
| Major sports (335ab.) | 6 |
| Health Education..... | 3 |
| Principles and Administration..... | 3 |

For effective teaching one should have six semester hours in health education and six semester hours in principles and administration.

Grade teachers who have charge of a physical training hour, without a supervisor, must have six semester hours in physical education.

- 311a. PHYSICAL EDUCATION THEORY AND ACTIVITY 3 semester hours.
M. W. F. 9:00. Winter. Staff.
Laboratory hours to be arranged.
 An introductory course in physical education designed to fulfill the state requirement for all teachers and for physical education majors. Three hours will be lecture and three hours will be laboratory.
- 311b. FRESHMAN HYGIENE AND FIRST AID 3 semester hours.
M. W. F. 9:00. Spring. Staff.
Laboratory hours to be arranged.
- 322a. ANATOMY AND PHYSIOLOGY (Biology 322a) 3 semester hours.
T. T. S. 9:00. Spring. Mr. Scott.
Prerequisite: Biology 311ab.
- 322b. PERSONAL HYGIENE (Biology 322b) 3 semester hours.
T. T. S. 9:00. Winter. Mr. Scott.
Prerequisite: Biology 322a.
332. ORGANIZATION AND ADMINISTRATION OF PUBLIC RECREATION 3 semester hours.
M. W. F. 9:00. Spring. Mrs. Murphy.
 The function of public recreation, organization of playgrounds and recreation centers, organization of adult recreation, pageants, festivals and community recreation.
- 335ab. METHODS IN ATHLETIC TEAM COACHING 6 semester hours.
M. W. F. 9:00. (Men) Session. Mr. McQuillan.
Prerequisite: Physical education 311 and junior standing.
 Methods of coaching competitive teams in major sports, covering detail of individual fundamentals, offensive and defensive team play, strategy and conditioning of athletes. Basket ball, football and track. Three hours a week will be laboratory.

336. SUPERVISION OF PLAY—GAMES 3 semester hours.
M. W. F. 10:00. Winter. Mr. Prouse.
Prerequisite: Physical education 311 and junior standing.
 Psychology of play. Organization, construction, equipment, and supervision of playgrounds. Organizing the play program. Games and mass athletics.
337. GYMNASTICS—THEORY AND PRACTICE 3 semester hours.
M. W. F. 10:00 (Men). Spring. Mr. Prouse.
Prerequisite: Physical education 311 and junior standing.
 Elementary marching tactics, calisthenics, apparatus, tumbling, gymnastic nomenclature. Arranging the high school program.
338. CORRECTIVE PHYSICAL EDUCATION 3 semester hours.
Offered in summer. Mr. Prouse.
340. METHODS IN PHYSICAL EDUCATION 3 semester hours.
M. W. F. 1:00. (Women) Winter. Mrs. Murphy.
Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.
 This course will cover the field of such problems as programs, supervision and general organization. Special attention to be given the five phases; games, folk dancing, rhythm, athletics, high school Victory Corps, and fundamentals.
 This counts as a methods course to teach physical education in the public schools.
341. METHODS IN PHYSICAL EDUCATION SPORTS (Women) 3 semester hours.
M. W. F. 1:00. Spring. Mrs. Murphy.
Prerequisites: Two years of physical education, not more than one of which shall be in sports, and junior standing.
 This course will consider junior and senior high school methods, as well as college Victory Corps. This counts as a methods course towards a certificate to teach physical education in the public schools.
342. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION 3 semester hours.
T. T. S. 11:00. Winter. Mr. Prouse.
Prerequisite: Six semester hours of physical education.
 Administrative problems in the high school, department personnel, classification and organization of activities, management of meets and contests, interscholastic and intramural athletics and construction and care of the physical education plant.
343. METHODS IN HEALTH EDUCATION 3 semester hours.
Offered in summer. Mrs. Murphy.
344. PRINCIPLES OF HEALTH EDUCATION 3 semester hours.
T. T. S. 11:00. Spring. Mr. Prouse.
Prerequisite: Six semester hours of physical education.
 The field of health education, principles governing health, methods and materials for teaching health and administration of the health program. A consideration of school health problems and special health topics.
346. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION 3 semester hours.
Winter. Mrs. Murphy.
 Historical survey. A study of the aims, objectives, and general scope of physical education, its relation to general education. Evaluation of various activities. Present trends and future problems in physical education.

- 347b. PAGEANTRY AND FESTIVALS 3 semester hours.
Spring. Mrs. Murphy.
 Theory and practice in directing pageants, festivals and dance programs; stage designing and color effects, costuming, stage lighting and group dancing.
- 347a. METHODS IN PHYSICAL EDUCATION (Men) 3 semester hours.
T. T. S. 10:00. Spring. Mr. Prouse.
 General methods in teaching physical skills and special methods in the teaching of boxing, swimming, handball, tennis and other minor sports.
349. PRACTICE TEACHING 3 semester hours.
Hours arranged. Session. Staff.
Prerequisites: Physical education 311, 337, 335, 336 (Men); 340, 336, 341 (Women).
 Supervised teaching, coaching intramural teams and officiating intramural games.
350. CURRICULUM CONSTRUCTION IN PHYSICAL EDUCATION 3 semester hours.
Offered in Evening College. Mrs. Murphy.
Note: The following courses in Physical Education apply on a regular permanent certificate: Physical Education 340, 341, 349. (See detail above.)
Victory Corps for high school and college.

THE EVENING COLLEGE

ADMINISTRATION

MCGRUDER ELLIS SADLER, B. A., M. A., B. D., Ph. D., D. D.
President of the University.

EDWARD MCSHANE WAITS, B. A., LL. D.
President Emeritus of the University

CORTELL K. HOLSAPPLE, B. A., M. A., B. D., Ph. D.
Dean of the Evening College

L. C. WRIGHT, B. A.
Business Manager and Treasurer

SAMUEL WARD HUTTON, B. A., B. D.
Registrar

MRS. J. E. MOTHERSHEAD
Librarian

Special Committee of the Board of Trustees

Galen H. McKinney, chairman; L. D. Anderson, ex-officio;
W. S. Cooke, Marshall A. Fuller.

Advisory Committee

A committee consisting of representatives of some thirty-odd civic organizations in Fort Worth serves in an advisory capacity. Their names and affiliations appear in the Evening College catalogue.

The Evening College was organized in 1936 as a distinct administrative unit of the University; in 1943 this organization was made permanent, and the internal affairs made more closely parallel to other colleges. The purpose of the organization as stated in the beginning was "the extension of the facilities of T. C. U. into the evening hours . . . in order to make university education available to those unable to attend classes in the daytime at T. C. U."

The curriculum offered is based upon a careful selection of the required and popular courses in the various arts and sciences. They range from freshman through graduate levels, thus making it possible for any person to begin, continue, or complete work for the various degrees offered by the University. Credit thus earned is on a full residence credit basis.

In addition to these courses that are applicable on degrees, the Evening College offers work of a more specialized or technical nature to meet the needs of various professional or vocational groups. Whether these courses carry academic credit or not depends upon the nature of each. They are, however, offered only as adequate facilities and instructional staff are available to assure that the work is of the highest possible quality.

The University's work in aviation, in the E. S. M. W. T. program, and in the training of nurses has been channeled through the Evening College, and adaptations have been made to meet shifting needs.

For the separate Evening College catalogue or further information address the Dean of the College.

THE SCHOOL OF FINE ARTS

FACULTY

- MCGRUDER ELLIS SADLER, M. A., B. D., Ph. D., D. D.
President of the University.
- EDWARD MCSHANE WAITS, A. B., LL. D.
President Emeritus of the University.
- T. SMITH MCCORKLE, B. M., M. A., Ph. D.
Dean of the School of Fine Arts.
Professor of Violin, Musical Literature, and Music Education.
- KATHERINE MCKEE BAILEY, B. M.
Professor of Piano.
- JOHN BRIGHAM, B. M.
Assistant Professor of Voice.
- ARTHUR FAGUY-COTE
Assistant Professor of Voice.
- LEW D. FALLIS, B. A., Ph. Dip.
Professor of Speech-Drama.
- NEWTON GAINES, B. S. in E. E., M. A., Ph. D.
Professor of Physics. (Acoustics).
- ELEANOR EATON MORSE HALL,* B. M.
Instructor in Piano and Theory.
- SAMUEL WARD HUTTON, B. A., B. D.
Lecturer in Religious Music.
- Q'ZELLA OLIVER JEFFUS
Assistant Professor of Organ.
- WILLIAM J. MARSH
Director of Glee Clubs, Professor of Organ and of Theory.
- MARIAN DOUGLAS MARTIN
Assistant Professor of Piano.
- KEITH MIXSON,** B. A., B. M.
Assistant Professor of Piano and Music Theory.
- MRS. ROGER C. NEELY
Assistant Professor of Voice.
- KATHERINE MOORE NORTON, B. A., M. A.
Instructor in Speech-Drama.
- BROOKS MORRIS
Assistant Professor of Violin.
- LORRAINE SHERLEY, B. A., M. A.
Lecturer in the Interrelation of the Arts.
- JEANNETTE TILLET
Assistant Professor of Piano.
- E. CLYDE WHITLOCK
Assistant Professor of Violin.
- JOHN W. WOLDT, B. M., M. M.
Assistant Professor of Music Theory,
Director of the University Band.
- SAMUEL P. ZIEGLER, B. A., P. A. F. A.
Associate Professor of Art.
- ASSOCIATE PROFESSOR OF MUSIC EDUCATION TO BE APPOINTED SEPTEMBER 1, 1944.

*On leave during 1943 and 1944. **On leave in military service.

Francis Macmillen, distinguished violin virtuoso, will by special arrangement conduct a Violin Master Class at T. C. U. during the summer of 1944, following his regular concert tour. Violin students regularly enrolled in the Violin Department of Texas Christian University will be admitted to the Master Class of Mr. Macmillen. Others will be admitted by special arrangements. Terms will be quoted upon request.

DEGREES

The School of Fine Arts embraces the departments of Art, Speech-Drama, and Music. Curricula are designed to offer in each department both cultural and professional training.

In the departments of Art and Speech-Drama a major in the Bachelor of Arts degree may be taken through the Add-Ran College of Arts and Sciences. On a more professional plane, the degree of Bachelor of Arts in Art, or Bachelor of Arts in Speech-Drama, may be taken through the School of Fine Arts.

The Department of Music offers five degree plans through the School of Fine Arts. These are the Bachelor of Music, the Bachelor of Music Education, the Bachelor of Arts in Music, the Bachelor of Arts in Music Education, and the Bachelor of Arts in Church Music. The Master of Arts with a major in Music Education is offered jointly by the School of Education and the School of Fine Arts.

Entrance requirements to the School of Fine Arts are the same as those specified for the University at large (see page 30), with the addition that students wishing to major in any of the departments must satisfy the faculty of that department with respect to necessary preparatory work.

DEPARTMENT OF MUSIC

The department of music is an accredited member institution of the Texas Association of Schools of Music.

For admission to a degree course in music, students must pass a preliminary examination in theory and in performance. For further details see requirements for each of these subjects.

Several partial scholarships are available in Applied Music, Chorus, Orchestra, and Band. Such scholarships are awarded on a basis of need, ability, and scholarship. For further details consult the Dean of the School of Fine Arts.

MUSICAL ORGANIZATIONS

The University Symphony Orchestra, the Choral Club, and the Symphonic Band offer students an opportunity for wide experience in the performance of the best ensemble literature. Numerous smaller instrumental and choral groups are also maintained. Each of these organizations is conducted by a member of the music faculty. In addition to the frequent programs of these organizations and the regular student recitals, an Annual Music Festival is held each December.

Outstanding students are given the opportunity to appear as soloists with the University Symphony Orchestra. In addition to this, a member of the T. C. U. faculty, Professor Brooks Morris, is conductor of the Fort Worth Symphony Orchestra. T. C. U. students who can qualify, will be permitted to play in this orchestra as well as in the University Orchestra.

CURRICULA IN MUSIC

The Bachelor of Music degree may be taken with a major in piano, voice, violin, violoncello, organ. A minimum of thirty semester hours of work is required outside the department of music; the maximum may be thirty-six hours.

The Bachelor of Music Education degree will require forty-five semester hours outside the department of music, including twelve hours of education.

The Bachelor of Arts in Music, in Church Music, and in Music Education each will require sixty hours outside the department of music.

For students whose Applied Music is in wind instruments a curriculum may be worked out for any of the above listed degrees.

BACHELOR OF MUSIC IN PIANO, VIOLIN, VIOLONCELLO, ORGAN

The curriculum for the Bachelor of Music degree in piano, violin, violoncello, or organ provides a minimum of thirty hours, and permits a maximum of thirty-six hours outside the Department of Music, including English 6 hours, social science 6 hours, psychology 3 hours, physics 3 hours, religion 6 hours, and physical training. From 120 to 128 hours are required for the degree.

Suggested Courses by Years

| <i>Freshman</i> | <i>s. h.</i> | <i>Sophomore</i> | <i>s. h.</i> |
|---|--------------|------------------------------|--------------|
| Piano, Violin, Violoncello, or Organ *411, 412 | 8 | Applied Music 421, 422 | 8 |
| Music 411, 412 | 8 | Music 321a, b | 6 |
| English | 6 | Music 222a, b | 4 |
| Social Science | 6 | Music 224a, b | 4 |
| Ensemble as required | | Physics | 3 |
| Physical Training | | Psychology | 3 |
| | | Ensemble as required | |
| | | Physical Training | |

*Violin, violoncello and organ majors must complete Piano 400 within the first two years.

| <i>Junior</i> | <i>s. h.</i> | <i>Senior</i> | <i>s. h.</i> |
|---|--------------|---|--------------|
| Applied Music 431, 432 | 8 | Applied Music 441, 442 | 8 |
| Music 231a, b | 4 | Music 341 | 3 |
| Music 232a, b*; or 233a, b; or 234a, b | 4 | Music 342a, b | 6 |
| Music 235a, b** | 4 | Music 244a, b; or 245a, b or 247a, b | 4 |
| Religion | 6 | Electives | 9-12 |
| Electives (Academic) | 6-10 | Ensemble as required | |
| Ensemble as required | | | |

*Organ majors will take 232a, b.

**Not required of Organ majors.

BACHELOR OF MUSIC IN VOICE

Thirty-six hours of the work will be outside the department of music, including 6 hours each of French and German at the sophomore level*, English 6 hours, social science 6 hours, religion 6 hours, psychology 3 hours, physics 3 hours, and physical training. From 120 to 128 hours are required for the degree.

Suggested Courses by Years

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|---------------------------|-------|--------------|---------------------------|-------|--------------|
| Voice 211, 212 | ..... | 4 | Voice 221, 222 | ..... | 4 |
| Piano 400 | ..... | 4 | German 321ab. | ..... | 6 |
| Music 411, 412 | ..... | 8 | Music 321a, b | ..... | 6 |
| French 321ab. | ..... | 6 | Music 222a, b | ..... | 4 |
| English | ..... | 6 | Music 225 | ..... | 2 |
| | | | Music 224a, b | ..... | 4 |
| | | | Social Science | ..... | 6 |
| <i>Junior</i> | | <i>s. h.</i> | <i>Senior</i> | | <i>s. h.</i> |
| Voice 431, 432 | ..... | 8 | Voice 441, 442 | ..... | 8 |
| Music 231a, b | ..... | 4 | Music 342a, b | ..... | 6 |
| Music 232a, b; or 234a, b | ..... | 4 | Music 337 | ..... | 3 |
| Physics | ..... | 3 | Music 244a, b; or 245a, b | ..... | 4 |
| Music 338 | ..... | 3 | Electives | ..... | 9-15 |
| Psychology | ..... | 3 | | | |
| Religion | ..... | 6 | | | |

*If there has been no high school preparation in these languages, then course 311 must be taken in each as a prerequisite, but credit so earned cannot apply on the minimum number of hours required for this degree. The schedule will be adjusted to meet such cases.

BACHELOR OF MUSIC EDUCATION

Forty-five hours of work will be taken outside the Department of Music, including English 6 hours, social science 6 hours, religion 6 hours, psychology 3 hours, government 3 hours, physics 3 hours, education 12 hours and physical training. The curriculum is planned to meet the requirement for a permanent certificate as outlined by the Texas State Department of Education. Students from other states will be responsible for presenting and fulfilling the requirements of their respective states. From 120 to 128 hours are required for the degree.

Suggested Courses by Years

| <i>Freshman</i> | | <i>s. h.</i> | <i>Sophomore</i> | | <i>s. h.</i> |
|----------------------|-------|--------------|----------------------|-------|--------------|
| *Applied Music | ..... | 4 | **Applied Music | ..... | 4 |
| Strings 402 | ..... | 4 | Wind Instruments 403 | ..... | 4 |
| Music 411, 412 | ..... | 8 | Music 321a, b | ..... | 6 |
| Music 224a, b | ..... | 4 | Music 222a, b | ..... | 4 |
| English | ..... | 6 | Psychology | ..... | 3 |
| Social Science | ..... | 6 | Religion | ..... | 3 |
| Ensemble as required | | | Government | ..... | 3 |
| Physical Training | | | Physics | ..... | 3 |
| | | | Ensemble as required | | |
| | | | Physical Training | | |

*Students not majoring in piano must pass Piano 400 during the first two years, in addition to the 16 hours of concentration in Applied Music.

**Students not majoring in voice must pass Voice 401 during the first two years, in addition to the 16 hours of concentration in Applied Music.

| <i>Junior</i> | <i>s. h.</i> | <i>Senior</i> | <i>s. h.</i> |
|----------------------|--------------|------------------------|--------------|
| Applied Music | 4 | Applied Music | 4 |
| Music 231a, b | 4 | Music 243 | 2 |
| Music 339a, b | 6 | Music 348 or 349 | 3 |
| Religion | 3 | Education | 6 |
| Education | 6 | Music 342a, b | 6 |
| Electives | 10 | Electives | 15 |
| Ensemble as required | | Ensemble as required | |

THE DEGREE OF BACHELOR OF ARTS IN MUSIC

The Bachelor of Arts in Music may be taken with the field of concentration in Applied Music, in Music Education, or in Church Music. A total of 128 semester hours is required for the degree, 60 hours of which must be taken outside the Department of Music.

For concentration in Applied Music, 24 hours in applied music are required in a single field, together with 32 hours of theory and musical literature, and 12 hours of electives in music. All students must complete the equivalent of Piano 400 within the first two years. Participation in one or more of the musical organizations of the University will be required throughout the four years.

For concentration in the field of Music Education, 24 hours of applied music will be taken, arranged to meet the requirements as outlined by the Texas State Department of Education; 35 hours in theory and musical literature, and 9 hours in public school music methods complete the music requirements. The 60 hours outside the department of music will include 3 hours of government and practice teaching. The courses in practice teaching are education courses, but they are supervised by the department of music.

For a Major in Church Music the course will consist of a minimum of 16 semester hours in piano, organ, or voice and a minimum of 33 hours in theory and musical literature. The equivalent of Voice 401 and Piano 400 must be met by all students. Participation in the University Choral Club and in a church choir will be required throughout the four years.

Required academic subjects for each of these degree plans include English, 12 hours; social science, 6 hours; foreign language, 6 hours, at the sophomore level; religion, 6 hours; physics, 3 hours; psychology, 3 hours; and electives, 24 hours.

*Suggested Courses by Years**(1) Concentration in Applied Music*

| <i>Freshman</i> | | <i>s. h.</i> | <i>Junior</i> | | <i>s. h.</i> |
|----------------------|--|--------------|--------------------------|--|--------------|
| Applied Music | | 4 | Applied Music | | 8 |
| Music 411, 412..... | | 8 | Music 231a, b..... | | 4 |
| English | | 6 | Music electives | | 4-6 |
| Language | | 6 | Religion | | 6 |
| Social Science | | 6 | Academic Electives | | 10-12 |
| Ensemble as required | | | | | |
| Physical Training | | | | | |

| <i>Sophomore</i> | | <i>s. h.</i> | <i>Senior</i> | | <i>s. h.</i> |
|----------------------|--|--------------|--------------------------|--|--------------|
| Applied Music | | 4 | Applied Music | | 8 |
| Music 321a, b..... | | 6 | Music 342a, b..... | | 6 |
| Music 222a, b..... | | 4 | Music Electives | | 6-8 |
| Music 224a, b..... | | 4 | Academic Electives | | 12-14 |
| English | | 6 | | | |
| Psychology | | 3 | | | |
| Physics | | 3 | | | |
| Ensemble as required | | | | | |
| Physical Training | | | | | |

(2) Concentration in Music Education

| <i>Freshman</i> | | <i>s. h.</i> | <i>Junior</i> | | <i>s. h.</i> |
|----------------------|--|--------------|---------------------|--|--------------|
| Applied Music | | 4 | Applied Music | | 4 |
| Music 411, 412..... | | 8 | Music 231a, b..... | | 4 |
| Strings 402 | | 4 | Music 339a, b..... | | 6 |
| Music 224a, b..... | | 4 | Music 243 | | 2 |
| English | | 6 | Education | | 6 |
| Social Science | | 6 | Psychology | | 3 |
| | | | Religion | | 6 |

| <i>Sophomore</i> | | <i>s. h.</i> | <i>Senior</i> | | <i>s. h.</i> |
|---------------------------|--|--------------|--------------------------|--|--------------|
| Applied Music | | 4 | Applied Music | | 4 |
| Music 321a, b..... | | 6 | Music 348 or 349..... | | 3 |
| Music 222a, b..... | | 4 | Music Electives | | 7 |
| Wind Instruments 403..... | | 4 | Education | | 6 |
| *Language | | 6 | Government | | 3 |
| English | | 6 | Academic Electives | | 9 |
| Physics of Music..... | | 3 | | | |
| *(Sophomore level) | | | | | |

(3) Concentration in Church Music

| <i>Freshman</i> | | <i>s. h.</i> | <i>Junior</i> | | <i>s. h.</i> |
|----------------------|--|--------------|--------------------------|--|--------------|
| Applied Music | | 4 | Applied Music | | 8 |
| Music 411, 412 | | 8 | Music 231a, b | | 4 |
| English | | 6 | Music 338 | | 3 |
| Language | | 6 | Music 243 | | 2 |
| Social Science | | 6 | Psychology | | 3 |
| Ensemble as required | | | Religion | | 3 |
| Physical Training | | | Academic Electives | | 11 |
| | | | Ensemble as required. | | |
| <i>Sophomore</i> | | <i>s. h.</i> | <i>Senior</i> | | <i>s. h.</i> |
| Applied Music | | 4 | Applied Music | | 8 |
| Music 321a, b | | 6 | Music 356 | | 3 |
| Music 222a, b | | 4 | Music 342a, b | | 6 |
| Music 224a, b | | 4 | Music Electives | | 4 |
| English | | 6 | Academic Electives | | 13 |
| Physics | | 3 | Ensemble as required. | | |
| Religion | | 3 | | | |
| Ensemble as required | | | | | |
| Physical Training | | | | | |

GRADUATE DEGREES

Students who are eligible may enroll for the degree of Master of Arts with a major in Music Education and a minor in Education, or with a major in Education and a minor in Music Education.

Eligibility for graduate work in Music Education will be determined in conference with the Chairman of the Department of Music, and will require a prerequisite of 24 semester hours in music, at least six hours of which must have been advanced courses, and at least nine hours of which must have been in music education methods.

Graduate courses in Music Education are Music 663, 664, 665.

Students wishing to major in Music Education and minor in Education will take twelve semester hours of graduate course work and write a thesis in the department of Music Education, and 12 hours of graduate course work in the School of Education.

Students wishing to major in Education and minor in Music Education may take a minimum of 6 semester hours or a maximum of 12 semester hours in Music Education.

The degree of Master of Music is offered with a major in Applied Music, Musical Literature, and Music Education. Prerequisite: the Bachelor of Music degree or its equivalent. Courses may be chosen from those which have the middle digit 5 or 6. A thesis is required.

COURSES OF STUDY

APPLIED MUSIC

Credit will be granted for certain courses in applied music when taken in class, to meet minor requirements only.

PIANO 400. Designed to meet the minimum requirements in piano for violin, voice, instrumental, and music education majors. Credit granted on the basis of achievement only. The course may be repeated once, but if requirements are not then met, the work must be completed in private lessons at a special fee. To be given credit the student must perform

satisfactorily such music as the Czerny Velocity Studies, Opus 299, and pieces corresponding in difficulty to Mendelssohn's Songs Without Words, together with accompaniments of medium difficulty. Two class hours, to be arranged, and six practice hours per week. (Failure to meet the practice requirements will automatically drop the student from the course.) *Two trimesters. Four semester hours. Staff.*

VOICE 401. Designed to meet the minimum requirements in voice for Music Education majors. Subject to the same conditions and regulations as Piano 400. To receive credit the student must pass a satisfactory examination evincing proper tone production and breath control, together with the correct singing of vocalise and songs of medium difficulty. Two class hours, to be arranged, and six practice hours per week. (Failure to meet the practice requirements will automatically drop the student from the course.) *Two trimesters. 4 semester hours. Staff.*

STRINGS 402. Designed to meet the minimum requirements in string instruments for Music Education majors. Credit will depend upon the ability to play music of advanced preparatory difficulty on one instrument, and basic performance ability on the other instruments. Subject to the same conditions and regulations as Piano 400. *T. T. 2:30. Two trimesters. 4 semester hours. Staff.*

WOODWIND AND BRASS 403. Designed to meet the minimum requirements in woodwind instruments for Music Education majors, and subject to the same conditions and regulations as Strings 402, and Piano 400. *T. T. 2:30. Two trimesters. 4 semester hours. Staff.*

PERCUSSION 204. Designed to meet the minimum requirements in these instruments for Music Education majors, and subject to the same conditions and regulations as Strings 402 and Piano 400. *F. 2:30. One trimester. Two semester hours. Staff.*

APPLIED MUSIC G. C. Offered in any field of applied music on an elective basis to students other than those majoring in music. This course is designed to provide elective credit in the applied study of musical literature in cases where performance ability is not sufficiently high to warrant credit at the college level in a specific field of performance. Not available for credit on any music degree. *Two half-hour lessons and six hours practice per week. Each trimester. Two semester hours.*

PIANO

09. Preparatory Piano. A study of materials and techniques necessary for admittance to Freshman Piano 411 and 211. Non-Credit.

PIANO 411, 412. FRESHMAN PIANO 8 semester hours.
Two trimesters.

Selected etudes from Czerny, op. 299; Berens, op. 61; Heller, op. 47. Preludes and two-part Inventions by Bach. Sonata, Beethoven, op. 10-1, op. 10-2; Mozart, F Major, No. 4, or others of equal grade. Compositions and technic to suit the needs of the student. Two half-hour lessons and fifteen hours practice per week. Recitals.

PIANO 211, 212. FRESHMAN PIANO 4 semester hours.
Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education Major is piano, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

PIANO 421, 422. SOPHOMORE PIANO 8 semester hours.

Two trimesters.

Etudes chosen from the works of Cramer, Czerny op. 740, books 1 and 2; Etudes, op. 46 by MacDowell. Three-part Inventions by Bach and Preludes from the Well-Tempered Clavichord; selections by Scarlatti, Couperin, Rameau. Sonatas by Mozart, Nos. 2, 3, 4, 7, (Schirmer Edition); Haydn, E-flat; Beethoven, op. 2-1, op. 14-1, op. 14-2, or others of corresponding grade; compositions of commensurate difficulty by Schumann, Chopin, Grieg, and recognized modern composers.

Technical examination.

A demonstration of technical routine in scales, arpeggios, and octaves showing correct practice habits for mastering mechanical problems of playing repertoire for this level of advancement.

Two half-hour lessons and fifteen hours practice per week. Recitals.

PIANO 221, 222. SOPHOMORE PIANO 4 semester hours.

Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is piano, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

PIANO 431, 432. JUNIOR PIANO 8 semester hours.

Two trimesters.

Etudes of advanced difficulty by Czerny, Cramer, MacDowell, Kullak; the Well-Tempered Clavichord, suites and partitas by Bach; sonatas equivalent in difficulty to Mozart Nos. 9, 14, 15, 18 and Beethoven, op. 7, 13, 22, 26. Repertoire of classic, romantic, and modern compositions. Two half-hour lessons and fifteen hours practice per week. Joint recital for senior standing.

PIANO 231, 232. JUNIOR PIANO 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is piano, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

PIANO 441, 442. SENIOR PIANO 8 semester hours.

Two trimesters.

Selected Etudes of advanced grade by Phillip, Chopin, Liszt, and Casadesus; Bach Chorales, Well-Tempered Clavichord, and transcriptions by Busoni, Kelberine, Siloti, and Pirani; sonatas comparable in difficulty to Beethoven, op. 10-3, op. 27-2, op. 31-2 and 3, Schumann G minor, Ravel Sonatina and MacDowell Tragic. Concertos and concert pieces by standard American and foreign composers such as Grieg, MacDowell, Chopin, Schumann, Brahms, Liszt, Debussy, Ravel, and others.

Technical examination.

A demonstration of facility in scales, arpeggios, thirds, sixths, tenths, and octaves, single and double notes at speeds required for the artistic performance of required repertoire.

Public performance of an allegro movement from a standard concerto. Individual recital to include a Bach Prelude and Fugue, a complete sonata or its equivalent, and selections by romantic and modern composers.

Two half-hour lessons and fifteen hours practice per week.

PIANO 241, 242. SENIOR PIANO 4 semester hours.
Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is piano, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Joint recital.

VIOLIN

For admission as a music major in violin, the student shall play a Kreutzer Etude, the major and minor scales, and the Concerto No. 23 by Viotti, or some composition of equal difficulty.

A playing knowledge of the piano and four years of orchestral or ensemble experience is required for graduation.

09. PREPARATORY VIOLIN Non-Credit.
 A study of the materials and technique necessary for admittance to Freshman Violin 411.

VIOLIN 411, 412. FRESHMAN VIOLIN 8 semester hours.
Two trimesters.

Kreutzer 42 studies. Exercises by Sevcik. Sonatas by Schubert and Mozart. Selected shorter solos from classic and modern masters. Recitals. Two half-hour lessons and fifteen hours practice per week.

VIOLIN 211, 212. FRESHMAN VIOLIN 4 semester hours.
Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is violin, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VIOLIN 421, 422. SOPHOMORE VIOLIN 8 semester hours.
Two trimesters.

Kreutzer 42 studies; Fiorillo 36 Etudes; exercises by Sevcik. Concertos by Viotti, Rode, Kreutzer, de Beriot, and Bach. Selected solos from classic and modern masters. Sonatas by Mozart and Beethoven. Two half-hour lessons and fifteen hours practice per week. Recitals.

VIOLIN 221, 222. SOPHOMORE VIOLIN 4 semester hours.
Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is violin, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VIOLIN 431, 432. JUNIOR VIOLIN 8 semester hours.
Two trimesters.

Fiorillo 36 Caprices, Rode 24 Caprices, etc. Exercises by Sevcik, sonatas by Beethoven. Concertos by David, Molique, Spohr (Nos. 7, 9, 11), etc. Selected solos by Wieniawski, Vieuxtemps, Kreisler, de Beriot, Hubay, etc. Two half-hour lessons and fifteen hours practice per week. Joint recital for senior standing.

VIOLIN 231, 232. JUNIOR VIOLIN 4 semester hours.
Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is violin, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VIOLIN 441, 442. SENIOR VIOLIN 8 semester hours.

Two trimesters.

Rode 24 Caprices, Gavinies 24 Studies. Vieuxtemps, Bach solo sonatas. Exercises by Sevcik. Concertos by Mendelssohn, Bruch, Wieniawski, etc. Sonatas, Franck, Brahms. Solos in classical and modern repertory. Two half-hour lessons and fifteen hours practice per week. Individual senior recital.

VIOLIN 241, 242. SENIOR VIOLIN 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is violin, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Joint recital.

VOICE

For admission as a music major in voice, the student must possess a voice of pleasing quality with promise for development, and some musical intelligence in addition to a knowledge of the rudiments of music.

VOICE 211, 212. FRESHMAN VOICE 4 semester hours.

Two trimesters.

Breathing exercises developing bodily poise and the coordination of physical, mental, and vocal forces for the production of tone. Scales and arpeggios. Songs selected from the early Italian, Old English, and Modern American literature. Concone or Sieber studies. Two half-hour lessons and six hours practice per week. Recitals.

VOICE 221, 222. SOPHOMORE VOICE 4 semester hours.

Two trimesters.

Long scales and arpeggios. Panofka studies or other selected vocalises for the further development of vocal technique. Songs in Italian from the works of Scarlatti, Handel, Gluck, Mozart, etc. Songs from the German, French, and English schools. Introduction to the recitative. Recitals. Two half-hour lessons and six hours practice per week.

VOICE 431, 432. JUNIOR VOICE 8 semester hours.

Two trimesters.

Advanced studies in vocal technic. Lamperti studies in Bravura, Book I; Panofka continued. Songs in German from the works of Schubert, Schumann, Franz, etc. Songs in French from the works of Rameau, Gounod, Massenet, Lalo, Saint-Saens, etc. Songs of the Russian composers in English. Oratorio and opera. Joint recital for senior standing. Two half-hour lessons and fifteen hours practice per week.

VOICE 231, 232. JUNIOR VOICE 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is voice, or as an elective for credit. Two half-hour lessons per week and six hours practice per week. Recitals.

VOICE 441, 442. SENIOR VOICE 8 semester hours.

Two trimesters.

Advanced repertoire in English, Italian, and French, from the works of such composers as Frederick Delius, Michael Head, Carpenter, Hagemen; Puccini, Respighi; Caesar Franck, Fauré, Debussy, Harney Duparc; Schubert, Schumann, Brahms, Strauss, Wolfe. Additional songs of Russian composers such as Moussorgsky, Valakarieff, Gretchaninoff, in English. Individual recital. Two half-hour lessons and fifteen hours practice per week.

VOICE 241, 242. SENIOR VOICE 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is voice, or as an elective for credit. Two half-hour lessons per week and six hours practice per week. Joint recital.

VIOLONCELLO

09. PREPARATORY VIOLONCELLO. Studies in technique by Davidoff and Schroeder. Scales in two octaves. Exercises and duets by Kummer. Easy pieces in the first position and advancing to the fourth position. Non-Credit.

VIOLONCELLO 411, 412. FRESHMAN VIOLONCELLO 8 semester hours.

Two trimesters.

Studies by Dotzauer. Schroeder, Short Studies. S. Lee, 40 Melodic Etudes, Book 1. Klengel, Concertino, op 7. Romberg, Concertino. Golterman, Concertstuck. Selected pieces from the old masters to suit the needs of the student. Two half-hour lessons and fifteen hours practice per week. Recitals.

VIOLONCELLO 211, 212. FRESHMAN VIOLONCELLO 4 semester hours.

Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is violoncello, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VIOLONCELLO 421, 422. SOPHOMORE VIOLONCELLO 8 semester hours.

Two trimesters.

Grutzmacher, Technical Studies, Book 1. Merk, 20 Exercises. Dotzauer, Selected Studies op. 35. Golterman, Concertos. Romberg, Concerto No. 2. An early sonata. Selected solos from the Classic Composers and from Modern Masters. Two half-hour lessons and fifteen hours practice per week. Recitals.

VIOLONCELLO 221, 222. SOPHOMORE VIOLONCELLO 4 semester hours.

Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is violoncello, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VIOLONCELLO 431, 432. JUNIOR VIOLONCELLO 8 semester hours.

Two trimesters.

Duport, 21 Studies. Schroeder, studies in the thumb position. Davidoff, Concertos 1 and 2. Haydn, Concerto in D. Popper, Concerto No. 3. Bach, Sonata No. 1. Haydn, Sonata. Selected solos by Popper, von Goens, Saint-Saens, Debussy, Tschaiikowsky. Two half-hour lessons and fifteen hours practice per week. Joint recital for senior standing.

VIOLONCELLO 231, 232. JUNIOR VIOLONCELLO 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is violoncello, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

VOLONCELLO 441, 442. SENIOR VIOLONCELLO 8 semester hours.

Two trimesters.

Grutzmacher, Technical Exercises, Book 2. Piatti, Caprices. Sonatas by Beethoven, Bach, Haydn, Dohnanyi. Haydn, Concerto. Boellmann, Variations. Saint-Saens, Concerto. Lindler, Concerto. Solos by Max Bruch, Bargiel, Friml, Popper. Two half-hour lessons and fifteen hours practice per week. Individual senior recital.

VOLONCELLO 241, 242. SENIOR VIOLONCELLO 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is violoncello, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Joint recital.

ORGAN

09. PREPARATORY ORGAN. A study of materials and techniques necessary for admission to Freshman Organ 411 and 221. Non-Credit.

ORGAN 411, 412. FRESHMAN ORGAN 8 semester hours.

Two trimesters.

Practical Organ School—Rinck-Rogers. The Art and Technique of Organ Playing—Clarence Dickinson. Little Preludes, Fugues and Chorales—Bach. Special attention to touch, pedal technique, and stop registration. Two half-hour lessons and fifteen hours practice per week. Recitals.

ORGAN 211, 212. FRESHMAN ORGAN 4 semester hours.

Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is organ, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

ORGAN 421, 422. SOPHOMORE ORGAN 8 semester hours.

Two trimesters.

Master Studies for Organ—William C. Carl. Shorter Preludes and Fugues—Bach. Lesser sonatas of Mendelssohn and Guilman. Easy Romantic Pieces. Two half-hour lessons and fifteen hours practice per week. Recitals.

ORGAN 221, 222. SOPHOMORE ORGAN 4 semester hours.

Two trimesters.

For those students working toward the Bachelor of Arts in Music, or whose field of concentration in applied music as a Music Education major is organ, or as an elective for credit. Two half-hour lessons per week and eight hours practice.

ORGAN 431, 432. JUNIOR ORGAN 8 semester hours.

Two trimesters.

Preludes, Toccatas and Fugues—Bach. Sonatas—Mendelssohn, Guilman, etc. Shorter Symphonies—Widor. Romantic and modern repertory. Course in improvisation. Two half-hour lessons and fifteen hours practice per week. Joint recital for senior standing.

ORGAN 231, 232. JUNIOR ORGAN 4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is organ, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Recitals.

ORGAN 441, 442. SENIOR ORGAN

8 semester hours.

Two trimesters.

Larger Preludes, Toccatas, Fugues—Bach. Symphonies—Widor. Compositions of Franck and French Composers. Modern repertory of concert numbers. Special course in improvisation, modulation, sight reading, etc. Public recital of standard works is required. Individual senior recital. Two half-hour lessons and fifteen hours practice per week.

ORGAN 241, 242. SENIOR ORGAN

4 semester hours.

Two trimesters.

For those students whose field of concentration in applied music as a Music Education major is organ, or as an elective for credit. Two half-hour lessons per week and eight hours practice. Joint recital.

WIND INSTRUMENTS

Wind Instruments (all brass and woodwind instruments).

Required preparatory courses:

- 211, 212 (for Freshmen);
- 221, 222 (for Sophomores);
- 231, 232 (for Juniors);
- 241, 242 (for Seniors).

Each course two trimesters, 4 semester hours.

Content for these courses will be based on the standard repertoire for the instrument involved. Each course requires two half-hour lessons and six hours practice per week.

COURSES IN ENSEMBLE

MUSIC 122. BAND: Symphonic and marching band. Four hours weekly. Admission by special permission. Open to all students who can qualify. Required of music majors. Elective credit of 3 semester hours for four trimesters participation provided the student is properly registered each trimester and does satisfactory work.

MUSIC 123. ORCHESTRA: A standard symphonic organization, both in instrumentation and in the literature performed. Concerts at least every two months. Admission by special permission. Open to all students who can qualify. Required of music majors. Elective credit of 3 semester hours for four trimesters participation, provided the student is properly registered each trimester and does satisfactory work.

MUSIC 124. CHORAL CLUB. Men's Chorus, Women's Chorus, and Mixed Chorus, integrated as one organization. General choral literature, oratorio and liturgical literature. Admission by special permission. Open to all students who can qualify. Required of music majors. Elective credit of 3 semester hours for four trimesters participation, provided the student is properly registered each trimester and does satisfactory work.

MUSIC 125. SPECIAL ENSEMBLE. For music majors as designated under required ensemble.

THEORY AND MUSICAL LITERATURE

0A. MUSIC FUNDAMENTALS

Time to be arranged.

For students with limited or no technical training in music. The rudiments of music with a preparation for freshman theory the end in view.

- 411, 412. MUSICIANSHIP STUDIES 8 semester hours.
M. W. F. 9:00. Lab. M. W. F. 2:30. Two trimesters. Mr. Woldt.

An integrated course in elementary theory, elementary harmony, and ear training, including sight singing, and melodic, harmonic and rhythmic dictation, together with a study of written and keyboard harmony.

- 321ab. ADVANCED STUDY OF HARMONY 6 semester hours.
M. W. F. 9:00. Lab. Tu. 3:00. Two trimesters. Mr. Marsh

Prerequisite: Music 411, 412.

Beginning with secondary chords of the seventh and continuing through altered chords and modulations, including harmonization of melodies and figured bases. The laboratory hour will be devoted to Keyboard Harmony.

- 222ab. ADVANCED EAR TRAINING AND DICTATION 4 semester hours.
M. W. 10:00. Lab. F. 10:00. Two trimesters. Mr. Woldt.

Prerequisite: Music 411, 412.

Special stress on harmonic and rhythmic dictation, and on sight singing in the various clefs.

323. THE PHYSICAL THEORY OF MUSIC 3 semester hours.
Hours to be arranged. One trimester. Mr. Gaines.

Two class hours and one three hour laboratory per week.

Prerequisite: Sophomore standing; no previous physics necessary. Use is made of such modern equipment as cathode-ray oscillograph, Hammond electric organ, and stroboscope to find physical explanation of resonance, beats, harmonics, dissonant and consonant intervals, the diatonic and tempered scales, the qualities that characterize the different musical instruments, and of reverberation in auditoriums and its control. The theory of tuning keyboard instruments.

- 224ab. SURVEY COURSE IN MUSICAL LITERATURE 4 semester hours.
T. T. 9:00. Lab. S. 9:00. Two trimesters. Mr. McCorkle.

Prerequisite: Sophomore standing in music or permission. Students not majoring in music may be admitted by special permission.

Designed to acquaint the student with the chief periods, phases, and styles in the development of music, and to serve as prerequisite to an advanced course in the history of music.

225. DICTION 2 semester hours.
Hours to be arranged. One trimester. Staff.

Two class hours weekly.

The pronunciation of English and foreign languages, for voice majors and Music Education majors whose applied concentration is in Voice.

231. FORMS AND ANALYSIS 4 semester hours.
Tu. F. 8:00. Two trimesters. Mr. Woldt.

Prerequisite: Music 321a, b; 222a, b.

Harmonic and structural analysis of smaller instrumental forms; harmonic and structural analysis of the larger polyphonic and homophonic forms.

- 232ab. THE STUDY OF COUNTERPOINT 4 semester hours.
M. W. 8:00. Lab. F. 8:00. Two trimesters. Mr. Marsh.
Prerequisite: Music 321a, b; 222a, b.
 Elementary counterpoint in two, three, and four parts. Motive development and writing of simple two and three part inventions.
- 233ab. ORCHESTRATION 4 semester hours.
W. S. 8:00. Two trimesters. Mr. McCorkle; Mr. Woldt.
Prerequisite: Music 321a, b; 222a, b.
 Orchestral writing and arranging. Score reading.
- 234ab. ELEMENTARY COMPOSITION 4 semester hours.
Hours to be arranged. Two trimesters. Mr. Marsh.
 Two class hours per week.
Prerequisite: Music 321a, b; 222a, b.
 Original work in the smaller instrumental and vocal forms.
- 235ab. CHAMBER MUSIC 4 semester hours.
Hours to be arranged. Two trimesters. Staff.
 Four laboratory hours weekly.
Prerequisite: Junior standing and special permission.
 A study of small ensembles, designed to give the student actual performance experience along with a study of the literature.
336. SYMPHONIC LITERATURE 3 semester hours.
M. W. F. 11:00. One trimester. Mr. McCorkle.
 Offered in alternate trimesters with Music 337.
Prerequisite: Music 224a, b, and Junior standing. Students not majoring in music, prerequisite Music 224a, b, and special permission.
 A study of outstanding examples of orchestral music.
337. OPERATIC LITERATURE 3 semester hours.
Winter trimester.
Lectures M. W. F. 11:00. Lab. S. 1:00. Mr. Woldt and Staff.
Prerequisite: Music 224a, b, and Junior standing. Open by special permission to students not majoring in music as an appreciation course in opera, with Music 224a, b, as a prerequisite.
 A study of the music of outstanding representative operas with careful attention to individual repertoire for voice majors.
338. CHORAL LITERATURE 3 semester hours.
M. W. 12:00. Lab. T. T. 4:30. One trimester. Mr. Marsh and Staff.
Prerequisite: Music 224a, b, and Junior standing. Open to students not majoring in music by special permission and with Music 224a, b, as a prerequisite.
 A study of the literature of the oratorio, mass, madrigal, motet, etc., including Protestant church music, with performance participation.
341. REPERTOIRE 3 semester hours.
Hours to be arranged. One trimester. Staff.
 Two lectures and two laboratory hours weekly.
Prerequisite: Senior standing in applied music and special permission.
 A special study in the performance literature of various fields of applied music, designed to fit the needs of applied music majors by groups. Performance participation required.

- 342ab. HISTORY OF MUSIC 6 semester hours.
T. T. S. 11:00. Two trimesters. Mr. McCorkle.
Prerequisite: Senior standing, Music 224a, b, and one or more courses in musical literature at the Junior level.
 An advanced course, designed to effect an accurate knowledge of historical data in the development of music and an integration of these facts with the general sociological, philosophical, and literary progress of the race.
243. CONDUCTING 2 semester hours.
Hours to be arranged. One trimester. Staff.
 One class hour and two laboratory hours weekly.
Prerequisite: Junior standing as a music major.
 The technique of the baton, score reading, tone production, handling of the instrumental choirs, and supervised practice in conducting band, orchestra, and chorus.
- 244ab. DOUBLE COUNTERPOINT, CANON, AND FUGUE 4 semester hours.
Hours to be arranged. Two trimesters. Mr. Marsh.
 Two class hours a week.
Prerequisite: Music 231a, b.
 A study in the writing of the more intricate contrapuntal forms.
- 245ab. COMPOSITION IN THE LARGER FORMS 4 semester hours.
Hours to be arranged. Two trimesters. Mr. Marsh.
 Two class hours a week.
Prerequisite: Music 234a, b.
- 246ab. CHAMBER MUSIC 4 semester hours.
Hours to be arranged. Two trimesters. Staff.
 Four laboratory hours weekly.
Prerequisite: Music 235a, b.
 Additional study of the literature of small ensemble combinations, with performance participation.
- 247ab. ADVANCED ORCHESTRATION 4 semester hours.
Hours to be arranged. Two trimesters. Mr. McCorkle; Mr. Woldt.
 Two class hours weekly.
Prerequisite: Music 233a, b, or special permission.
 Designed for students doing original composition in the orchestral field, and to produce familiarity with the more complex scoring problems of the modern orchestra.
- 351ab, 352ab. SEMINARS IN MUSICAL LITERATURE 3 semester hours.
Hours to be arranged. Each half course, one trimester. Staff.
 Three class hours weekly.
Prerequisite: Senior standing and special permission.
 Special studies designed to permit students to follow their individual interests.
- 253ab, 254ab. SEMINARS IN MUSICAL LITERATURE on a basis of two semester hours for each course. (Students ordinarily will take not more than one or two such seminars at the undergraduate level. The numberings are offered in order to provide a possibility for the student to pursue fields of specific interest.)

354. PEDAGOGY OF THEORY 3 semester hours.
Hours to be arranged. One trimester. Mr. McCorkle; Mr. Woldt.
 Three class hours weekly.
Prerequisite: Senior standing, Music 411, 412; 321a, b; 222a, b; 232a, b; and 231a, b, or 233a, b, or 234a, b.
 A study of bibliography in the various branches of theory, together with a discussion of teaching methods. The course will embrace an intensive review of the first three years of theoretical work.
- 255ab. ADVANCED COMPOSITION 4 semester hours.
Hours to be arranged. Two trimesters. Mr. Marsh.
 Two class hours weekly.
Prerequisite: Music 245a, b, and special permission.
356. HYMNOLOGY 3 semester hours.
T. T. S. 8:00. Summer, 1945. Mr. Hutton.
 A course dealing with the special preparation of students in the literature, the appreciation and selection of hymns, looking to a more profitable coordination of the worship service as a whole.
 An elective for students of religion not majoring in music, or by special permission.

MUSIC EDUCATION

- 339ab. METHODS IN THE ELEMENTARY GRADES 6 semester hours.
T. T. S. 10:00. Two trimesters. Staff.
Prerequisite: Junior standing, Music 411, 412; 321a, b; 222a, b; voice 401; piano 400.
 Materials, techniques, and procedures, grades one to six inclusive, for teaching music in all of its phases, including creative activities.
348. INSTRUMENTAL METHODS IN THE JUNIOR AND SENIOR HIGH SCHOOL 3 semester hours.
T. T. S. 11:00. One trimester. Staff.
 Offered alternately with Music 349.
Prerequisite: Same as for Music 339, plus Music 243.
 Materials, techniques, and procedures for the conducting of instrumental classes and organizations at the secondary level.
349. VOCAL METHODS IN THE JUNIOR AND SENIOR HIGH SCHOOL 3 semester hours.
T. T. S. 11:00. One trimester. Staff.
Prerequisite: Same as Music 348.
 Materials, techniques, and procedures for conducting vocal classes and organizations at the secondary level.

GRADUATE COURSES

661. ADVANCED STUDIES IN MUSICAL LITERATURE 6 semester hours.
Two trimesters. Mr. McCorkle.
Prerequisite: Graduate standing in music.
 Two courses of three semester hours each or one course of six semester hours. Special period studies in the history of music.
662. SPECIAL STUDIES IN MUSICAL LITERATURE 6 semester hours.
Two trimesters. Mr. McCorkle.
Prerequisite: Graduate standing in music.
 Two courses of three semester hours each or one course of six semester hours.

663. SEMINAR IN MUSIC EDUCATION 6 semester hours.
Two trimesters. Mr. McCorkle.
Prerequisite: Graduate standing in music education.
 Two courses of three semester hours each or one course of six semester hours. A survey of late bibliography and research studies in music education, and of curricula and philosophies with respect to music in the schools.
664. SPECIAL STUDIES IN MUSIC EDUCATION 6 semester hours.
Two trimesters. Mr. McCorkle.
Prerequisite: Graduate standing in music education.
 Two courses of three semester hours each, or one course of six semester hours.
665. THESIS COURSE 6 semester hours.
Two trimesters. Mr. McCorkle.
 Conforming to the requirements for research as set forth by the Graduate School.

RATES OF TUITION

Music

For Private Lessons, two half-hour lessons per week.

| | Winter | Spring |
|--|---------|---------|
| Piano, Miss Bailey..... | \$72.00 | \$72.00 |
| Piano, Mrs. Martin..... | 72.00 | 72.00 |
| Piano, Mrs. Hall..... | 54.00 | 54.00 |
| Piano, Miss Tillett..... | 90.00 | 90.00 |
| Voice, Mr. Brigham..... | 63.00 | 63.00 |
| Voice, Mr. Faguy-Cote..... | 72.00 | 72.00 |
| Voice, Mrs. Neely..... | 54.00 | 54.00 |
| Violin, Mr. McCorkle..... | 72.00 | 72.00 |
| Violin, Mr. Morris..... | 72.00 | 72.00 |
| Violin, Mr. Whitlock..... | 72.00 | 72.00 |
| Violoncello, Mr. Ziegler..... | 72.00 | 72.00 |
| Organ, Mr. Marsh..... | 72.00 | 72.00 |
| Organ, Mrs. Jeffus (two one-hour lessons)..... | 72.00 | 72.00 |
| Wind Instruments, Mr. Woldt..... | 54.00 | 54.00 |

Lower rates for beginners and children.

Single lessons, \$2.50 per lesson.

Fee for use of Practice Rooms:

| | | |
|--|-------|-------|
| For all students enrolled for applied music, and living in a dormitory or using T. C. U. practice rooms..... | 3.00 | 3.00 |
| For all other college students taking music..... | .75 | .75 |
| Organ rental, 50c per hour. | | |
| Private Lessons in Class Subjects, 3 s. h. basis..... | 36.00 | 36.00 |
| One-half time will be charged at 60 per cent. | | |

All "classes" unless otherwise stated are without extra tuition, but count as a part of a load, just as any regular classes in the College of Arts and Sciences.

DEPARTMENT OF ART

Professor Samuel P. Ziegler, Head of Department
Lorraine Sherley, Lecturer in Music, Art, and Aesthetics

The Brushes. "The Brushes" is an art club which is affiliated with the American Federation of Art. It has for its object the furtherance of the art interests of the University. The School of Fine Arts is also a member of the College Art Association of America.

Art Galleries and Exhibitions. There will be an exhibition of student work at the close of each trimester. The final exhibition, held during the last two weeks of the school year, will contain selected work from all the work done throughout the year. Original work by the instructors will be shown from time to time. Outside exhibitions will be brought in frequently as an educational feature.

The art gallery of the Fort Worth Art Association contains a permanent collection of American paintings.

It also presents special exhibitions of the best work by contemporary painters of America held throughout the year. An exhibition by painters of the Southwest, one by Texas artists, and a Fort Worth show, together with exhibitions by individual nationally known painters form the major art activities. Each year artists of national reputation visit Fort Worth and lecture upon current art subjects, thus creating a stimulating art atmosphere.

Art Library. The art library contains many books, magazines, and reproductions. It is planned as a reference library, and attention has been given to the selection of books of cultural value together with technical handbooks, biographies, history, and general art books.

Students furnish their own material, except easels and drawing boards. The finished work of students is under the control of the department until after the spring exhibition. The school reserves the right to retain an example of the work of each student done during the year.

The Bachelor of Arts with a Major in Art.

Entrance: The same as for any B. A.

- I. *Required Subjects*, the same as for any B. A., briefly: science, 6 semester hours; religion, 6; English, 12; a foreign language, 6 or 12; a social science (312), 6; psychology or philosophy, 3; total 54 or 60.
- II. *A Major in Art*, 30 semester hours including 12 semester hours of drawing and painting.
- III. *A Minor*, of 18 semester hours in history, philosophy, or a foreign language; or 24 semester hours in English.

Prescribed: History 342, or Philosophy 334.

Recommended: Physics 321 for students taking Art 327.

COURSES OF STUDY IN ART

- 311ab. PUBLIC SCHOOL ART 6 semester hours.
Two trimesters.
M. W. F. 8:00. Lab. 1:00. Studio Fee \$2.25 per semester.
 The teaching of Public School Art in the elementary grades; training in writing and drawing as requested by the State Department of Education; construction work; elementary free-hand and mechanical perspective; elementary design and color; lettering and poster work; art appreciation in the elementary grades.
- 312ab. DRAWING AND PAINTING 6 semester hours.
M. W. F. 1:00-3:00; T. T. S. 10:00-12:00. Two trimesters. Three 2-hour periods a week, with additional laboratory hours to total nine hours per week. Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 Free-hand drawing in charcoal from objects and casts, in line and in simple values. Elementary still-life painting. Prescribed exercises in composition and perspective. Landscape sketching in winter and spring.
316. DRAWING FOR SCIENCE (Formerly 317) 3 semester hours.
T. T. S. 9:00-11:00. One trimester. Studio fee \$2.25.
 Fundamentals of arrangement, lettering and free-hand drawing. The principles of drawing are presented in an orderly way so as to enable the student to depict clearly the structure and appearance of objects. Practice in free-hand and mechanical perspective; light and shade, the use of mechanical aids and drawing for reproduction.
- 317ab. COMMERCIAL ART 6 semester hours.
T. T. S. 9:00-11:00. Two trimesters. Three two-hour periods a week. Tuition for a student paying full literary tuition, 25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 The student will work in the regular drawing classes, where the fundamentals of drawing will be stressed. This work will be supplemented by special assignments in perspective, commercial design, lettering for advertisements, and poster work in various media.
- 320ab. ART HISTORY 6 semester hours.
Offered in 1943-'44 and alternate years. Two trimesters. Studio fee \$2.25 per trimester.
 The history of architecture and sculpture will be given during the first trimester and the history of painting during the second trimester. Lectures, assignments, collateral readings, classroom discussions, and the preparation of an illustrated notebook.
- 322ab. DRAWING AND PAINTING 6 semester hours.
Three two-hour periods a week with additional laboratory hours to total nine hours per week. Two trimesters.
Two sections: M. W. F. 1:00-3:00; T. T. S. 10:00-12:00.
Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 The work of the second year consists of cast drawing from heads and figures, and from the portrait model. Still-life painting, together with prescribed exercises in perspective and composition. Landscape sketching in winter and spring.

- 324ab. **ADVANCED DESIGN AND COLOR** 6 semester hours.
M. W. F. 1:00-3:00. Two trimesters.
Prerequisite: Art 311.
 The fundamentals of design. The making of units, borders, and surface patterns. The analysis of plant, bird, and animal forms. The invention of new motifs and their application to practical problems. Study of the origins of ornament and the historic development of design. Advised for High School Art Teachers.
- 327ab. **COMMERCIAL ART** 6 semester hours.
T. T. S. 9:00-11:00, with additional laboratory hours to total nine hours a week. Studio fee \$2.25 per trimester. Two trimesters. Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester.
 Drawing in charcoal and other mediums including wash drawing and pen and ink. Elementary studies in color. Exercises in caricaturing. Lettering and lay-out work for advertisements.
- 329ab. **INTERIOR DECORATION** 6 semester hours.
T. T. S. 8:00. Two trimesters. Studio fee \$2.25 per trimester. Not available for credit if 339 has been taken for credit.
 The principles of design as applied to home decoration. Elementary exercises in drawing with instruments. Practice in drawing floor plans. The study of the historic periods and the ideas they represent. Lectures, assignments, collateral reading, notebook.
- 330ab. **ART APPRECIATION** 6 semester hours.
Offered in 1944-1945 and alternate years. Two trimesters. Studio fee \$2.25 per trimester.
 Designed to develop intelligent observation and to acquaint the student with the world's masterpieces in the fine arts. The laboratory method is used in analyzing and discussing reproductions and original works of art. General aesthetics, with emphasis on the elements underlying all the arts. Lectures, assignments, collateral reading, illustrated notebooks. *Open to students of all departments.*
331. **PUBLIC SCHOOL ART (Formerly 121)** 3 semester hours.
M. W. F. 8:00. Winter. Lab. 1:00. Studio fee \$2.25 per trimester.
Prerequisite: Art 311.
 Advanced work in art structure and the principles of design. Advanced study in the theory and use of color. Design applied in the crafts of clay-modeling, linoleum block-printing, weaving, metal and leather work.
- 332ab. **DRAWING AND PAINTING** 6 semester hours.
Three two-hour periods a week with additional laboratory hours to total nine hours per week. Two trimesters.
Two sections: M. W. F. 1:00-3:00; T. T. S. 10:00-12:00.
Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 The work of the third year consists of advanced drawing from full-length casts, Advanced still-life painting. Drawing and painting from the portrait model. Compositions are planned and executed in color. Prescribed exercises in perspective. Landscape sketching in winter and spring.

333. PUBLIC SCHOOL ART (Formerly 122) 3 semester hours.
M. W. F. 8:00. Spring. Lab. 1:00. Studio fee \$2.25 per trimester.
Prerequisite: Public School Art 331, or equivalent.
 This course covers the principles of method and subject matter; completing of special projects; evaluating methods of supervision; practice teaching. Study of the art curriculum and preparation of a unit of work. This is the methods course required for a teacher's certificate.
- 337ab. COMMERCIAL ART 6 semester hours.
T. T. S. 9:00-11:00 with additional laboratory hours to total nine hours per week. Two trimesters. Studio fee \$2.25 per trimester. Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester.
 Drawing from the model in different media. Advanced work in pen and ink and wash drawing. Fashion drawing for advertisements. Illustration, cartoons, and general newspaper work.
- 339ab. INTERIOR DECORATION 6 semester hours.
T. T. S. 8:00. Two trimesters. Studio fee \$2.25 per trimester. Not available for credit if 329 has been taken for credit.
 The study of historic decorative design. Advanced work in the drawing of plans, elevations and in the planning of color schemes for modern needs. Lectures, collateral reading, papers, notebook.
- 342ab. DRAWING AND PAINTING (Formerly 42) 6 semester hours.
Two sections: M. W. F. 1:00-3:00; T. T. S. 10:00-12:00. Additional laboratory hours to make the total nine hours per week. Two trimesters. Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 The work of the fourth year consists of the painting of original still-life compositions. Advanced painting from the portrait and costumed model. The preparation of sketches for easel pictures and the completion of chosen compositional schemes. Prescribed exercises in perspective. Landscape sketching in fall and spring.
- 344ab. SEMINAR IN ART 6 semester hours.
Three two-hour periods a week with additional laboratory hours to total nine hours per week. Two trimesters.
Two sections: M. W. F. 1:00-3:00; T. T. S. 10:00-12:00.
Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester. Studio fee \$2.25.
 Work in the various fields of art directed to the individual needs of the student. The planning and developing of original works. Perspective and composition. Practical color theory.
346. HISTORY OF MODERN PAINTING AND SCULPTURE 3 semester hours.
M. W. F. 10:00. One trimester. Studio fee \$2.25.
Prerequisite: Art 320ab.
 The course deals chiefly with the art of Europe and America during the last one hundred years. Lectures, assignments, and class discussions.
- 347ab. COMMERCIAL ART 6 semester hours.
T. T. S. 9:00-11:00 with additional laboratory hours to total nine hours per week. Two trimesters. Studio fee \$2.25 per trimester. Tuition for a student paying full literary tuition, \$25.00 a trimester; for others, \$50.00 a trimester.
 Drawing from the model. Advanced drawing and color work for reproduction. Original work in gouache and water color. Magazine covers and book illustration. The assignments will be, as near as possible, of a professional nature.

348. HISTORY OF MODERN PAINTING IN AMERICA 3 semester hours.
M. W. F. 10:00. One trimester. Studio fee \$2.25.
Prerequisite: Art 320ab.

The development of art in America with its relation to the social, religious, and historical background. The primitive painters, the early school of portrait painting, nineteenth century eclectic art, and contemporary painting. Lectures, reading assignments, papers and class discussions.

CHILDREN'S DRAWING CLASS

S. 8:00-11:00. Tuition \$15.00 per trimester.

For the convenience of high school students and those who cannot pursue the regular work, a Saturday morning class has been arranged. The students work with the regular drawing class. Special fundamental assignments are made when necessary.

RATES OF ART TUITION

| | Winter | Spring |
|---|---------|---------|
| Drawing and Painting alone..... | \$50.00 | \$50.00 |
| Drawing and Painting for one paying full literary tuition.... | 25.00 | 25.00 |
| Part Time 2/3 Time..... | 37.50 | 37.50 |
| 1/2 Time..... | 30.00 | 30.00 |
| 1/3 Time..... | 18.75 | 18.75 |
| Children's Drawing Classes..... | 15.00 | 15.00 |
| Studio fee for courses so marked..... | 2.25 | 2.25 |

Half time will be charged at 60 per cent. No reduction for double time.

DEPARTMENT OF SPEECH-DRAMA

The Bachelor of Arts degree with a major in Speech-Drama is offered through the Add-Ran College of Arts and Sciences. (See page 86.)

It is the purpose of this Department also to offer the Bachelor of Arts degree in Speech-Drama, through the School of Fine Arts. The curriculum will include a minimum of 60 hours of work outside the department, the requirements for which are the same as those for the Bachelor of Arts in Art degree.

A maximum of 60 hours may be taken in Speech-Drama. At present only the first two years of this curriculum are available. Only Freshmen will be permitted to enroll under this degree plan.

SUGGESTED COURSES BY YEARS

| <i>Freshman Year</i> | <i>s. h.</i> | <i>Sophomore Year</i> | <i>s. h.</i> |
|-------------------------|--------------|-------------------------------|--------------|
| Dramatics 317ab..... | 6 | Dramatics 327, 328..... | 6 |
| Speech-Drama 324ab..... | 6 | Radio Techniques 321, 322, or | |
| English..... | 6 | Speech-Drama 334ab..... | 6 |
| Language (321)..... | 6 | English..... | 6 |
| Social Science..... | 6 | Religion..... | 6 |
| | | Psychology..... | 3 |
| | | Academic electives..... | 3 |

The Junior and Senior years will require 30 hours of academic electives and 36 hours in Speech-Drama. These latter courses will include advanced acting and play production, scenic and costume design, history of the drama, and special studies directed to individual talents and capacities of the student.

GRADUATE SCHOOL

FACULTY

- MCGRUDER ELLIS SADLER, M. A., B. D., Ph. D., D. D.
President of the University.
- EDWARD MCSHANE WAITS, B. A., LL. D.
President Emeritus of the University.
- COLBY D. HALL, B. A., M. A., LL. D.
Dean of Brite College of the Bible.
- JOHN LORD, B. A., M. A., Ph. D.
Dean of the Graduate School, Professor of Government.
- JOSIAH H. COMBS, B. A., Docteur de l'Universite de Paris
Professor of Modern Languages.
- NEWTON GAINES, B. S., M. A., Ph. D.
Professor of Physics.
- W. J. HAMMOND, B. A., M. A., Ph. D.
Professor of History.
- WILLIS G. HEWATT, B. S., M. S., Ph. D.
Professor of Biology.
- FRANK WOODALL HOGAN, B. S., M. S.
Professor of Chemistry.
- CORTELL K. HOLSAPPLE, B. A., M. A., B. D., Ph. D.
Dean of the Evening College, Professor of Philosophy.
- THOMAS SMITH McCORKLE, B. M., M. A., Ph. D.
Dean of the School of Fine Arts, Professor of Music Education and Musicology.
- MABEL MAJOR, B. A., B. S., M. A.
Professor of English.
- JEROME MOORE, B. A., M. A., Ph. D.
Dean of College of Arts and Sciences, Professor of Spanish.
- HERBERT R. MUNDHENKE, B. A., M. A., Ph. D.
Professor of Economics.
- AUSTIN L. PORTERFIELD, B. A., M. A., B. D., Ph. D.
Professor of Sociology.
- GAYLE SCOTT, B. A., M. S., Dr. es Sc.
Professor of Biology and Geology.
- RAYMOND A. SMITH, B. A., M. A., B. D., LL. D.
Dean of the School of Education, Professor of Education
- *REBECCA W. SMITH, B. A., M. A., Ph. D.
Professor of English.
- ELLIS M. SOWELL, B. S., M. B. A., Ph. D.
Dean of the School of Business, Professor of Accounting.
- **C. ALLEN TRUE, B. A., M. A., Ph. D.
Professor of History.
- J. LAURENCE WHITMAN, B. A., M. S., Ph. D.
Professor of Chemistry.
- WILL MCLAIN WINTON, B. S., M. S., F. A. A. S.
Professor of Biology and Geology.

*On leave of absence in military service.

**On leave of absence in government service.

COMMITTEES

Graduate Council: Dean Lord, Chairman.

Professors Hammond, R. A. Smith, Gayle Scott, Rebecca Smith, Herbert R. Mundhenke, Cortell K. Holsapple.

Curriculum Committee: Dean Lord, Chairman.

Professors R. A. Smith, Willis G. Hewatt, T. Smith McCorkle, Josiah Combs.

Examining Committee: Dean Lord, Chairman.

Students Major and Minor Professors, Faculty Representative.

The President of the University is an ex-officio member of all committees.

ADMISSION

Graduates of colleges and universities of recognized standing are admitted to the graduate school.

Application for admission must be approved by the Dean of the Graduate School. Applications from other institutions than Texas Christian University must file with the dean an official transcript of undergraduate work. Admission to the Graduate School does not necessarily imply candidacy for a degree.

REGISTRATION

Graduate students will register in the office of the Graduate Dean at the opening of each trimester or summer session. The student's program of study must have the approval of the Dean and Major and Minor Professors. Work taken before such approval will not be accepted for graduate work.

PREREQUISITES

In all departments, a minimum prerequisite of twenty-four semester hours is required of all graduate students in their major field; six semester hours of such prerequisite must be in the 40's or 50's. A minimum prerequisite of eighteen semester hours is required of all graduate students in their minor field, six semester hours of such prerequisite must be in the 30's or 40's.

Credit by advanced standing to satisfy prerequisites for graduate work must be completed before the candidate is admitted to graduate work. Any student lacking prerequisites in a given field required for graduate work must immediately enroll in the course required to satisfy such prerequisites, and must obtain credit on the course before he will be granted credit in the graduate courses for which he has enrolled.

CANDIDACY

A student may become a candidate for a Master's degree only with the approval of the Graduate Council and the major professor. The applicant must fill out a blank form, provided for the purpose, which must be presented to the Dean at the time of registration. A B average on undergraduate work is required for candidacy.

DEGREE

The requirements for the Master of Arts or Master of Science are:
1. A Bachelor's degree from Texas Christian University or from another institution of recognized standing. 2. Resident work in the University for at least 35 weeks. No work taken *in absentia* or by correspondence may count on a Master's degree. A minimum of 30 semester hours, and whatever addi-

tional work in any course a teacher may require in order to satisfy the requirements for the degree. The courses for the degree must all be of senior or graduate rank; must have been passed with a grade of B or more, and must have been taken after the completion of 120 semester hours for the Bachelor's degree. 3. The student must select a major and minor subject, the combination to be approved by the Dean and major and minor professors. Ordinarily the major subject should represent about three-fifths of the entire course. 4. The thesis subject must (1) be approved by the major professor not later than two weeks following the student's acceptance to candidacy; (2) the thesis material must be gathered and the thesis developed under the guidance of the major professor; (3) if a research or problem thesis be chosen, for which a maximum of six semester hours' credit may be allowed, the student must show ability to do careful research work and to make use of available source material; (4) in a more general thesis, for which no semester hour credit is allowed, the student must show familiarity with the subject-matter of the field in which the thesis is chosen, and must show ability to investigate and to treat his subject with a fair degree of completeness; (5) it must indicate ability and accuracy in composition. The first draft of the thesis must be submitted not less than two months before Commencement Day. Two final copies of the thesis, approved by the student's major professor, must be in the hands of the Dean of the Graduate School before the student will be admitted to examination. Printed instructions as to the form of the thesis may be obtained at the office of the Graduate Dean.

EXAMINATIONS

All candidates for the Master's degree must take a final oral examination covering all work taken for the degree, including the thesis, before an examining committee composed of those under whom he has studied, with the addition of a faculty member appointed by the Dean of the Graduate School. The examination may not take place later than two weeks before Commencement Day. Any graduate student who fails in a final oral examination for the Degree will not be allowed to take another examination within nine months; the same rule will apply to a failure in any written examination in a graduate course.

TUITION AND FEES

For tuition rates and other fees consult the general statements for the University. The rates are the same as for undergraduate work.

COURSES OF INSTRUCTION

Courses listed below may carry graduate credit. Graduate courses are numbered in the 50s and above. A few courses numbered in the 40s may be credited toward the Master's degree on advice of the Dean of the Graduate School. Description of the courses will be found in the College of Arts and Sciences section of the catalogue.

BIBLE: Graduate courses are offered in the Brite College of the Bible, and count toward the degree of B. D.. Some of these may be elected to count toward a Master's degree under certain conditions.

BIOLOGY AND GEOLOGY

- 050. Assigned Problems in Biology
- 052. Assigned Problems in Geology
- 355. Geological Drafting and Projection

BUSINESS ADMINISTRATION

- 650. C. P. A. Review
- 651. C. P. A. Review, Second Course
- 660. Thesis Seminar
- 352. Seminar in Commerce
- 360. Problems in Business Policies and Management
- 361. Problems in Commerce, Industry and Finance

CHEMISTRY

- 351. Qualitative Organic Analysis
- 352. Organic Synthesis
- 053. Special Problems
- 254. Colloids

ECONOMICS

- 660. Thesis Seminar
- 361. Current Economic Problems
- 362. Contemporary Economic Thought

EDUCATION

- 350. Supervision of Instruction
- 354ab. Advanced Educational Psychology
- 351b. Educational Administration (High School)
- 353. General School Administration
- 354. Philosophy of Education
- 355a. Curriculum Construction in the Elementary School
- 357. Interrelation of the Social Sciences
- 358. Curriculum Orientation
- 360ab. Thesis Seminar
- 361ab. Principles and Techniques of Elementary School Instruction
- 362ab. Survey of Educational Methods
- 364. Seminar in Educational Administration
- 365ab. The Junior College, Its Development and Method
- 366ab. Seminar in Educational Problems

ENGLISH

- 353a. Milton
- 357a. Chaucer
- 660. Thesis Seminar

GOVERNMENT

- 350. Seminar in International Law
- 660. Thesis Seminar
- 361. Seminar in Contemporary Political Thought
- 362. Seminar in Contemporary Political Thought

HISTORY

- 353. Hispanic-American History, Colonial Period
- 354. Hispanic-American History, Republican Period
- 660. Thesis Seminar
- 365. Seminar in Hispanic American History
- 366. Seminar in Anglo-American History

MUSIC

Theory and Musical Literature: Course Nos.:

351, 352, 253, 254, 354, 255, 356.

Music Education: Course Nos.:

661, 662, 663, 664, 665.

PHILOSOPHY

350ab. Advanced Philosophical Studies

351ab. Seminar in Contemporary Philosophy

660. Thesis

PHYSICS

050. Assigned Problems in Physics

PSYCHOLOGY

352. Psychology of Religion

RELIGIOUS EDUCATION (See Brite College of the Bible Catalogue).

SEMITICS (See Brite College of the Bible Catalogue)

SOCIOLOGY

350. Sociology of Religion

352. History of Social Philosophy

353. Advanced Principles of Sociology

355. Sociology of Communication

161, 262, 363—Research in Special Sociological or Social Problems

660. Thesis

SPEECH-DRAMA

355. Dramatic Thinking—Advanced Acting

150. Speech Workshop

Note: A limited number of courses numbered in the 40s may carry graduate credit provided the student makes definite arrangements with the graduate school ahead of time

REGISTER OF GRADUATING CLASSES FOR SESSION OF 1943-44

The following had the degree specified conferred upon them:

CLASS OF MAY 31, 1943

BACHELOR OF DIVINITY

| | | | |
|-----------------------|------------|-----------------------|------------|
| Clayborne, Richard B. | Fort Worth | Wright, William Edwin | Fort Worth |
| Hocker, Charles Lamar | Fort Worth | | |

MASTER OF ARTS

| | | | |
|------------------------------|------------|---------------------------------|------------|
| Alexander, Mrs. Edna Brown | Fort Worth | Graves, Mrs. Marie | Fort Worth |
| Barber, Lucille Davenport | Fort Worth | McRoberts, Lucy Virginia | Fort Worth |
| Blevins, William LeRoy | Dallas | Miller, Myrtle McCracken | Fort Worth |
| Conklin, Dorothy Edwina | Fort Worth | Smith, Thelma Sue | Fort Worth |
| Dotson, Cecil G. | Dallas | Speece, Herbert | Rhome |
| Eiteman, Mrs. Marjorie Meyer | Fort Worth | Sullivan, Mrs. Margaret Collins | Fort Worth |
| Eskridge, Edwin L. | Milford | Tomlinson, Mrs. Mary Faires | Fort Worth |
| Eskridge, Lonis C. | Milford | Walker, Lillian | Fort Worth |
| Gilbow, Cora E. | Fort Worth | Weeks, Frances | Fort Worth |

DOCTOR OF DIVINITY, HONORARY

| | |
|------------------------|---------|
| Warren, Francis Marion | Abilene |
|------------------------|---------|

DOCTOR OF LAWS, HONORARY

| | | | |
|-----------------|-----------------------|----------------------|-----------|
| Paul, Alexander | Indianapolis, Indiana | Tomlinson, Thomas E. | Hillsboro |
| Rogers, Dan D. | Dallas | | |

BACHELOR OF ARTS

| | | | |
|-----------------------------|-----------------|---|-----------------------|
| Adair, Mrs. Eugene T. | Fort Worth | Isaacs, Richard S. | Gaylord, Michigan |
| Adams, Oliver Trotter | Panhandle | Jones, Mary Allene | Fort Worth |
| Adams, Saxe | Dothan, Ala. | Kennedy, Paul Brokaw | Little Rock, Arkansas |
| Armstrong, Doris Edleen | Fort Worth | Kiechle, Lucile Ann | Ballinger |
| Badgett, Mary Jean | Dallas | (In Absentia) (With Distinction, 2.725) | |
| Becker, Ted Eugene | Kaufman | Kissinger, Gayle | Fort Worth |
| Braun, Richard August | Syracuse, N. Y. | (With Distinction, 2.859) | |
| Brooks, Estelle Justus | Fort Worth | Lackland, Luise | Fort Worth |
| (With Distinction, 2.666) | | Latimer, Alice Juanita | Texarkana |
| Browder, Geraldine | Fort Worth | McInnis, George Ann | Llano |
| Cabbell, Sara Anne | Fort Worth | Maddalun, Daniel Anthony | Lorain, Ohio |
| (In Absentia) | | Mills, Marcia | Fort Worth |
| Carlson, Mary Alice Pier | Fort Worth | Moseley, Harrison Miller | Dundee |
| Cayce, Lois Jeane | Fort Worth | (With Distinction, 2.930) | |
| Chimento, John Joseph | Brooklyn, N. Y. | Moudy, James Mattox | Washington, D. C. |
| Cloughley, Diana Sabra | Graham | (With Distinction, 2.736) | |
| Coffey, Margaret Anne | Fort Worth | Nail, Elizabeth Josephine | Fort Worth |
| Denham, Clara Marie | Fort Worth | Norris, Georgia Lee | Washington, D. C. |
| Faris, Mary Charlotte | Fort Worth | Patterson, Elizabeth Nell | Fort Worth |
| Foster, Thomas Houston | Corpus Christi | Pike, Martin Edward, Jr. | Shreveport, La. |
| (With Distinction, 2.765) | | Puckett, Lois Lee | Fort Worth |
| Gilbert, Margaret Suzanne | Fort Worth | Pugh, Walter Graham | Fort Worth |
| Hagan, Marian Patrick | Fort Worth | Puryear, Jane Charlotte | Fort Worth |
| Hall, Shirley Lucile | Corpus Christi | Pyron, Margaret Helen | Borger |
| Harter, Clyde C., Jr. | Fort Worth | Richter, Lillie Mae | Fort Worth |
| Hiester, Nelross D'Lain | Eden | Roberson, Virginia Campbell | Fort Worth |
| Hopkins Billie Marie Warren | Fort Worth | Shaw, Mamie Louise | Fort Worth |
| Hudeck, Juanita Lee | Fort Worth | Sims, Dunlap Augustus | Paint Rock |
| (In Absentia) | | Sinex, Dorothy Helen | Fort Worth |
| | | (With Distinction, 3.000) | |

BACHELOR OF ARTS—Continued

| | | | |
|-------------------------------|------------------|-------------------------------|----------------|
| Slover, Alfred Drummond..... | Lufkin | Waddill, Mary Belle Hood..... | Fort Worth |
| (In Absentia) | | Wade, Beverley Byrd..... | Fort Worth |
| Smith, Audrey Nell..... | Goose Creek | Waechter, Jacob F..... | Buffalo, N. Y. |
| (With Distinction, 2.797) | | Ward, Jean Hayden..... | Fort Worth |
| Stevens, Lloyd Jefferson..... | Maplewood, N. J. | Webb, Elmo Sledd..... | Fort Worth |
| Tomme, Virginia Faye..... | Fort Worth | Yordanoff, Wanda Marie..... | Fort Worth |
| Troutt, Marcine..... | Fort Worth | | |

BACHELOR OF SCIENCE IN COMMERCE

| | | | |
|----------------------------------|---------------------|--------------------------------|-------------------|
| Boynnton, Jo..... | Paris | Moore, James Bideault..... | Fort Worth |
| (With Distinction, 2.603) | | Mooring, Scott Webber, Jr..... | Fort Worth |
| Brown, James David..... | Paris | Pattee, James Franklin..... | Dallas |
| (In Absentia) | | (In Absentia) | |
| Conway, Charles Stradley..... | Fort Worth | Rorex, Lucille..... | Fort Worth |
| Crudgington, Warren Pitts..... | Amarillo | Scott, Mary Ruth..... | Washington, D. C. |
| Faulk, Edith Faye..... | Fort Worth | Truitt, Richard Wolford..... | Fort Worth |
| Goode, William Boone..... | Fort Worth | Ward, Harry Eugene..... | Fort Worth |
| Jordan, Mary Evelyn..... | Mart | Ward, Mary Jo..... | Fort Worth |
| Kirkpatrick, Earl Carrell..... | Fort Worth | Weaver, Lloyd James..... | Fort Worth |
| Latham, Billie Marie..... | Port Arthur | Werner, Ellen Adora..... | Fort Worth |
| Longfellow, Pauline Haberer..... | Fort Worth | Whitley, Loyd George..... | Keller |
| McHenry, Robert H..... | Independence, Kans. | (With Distinction, 2.825) | |
| McKee, David..... | Fort Worth | Wright, Marjorie Ann..... | Houston |
| Monaghan, Aalton Doyle..... | Wichita Falls | | |

BACHELOR OF SCIENCE IN EDUCATION

| | | | |
|-------------------------------|------------|---|------------|
| Butterfield, Glynn Deen..... | Fort Worth | MacDonald, O. L..... | Arlington |
| (In Absentia) | | (In Absentia) | |
| Clark, Marjorie Chumbley..... | Fort Worth | Mitchell, Frances Helen..... | Fort Worth |
| Lidell, Sylvia..... | Fort Worth | Montgomery, Jean Harris..... | Sweetwater |
| (With Distinction, 2.781) | | Newquist, Mrs. Priscilla Pendleton..... | Fort Worth |
| Lutz, Louis..... | Fort Worth | Poole, Velma June..... | Houston |

BACHELOR OF SCIENCE IN HOME ECONOMICS

| | | | |
|-----------------------------|------------|------------------------------|---------------|
| Cagle, Nancy Elizabeth..... | Fort Worth | Duckworth, Roma Frances..... | Wichita Falls |
|-----------------------------|------------|------------------------------|---------------|

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

| | | | |
|-------------------------------|------------|-------------------------------|------------|
| Bagley, Gailian Dean..... | San Saba | Blackstone, Billy Dennis..... | Hearne |
| Baughman, Homer Lee, Jr..... | Fort Worth | (In Absentia) | |
| (In Absentia) | | Hassler, Herline Harris..... | Fort Worth |
| Beheler, Laura Florine..... | Fort Worth | Palmer, Derrell F..... | Fort Worth |
| Blackmon, William Gipson..... | Fort Worth | Rogers, Joe Hudnall..... | Henderson |
| | | (In Absentia) | |

BACHELOR OF SCIENCE

| | | | |
|---------------------------|------------|---------------------------|-----------------|
| Petta, George Howard..... | Fort Worth | Schneider, Genevieve..... | Ramah, Colorado |
| (In Absentia) | | | |

CLASS OF AUGUST 27, 1943

BACHELOR OF DIVINITY

| | | | |
|------------------------|------------|--------------------|----------|
| Dudley, Herbert G..... | Dallas | Hill, Eulis H..... | Cleburne |
| Frederick, Joe..... | Fort Worth | | |

MASTER OF ARTS

| | | | |
|---------------------------------|---------------|-------------------------------|---------------|
| Ashley, Bess Fern..... | Fort Worth | Marsh, Mrs. Irma..... | Fort Worth |
| Beetham, Marjorie Lucille..... | Mineral Wells | (In Absentia) | |
| Betts, Otsie..... | Fort Worth | Moore, Earl Wesley..... | Fort Worth |
| Blanton, Alta Beall..... | Fort Worth | Pritchard, Aubrey Herman..... | Mineral Wells |
| (In Absentia) | | Rogers, Caroline Louise..... | Fort Worth |
| Greene, Flossie..... | Fort Worth | Seymore, Mary Grace..... | Fort Worth |
| Grove, Charlotte Elizabeth..... | Fort Worth | Turpin, Mrs. Vesta..... | Millsap |
| Hill, James Lloyd..... | Weatherford | Wright, Elizabeth Ann..... | Fort Worth |

BACHELOR OF ARTS

| | | | |
|-----------------------------|-------------|-------------------------------|--------------------|
| Baker, Leslie H., Jr. | Fort Worth | (With Distinction, 2.486) | |
| Campbell, Joe Woodward..... | Fort Worth | Medearis, Dale W..... | Fort Worth |
| (In Absentia) | | (In Absentia) | |
| Campbell, Paul..... | Weatherford | Moore, Harriette Justine..... | Kilgore |
| (In Absentia) | | Morris, Conde..... | Fort Worth |
| Davis, Mrs. Rosemary..... | Fort Worth | (In Absentia) | |
| Dunlap, Devore..... | Fort Worth | Price, Oliver Watson..... | Chattanooga, Tenn. |
| Erby, Hazel LaRue..... | Fort Worth | Ridings, Ruth Annis..... | Fort Worth |
| Frasier, Virgel Onn..... | Uvalde | (With Distinction, 2.513) | |
| Freeman, John Clark..... | Fort Worth | Schell, James LeRoy..... | Fort Worth |
| (In Absentia) | | (In Absentia) | |
| Hall, William J..... | Midland | Seofield, Frank Russell..... | Fort Worth |
| Hilburn, Mrs. Elsie..... | Fort Worth | Wade, Lonye Marie..... | Fort Worth |
| Lewis, Mrs. Regina M..... | Fort Worth | | |

BACHELOR OF SCIENCE IN COMMERCE

| | | | |
|---------------------------|------------|--|------------|
| Biggins, Dan Richard..... | Fort Worth | Routh, Edward Charles, Jr..... | Fort Worth |
| Day, Kathryn Ree..... | Justin | (In Absentia) (With Distinction (2.600)) | |
| | | Tomlinson, Lambuth..... | Fort Worth |

BACHELOR OF SCIENCE IN EDUCATION

| | | | |
|---------------------------------|------------|------------------------------|---------------|
| Christian, Raymond Bernard..... | Fort Worth | Pickering, John E..... | Midland |
| Leito, James V., Jr..... | Fort Worth | (In Absentia) | |
| Payne, Mrs. Edith McCall..... | Fort Worth | Sheets, Dorothy Jane..... | Fort Worth |
| | | Winters, Mrs. Roe Marie..... | Mineral Wells |

BACHELOR OF SCIENCE IN HOME ECONOMICS

| | |
|----------------------------|------------|
| Short, Marjorie Earle..... | Fort Worth |
| (In Absentia) | |

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

| | | | |
|----------------------------------|-------|------------------------------|------------|
| Montgomery, William Beecher..... | Ozona | Webb, Mrs. Nancy Keller..... | Fort Worth |
| (In Absentia) | | | |

CLASS OF FEBRUARY 27, 1944

MASTER OF ARTS

| | | | |
|---------------------|-----------------|-----------------------------|------------|
| Adams, Eppie..... | Dothan, Alabama | Willis, Sallie Letitia..... | Fort Worth |
| Milliken, Lina..... | Fort Worth | | |

BACHELOR OF ARTS

| | | | |
|-------------------------------|------------------|---------------------------------|-------------|
| Arney, Arthur Joseph, Jr..... | Pine Bluff, Ark. | Churchill, Jessie Virginia..... | Fort Worth |
| (In Absentia) | | Culp, Lorna Jane..... | Gainesville |
| Bell, Bernice Evelyn..... | Grand Saline | (With Distinction, 2.491) | |
| Boney, Billie Jean..... | Bay City | Dacus, Melvin Ogle..... | Fort Worth |
| Burnham, Martha Lee..... | Longview | (In Absentia) | |

BACHELOR OF ARTS—Continued

| | | | |
|-------------------------------------|---|----------------------------------|---|
| Dellaney, Theodora Gail..... | Fort Worth | Price, Earl P., Jr..... | Fort Worth |
| Faris, Elizabeth Anne..... | Fort Worth | Rice, Ellen Ayers..... | Gordon |
| Gitlin, Emmanuel M..... | Detroit, Michigan | Roark, Jessie Lee..... | Saratoga |
| | (In Absentia) | Roberts, Caroline..... | Gainesville |
| Gorom, Edwin W..... | Fort Stockton | | (With Distinction, 2.725) |
| Gracey, Dorothy Jean..... | Fort Worth | Russell, Elaine Sweet..... | Fort Worth |
| Hancock, Peggie Blake..... | Mount Pleasant | Schmidt, Gerlyne Frances..... | Yoakum |
| Henderson, William Clinton, Jr..... | Waco | | (With Distinction, 2.450) |
| Horn, William Sullivan, Jr..... | Fort Worth | Slawson, Ira Eugene..... | Fort Worth |
| Kemp, Ned..... | Dallas | | (In Absentia) (With Distinction, 2.558) |
| | (In Absentia) | Stedman, William Preston..... | Fort Worth |
| McDowell, Carolyn..... | Dallas | | (In Absentia) |
| | (With Distinction, 2.496) | Waldron, Mary Louise..... | Fort Worth |
| Magoffin, Robert Louis..... | Fort Worth | Walling, Francis Joseph, Jr..... | Fort Worth |
| | (In Absentia) (With Distinction, 3.000) | | (In Absentia) |
| Marshall, Otto Franklin..... | Perry, Oklahoma | White, Ben Henson..... | Brady |
| Marshall, Sadie P..... | Fort Worth | Wilson, Robert Dunford..... | Fort Worth |
| Miller, Wilma Maude..... | Fort Worth | Wood, Ora Wayne..... | Nocona |
| Newsom, Vesta Lee..... | Fort Worth | Wright, Maidel Reta..... | Houston |
| Poll, Carl William, Jr..... | Fort Worth | Wright, Marnel Ruth..... | Houston |
| | (In Absentia) | Zihlman, Blanche Darter..... | Fort Worth |

BACHELOR OF SCIENCE IN COMMERCE

| | | | |
|-----------------------------------|--------------------|--------------------------|---------------|
| Ball, Ruth Ann..... | Dallas | | (In Absentia) |
| Ballinger, Max R..... | Henderson | Hill, Elizabeth Ann..... | Fort Worth |
| | (In Absentia) | Lavender, Elbert W..... | Lubbock |
| Campbell, Martha Frances..... | Canyon | | (In Absentia) |
| Hamilton, George Morgan, Jr..... | Fort Worth | Moore, Merle Joan..... | Electra |
| | (In Absentia) | Morse, Rosemary..... | Fort Worth |
| Harrison, Thomas Clifton, Jr..... | Sacramento, Calif. | Sandefur, Sara Mae..... | Fort Worth |

BACHELOR OF SCIENCE IN EDUCATION

| | | | |
|--------------------------------|---------------|------------------------------|---------------|
| Able, Genevieve..... | Houston | Ezell, Dee Earl..... | Wink |
| | (In Absentia) | | (In Absentia) |
| Anderson, Janet Elizabeth..... | Fort Worth | Fletcher, Georgia Mae..... | Fort Worth |
| | (In Absentia) | Hightower, Anne Hutton..... | Fort Worth |
| Day, Eleen..... | Justin | Morrison, Jean..... | Dallas |
| Eaton, Halley May..... | Crowell | Northcut, Laura Maurice..... | Fort Worth |
| | | Wearing, Emma Belle..... | Fort Worth |

BACHELOR OF SCIENCE

| | | | |
|-----------------------------|------------|-----------------------------|---------------|
| Call, Hobert Amory..... | Fort Worth | Needham, Perry Quentin..... | Fort Worth |
| Evans, Alden McChesney..... | Fort Worth | | (In Absentia) |

ALPHA CHI NATIONAL SCHOLARSHIP SOCIETY

(The one-tenth of the graduating class whose grades are highest, based on all work, including at least sixty semester hours in T. C. U., are eligible to the honor of permanent membership in the Alpha Chi Scholarship Society, the successor to the Scholarship Society of the South. The type of work pursued is also taken into consideration.)

FROM THE MAY CLASS

| | | | |
|-------------------------------|-------|-----------------------------|-------|
| Sinex, Dorothy Helen..... | 3.000 | Foster, Thomas Houston..... | 2.765 |
| Moseley, Harrison Miller..... | 2.930 | Moudy, James Maddox..... | 2.736 |
| Kissinger, Emma Gayle..... | 2.859 | Kiechle, Lucile Ann..... | 2.725 |
| Whitley, Loyd George..... | 2.825 | Brooks, Mrs. Estelle J..... | 2.666 |
| Smith, Audrey Nell..... | 2.797 | Boynton, Josephine..... | 2.603 |
| Lidell, Sylvia..... | 2.781 | | |

FROM THE AUGUST CLASS

| | | | |
|---------------------------------|-------|---------------------------|-------|
| Routh, Edward Charles, Jr. | 2.600 | Ridings, Ruth Annis | 2.513 |
| Lewis, Mrs. Regina M. | 2.486 | | |

FROM THE FEBRUARY CLASS

| | | | |
|------------------------------|-------|--------------------------------|-------|
| Magoffin, Robert Louis | 3.000 | McDowell, Carolyn | 2.496 |
| Roberts, Caroline | 2.725 | Culp, Lorna Jane | 2.491 |
| Slawson, Ira Eugene | 2.558 | Schmidt, Gerlyne Frances | 2.450 |

ENROLLMENT OF ENTIRE STUDENT BODY FOR 1943-44

Latest re-classification was made after the winter trimester registration was completed in November, 1943.

Key to Symbols

- e—Evening College.
- s—Summer.
- f—Fall
- w—Winter
- sp—Spring.
- p—Pre-college (only in Fine Arts).
- n—Not working toward a graduate degree, called "post graduate."

GRADUATES

| | | | |
|------------------------------------|-------------------|---------------------------------|--------------------|
| Adams, Bertie E., e | Fort Worth | Driskill, Bayne Evans, s-f-w-sp | Fort Worth |
| Adams, Eppie e | Fort Worth | Dudley, Herbert G., s | Dallas |
| Adams, Saxe, s | Dothan, Ala. | Duff, N. Pauline, e | Fort Worth |
| Aldrich, C. Knight, e-n | Fort Worth | Dunklin, Don Duane, e-n | Fort Worth |
| Alford, Frantz Grove, f-w-sp | Fort Worth | Dykes, Weems S., f-w-sp | Mineola |
| Anderson, Helen N., e-n | Fort Worth | East, Margaret Sue, e-n | Fort Worth |
| Apple, Willis, e | Aledo | Edwards, Hugh L., e | Fort Worth |
| Archer, Mabel Jo, s | Granbury | Elliott, Jean, s | Corpus Christi |
| Arnold, Irene Marie, e-n | Fort Worth | Ernest, Edwin Julian, e-n | Fort Worth |
| Ashley, Bessie Fern, s | Cleburne | Etier, Faborn, e | Weatherford |
| Austin, Willie C., e | Fort Worth | Evans, John Willis, e | Fort Worth |
| Baker, Hugh Ross, f-w-sp | Beaumont | Foust, J. M., e-n | Fort Worth |
| Banowsky, Wade I, e | Mineral Wells | Fraser, George Duncan, e-n | Omaha, Nebr. |
| Bates, Rema Lane, e-n | Fort Worth | Galbreath, Woodrow W., e | Joshua |
| Beetham, Marjorie Lucille, s | Mineral Wells | Gentry, Lewis Sloan, s-f | Fort Worth |
| Bender, Paul Garland, sp | Allen | Gilmore, Arthur Warham, e-n | Fort Worth |
| Billingsley, Mrs. Helen M., e-n | Fort Worth | Gittings, Clark Rantschler, e-n | Denver, Colo. |
| Black, Reka Lois, w-sp | Carlsbad, N. Mex. | Gleason, Chester, f-w | Fort Worth |
| Blanks, Margaret Alice, e-n | Fort Worth | Green, Flossie, s | Fort Worth |
| Blanton, Alta Beall, s | Fort Worth | Green, Lottie Rae, e-n | Fort Worth |
| Bowman, Clara Marjorie, e-n | Fort Worth | Greene, Flossie, s | Fort Worth |
| Bradford, Margaret, e | Fort Worth | Griffith, Mrs. Blanche H., e | Fort Worth |
| Bradley, Mrs. Elizabeth Leach, e-n | Fort Worth | Grove, Charlotte Elizabeth, s | Dallas |
| Brooks, Betty Idell, e | Fort Worth | Guthrie, Nell, e-n | Mullin |
| Brooks, Estelle Justus, e | Fort Worth | Haddaway, Elizabeth, e-n | Fort Worth |
| Browning, Walter Acker, e-n | Dallas | Haley, Charles Gabriel, e-n | Fort Worth |
| Campbell, Paul, s-f-w-sp | Weatherford | Hall, Bitia May, e-n | Fort Worth |
| Carpenter, Lendell Odell, e-n | Leonard | Harris, Lucy, e-n | Fort Worth |
| Cary, Iva, s-n | Fort Worth | Hassler, Helrine Harris, s | Fort Worth |
| Chapman, Homer, Jr., e-n | Abilene | Hill, James Lloyd, s | Old Glory |
| Chilton, Hugh George, Jr., e-n | Fort Worth | Holt, Claire Hardin, e | Fort Worth |
| Clark, Otis, e-n | Fort Worth | Holt, Roy D., w-sp | Quanah |
| Clinkscales, Louise Street, s | Tyler | Hopper, Robert Ross, e-n | Jacksonville, Ill. |
| Collard, Norma, e-n | Fort Worth | Jenness, Thomas N., Jr., e-n | Fort Worth |
| Collins, M. E., e | Fort Worth | Jipp, Raymond Herman, e-n | Fort Worth |
| Cook, Mary Evelyn, e-n | Fort Worth | Johnson, Mildred C., s | Fort Worth |
| Creasey, Mrs. Wilson W., s-n | Fort Worth | Johnston, Lois Louise, e-n | Fort Worth |
| Crouch, Dorothy Elizabeth, e-n | Fort Worth | Keeble, Millicent, e-n | Fort Worth |
| Crowder, Lillian F., s-f-w-n | Fort Worth | Kinley, Daniel Dalton, e | Fort Worth |
| Cruzan, Charles Grant, e-n | Fort Worth | Kinley, Kathleen, e-n | Fort Worth |
| Daiches, Jerome Bernard, f-n | Fort Worth | Kunkel, Robert F., e-n | Fort Worth |
| Darnall, Clifton Dennis, e-n | Pueblo, Colo. | Lane, Mrs. Sherman, s-f-w-sp | Weatherford |
| De Wees, W. O., Jr., e-n | Fort Worth | Lea, Carol Beth, e-n | Fort Worth |
| Dickenson, S. V., e | Godley | Leach, F. C., Jr., e | Fort Worth |
| Dill, Rea C., e | Fort Worth | Leavitt, Mrs. Mabel Mary, e-n | Fort Worth |
| Dorsey, Lt. John Nelson, e-n | Fort Worth | Lee, Mrs. Helen, e | Fort Worth |

GRADUATES—Continued

| | | | |
|-----------------------------------|----------------|---------------------------------|------------------|
| Lee, Mrs. Marion, s-f | Brownsville | Rosenthal, Arthur, e-n | Fort Worth |
| Lewis, Leon D., e | Midlothian | Salley, Homer Ellison, s-f-w-sp | Fort Worth |
| Lilly, John Charles, e | Fort Worth | Sanders, Blakeney H., e | Fort Worth |
| Lindley, Mrs. Maybon M., w-sp-n | Fort Worth | Saville, John William, e-n | Dallas |
| Lorenzen, Bernhardt Robert, e-n | Fort Worth | Seymore, Mary Grace, s | Fort Worth |
| Lozo, Frank Edgar, Jr., e-n | Fort Worth | Sherley, Jack, f-w-sp | Grand Prairie |
| Lutz, Louis, s | Fort Worth | Shook, Frances, w | Gordon |
| Lynch, Alan, w-sp | Lancaster | Short, Marjorie Earle, e | Fort Worth |
| McCombs, L. L., e | Fort Worth | Silver, Helen, sp-n | Fort Worth |
| McGee, Bernice Caroline, e | Fort Worth | Simon, Morton Leon, e-n | Fort Worth |
| McKown, Orville Georǵe, e | Hillsboro | Sinex, Dorothy Helen, e-n | Fort Worth |
| McLeod, Clara Mae, e-n | Fort Worth | Siros, Hal, s-f-w-sp | Texarkana, Texas |
| Maddalun, Daniel, s-f-w-sp | Lorain, Ohio | Sloman, Janette S., e-n | Fort Worth |
| Malmberg, Myrtle Etta, e-n | Fort Worth | Smith, Mrs. Garie M., e | Fort Worth |
| Malotte, Charles Arthur, s-f-w-sp | Cardin, Okla. | Smith, Jane Nicholson, e | Fort Worth |
| Marsh, Mrs. Irma, s | Fort Worth | Stanley, Mrs. Myrtle, s | Fort Worth |
| Martin, Othol, e | Jacksboro | Stark, Mitchell, e | Tyler |
| Masters, David Marshall, s-f-w-sp | Fort Worth | Stewart, Anita Jane, e-n | Fort Worth |
| Maxey, Mrs. R. A., s-w-sp | Fort Worth | Stuart, Alpha Mell, w-sp | Fort Worth |
| May, Chester, f-n | Fort Worth | Tarlton, Janet, e | Fort Worth |
| Medearis, Dale, s-f-w-sp | Fort Worth | Tatsch, Rudolph, f-w-sp | Fort Worth |
| Merk, Ernest Edward, e-n | Fort Worth | Terry, Nina, e | Fort Worth |
| Meyer, Dallas K., e-n | Fort Worth | Thomas, Clifford B., f-w-sp | Pittsburgh, Pa. |
| Milliken, Lina, e | Fort Worth | Thompson, Lillie Ruth, e | Fort Worth |
| Mitchell, Eileen, e | Fort Worth | Thompson, Sara V., s-n | Fort Worth |
| Monroe, Orie Dexter, e-n | Fort Worth | Thompson, Vera Elizabeth, s | Bowie |
| Moore, Earl Wesley | Fort Worth | Thraash, Floyd W., e | Fort Worth |
| Moore, Mrs. Phelma N., e-n | Fort Worth | Tipton, Mrs. Anna Belle, s | Fort Worth |
| Moses, Elsie, s | Fort Worth | Troutt, Marcine, e-n | Fort Worth |
| Myers, Edna Ina, e | Fort Worth | Turner, Ensign C. L., e | Fort Worth |
| Nichols, Clyde E., w-sp | Van Alstyne | Turner, Jessie Lou, e | Fort Worth |
| Noffsinger, Roger, f-sp-n | Defiance, Ohio | Turpin, Celeste Ann, e | Fort Worth |
| Noyes, Mrs. Maybell, s | Fort Worth | Turpin, Marion C., f | Allen |
| Odum, Ella Katherine, e | Fort Worth | Turpin, Mrs. Vesta, s | Millsap |
| Officer, Katherine, e | Fort Worth | Van Zandt, Ruth Champlin, e-n | Fort Worth |
| Owen, Inez Hancock, e-n | Fort Worth | Varn, Mattie Stephens, e | Fort Worth |
| Padgett, Mrs. Lou Ella, e-n | Fort Worth | Vogt, Ernest Lee, Jr., e-n | Fort Worth |
| Pardee, Chester Merle, e-n | Meadville, Pa. | Waddill, Mary Belle Hood, e-n | Fort Worth |
| Parish, William S., Jr., s-f-w-sp | Fort Worth | Walker, Lillian, e-n | Fort Worth |
| Parker, Mrs. G. W., s-f-n | Fort Worth | Walker, NaDeane, e-n | Fort Worth |
| Parker, Wallis Prescott, e-n | Fort Worth | Walker, William P., e | Fort Worth |
| Perkins, Cy, e | Mineral Wells | Walters, Ruth, e-n | Fort Worth |
| Perryman, Johnie Frank, e | Fort Worth | Waltman, William DeWitt, e-n | Fort Worth |
| Phillips, Raymond, s-f | Fort Worth | Walvoord, John F., e | Fort Worth |
| Pickens, Frankie, e | Fort Worth | Weaver, Don E., e-n | Fort Worth |
| Porter, Elsie, s-n | Spearmen | Westbrook, Sampson M., e-n | Fort Worth |
| Poss, Lenton Lawrence, f-w | Fort Worth | Westbrook, Thelma D., e-n | Fort Worth |
| Powell, Ruth B., e-n | Fort Worth | Wheeler, Elsie Bernice, sp-n | Fort Worth |
| Pritchard, Aubrey H., s | Mineral Wells | Wheeler, Nadine Merah, e | Fort Worth |
| Pugh, Graham, s-f-w-sp | Fort Worth | White, Stella, e | Fort Worth |
| Ransdell, May Della, e | Fort Worth | Whitehurst, Jack, e-n | Fort Worth |
| Reeves, John Henderson, w-sp | Dallas | Wiedeman, Gertrude, s | Hufsmith |
| Reid, William (Miss), e-n | Fort Worth | Wier, Mrs. Maxine, s-n | Fort Worth |
| Richardson, Mrs. T. F., sp-n | Fort Worth | Wilkerson, Ruth, e-n | Fort Worth |
| Ridings, Ruth, e | Fort Worth | Wright, Elizabeth Ann, s | Fort Worth |
| Rogers, Caroline Louise, s | Fort Worth | Wright, Pauline, w | Fort Worth |
| Rogers, Marylouise, e-n | Fort Worth | Yantis, Helena, e | Fort Worth |
| Rorex, Lucille, e | Fort Worth | Zarafonetis, John C., w-sp | Freeport |

SENIORS

| | | | |
|------------------------------------|--------------------|-----------------------------------|--------------------|
| Abernathy, Jewell Ernest, e | McKinney | Denby, Frank Hunter, e | Fort Worth |
| Able, Genevieve, s-f-w | Houston | Dunlap, Devore, s | Fort Worth |
| Aldrich, Julie Honore, e | Fort Worth | Dunning, W. R., e | Fort Worth |
| Allen, Lloyd J., s-f-w-sp | Fort Worth | Dyer, Norman Douglas, s | Commerce |
| Allen, Martha Colleen, sp | Fort Worth | Eaton, Halley May, s-f-w | Crowell |
| Anderson, Janet E., s-f-w | Fort Worth | Ellis, Joseph Kirby, Jr., s-f | Fort Worth |
| Armstrong, Alta Lee, e | Abilene | Engler, Joseph Irvin, s-f-w | Fort Worth |
| Ayers, Elmer Viven, e | Couger, Wash. | Epperson, Elizabeth, s-f-w | Fort Worth |
| Baker, Bettye Flo, s-f-w-sp | Justin | Erby, Hazel LaRue, s | Fort Worth |
| Baker, Leslie Heite, Jr., s-f | Fort Worth | Evans, Robert Wallace, sp | Long Beach, Calif. |
| Ball, Ruth Ann, s-f-w | Dallas | Ezell, Don, s | Wink |
| Ballenger, Roise Max, s-f | Henderson | Fairbrook, James P., s-f-w-sp | Yakima, Wash. |
| Barker, Aaron T., s-f-w | Selman City | Faris, Anne, s-f-w | Fort Worth |
| Barnette, Ralph Moser, Jr., s-f | Dallas | Farmer, J. W., Jr., s-f | Longview |
| Bell, Bernice, s-f-w | Grand Saline | Fitch, Mrs. Rebecca, s-f-w | Fort Worth |
| Bennett, Robert Henley, w | Fort Worth | Fletcher, Georgia Mae, e | Hazlehurst, Miss. |
| Benton, Frank Bryant, s-f | Dallas | Foltz, Clyde Duane, s-f-w-sp | Yakima, Wash. |
| Biggins, Dan, s | Fort Worth | Frasier, Virgel, s | Aransas Pass |
| Blair, James Floyd, e | Frederick, Okla. | Fulkerson, Addie Ruth, s-f-w | Lamesa |
| Bollman, James Franklin, s-f | Dallas | Gant, Emma P., e | Fort Worth |
| Boman, Kenneth Harold, s-f | Vernon | Gardner, Harry Eugene, s-f | Waco |
| Boney, Billie Jean, s-f-w | Bay City | Gibson, James J., s | Paducah |
| Boynton, Eugene, s-f-w | Orange | Gideon, Leroy, sp | Mineral Wells |
| Brackbill, Charles, f-w-sp | Roslyn, Pa. | Gipson, Jack Charles, s-f-w-sp | Fort Worth |
| Broyles, Lynwood F., s-f-w-sp | Fort Worth | Gitlin, Emmanuel, s-f-w | Detroit, Mich. |
| Brundage, Maxine, s | Fort Worth | Gleason, Mrs. Mary Dee, s-f-w | Fort Worth |
| Burditt, Tom Connolly, s-f-w | Abilene | Gorom, Edwin Wm., s-f-w-sp | Fort Stockton |
| Byrom, Henry Harbin, e | Fort Worth | Gracey, Dorothy Jean, s-f-w | Fort Worth |
| Burnham, Martha, s-f-w | Longview | Gray, Winnie Jewell, s-f | Cleburn |
| Call, Hobert A., s-f | Fort Worth | Groos, Gaston, Jr., s-f-w | Galveston |
| Candler, Lillian, w-sp | Des Moines, Iowa | Hale, Billy B., s | Amarillo |
| Campbell, Joseph Edward, sp | Tyler | Hall, Broyles, s-f | Wichita Falls |
| Campbell, Martha Frances, s-f | Canyon | Hall, William J., s-f-w-sp | Midland |
| Carlson, John Eric, s-f | St. Louis, Mo. | Hancock, Peggie, s-f-w | Mt. Pleasant |
| Carpenter, James R., s-f | Fort Worth | Hanna, Fred S., s-f-w | Altus, Okla. |
| Christian, Raymond B., s | San Jose, Calif. | Hardie, Richard B., s-f-w | Dallas |
| Chronister, ("Zeke") Floyd, f-w-sp | Coffeyville, Kans. | Harrell, John Alfred, s-f | Lindsay |
| Churchill, Virginia, s-f-w | Fort Worth | Harris, Barzella Curlee, e | Fort Worth |
| Cleveland, Mrs. Eltha, w-sp | Fort Worth | Harris, Mrs. Lucy A., e | Fort Worth |
| Coleman, Charles Stafford | Mineola | Harris, Lucy Anne, s | Fort Worth |
| Colson, Mayme, e | Arlington | Harris, Sammie Joe, s-f | Whitney, Nevada |
| Conley, Janice Elizabeth, s-f-w-sp | Fort Worth | Hartung, Dorothy Ann, e | Fort Worth |
| Cooke, William Paul, sp | Columbus, Ohio | Harwood, Mary Louise, s-f-w-sp | Fort Worth |
| Corbett, Margaret Lee, s-f-w-sp | Lufkin | Hearon, Mary Louise, e | Fort Worth |
| Couch, John Taylor, e | Fort Worth | Heller, James John, w-sp | Drexel Hill, Pa. |
| Crandall, Virginia F., w-sp | Fort Worth | Henderson, Clinton, s-f-w-sp | Waco |
| Cullers, Cleve Allen, s-f | Bryson | Herrington, Catherine, e | Fort Worth |
| Culp, Lorna, s-f-w | Gainesville | Hightower, Mrs. Anne Hutton, f-w | Fort Worth |
| Culwell, Don A., s-f | Dallas | Hilburn, Elsie, e | Fort Worth |
| Cunningham, Roy R., e | Fort Worth | Hill, J. Calvin, w-sp | Fort Worth |
| Cyrus, Thomas Stratton, s-f | Fort Worth | Hill, Elizabeth Ann, s-f-w | Fort Worth |
| Daffron, Robert E., e | Fort Worth | Hill, Joe Ed., s-f | Eldorado |
| Dailey, Charles A., III, s-f | Dallas | Holley, Frances, s-f-w | Van Horn |
| Daugherty, Glen Ray, s-f | Seymour | Holliday, Charles B., w-sp | Greenville, S. C. |
| Davidson, Dunkin, s-f-w | Fort Worth | Holsapple, Cortell, Jr., s-f-w-sp | Fort Worth |
| Davis, Mrs. Rosemary Willeford, s | Fort Worth | Holsapple, Mrs. C. K., e | Fort Worth |
| Day, Jerome Eleen, s-f-w | Justin | Horn, William S., s-f-w | Fort Worth |
| Day, Kathryn Ree, s | Justin | Howell, Clifford Louis, s-f | Ballinger |
| Delleney, Teddy, s-f-w | Fort Worth | Howland, Allan O., f-w-sp | Cranston, R. I. |
| | | Huey, Fay Burns, s-f | Denton |

SENIORS—Continued

| | | | |
|------------------------------------|-----------------------|---------------------------------|--------------------|
| Hunnicut, Jary Jack, w-sp | Fort Worth | Porterfield, Eltinge, w-sp | Fort Worth |
| Hurse, James Edward, s-f | Commerce | Price, Earl, s-f-w | Fort Worth |
| James, J. H. (Jack), s-f | Smithville | Price, Oliver Watson, s | Chattanooga, Tenn. |
| Jarvis, Claudine Laverne, s-f-w-sp | Fort Worth | Rankin, Faye Mozelle, s-f-w-sp | Fort Worth |
| Jefferies, Pauline, e | Fort Worth | Reiter, Ruth, s-f-w-sp | Fort Worth |
| Johnson, Mrs. Perry Guess, w-sp | Fort Worth | Rhoades, James H., s-f-w-sp | Fort Worth |
| Keller, Samuel Neumegen, s-f | Odessa | Rice, Ellen Ayres, f-w | Gordon |
| Kemp, Ned, s-f-w | Fort Worth | Roark, Jessie Lee, s-f-w | Saratoga |
| Lancaster, John William, s-f-w | Dallas | Roberts, Betty Lee, e | Fort Worth |
| Leigh, Hazel, s-f-w-sp | Fort Worth | Roberts, Caroline, w | Gainesville |
| Leito, James Vincent, s | Fort Worth | Roberts, Margaret Caroline, s-f | Gainesville |
| Lesser, Theresa, s | Fort Worth | Robertson, Monroe Wayne, s-f | Dallas |
| Lewis, Regina Maria, s | Fort Worth | Robinson, Claude Wendell, s-f | Roswell, N. M. |
| Lincoln, Frances Lucille, s-f-w-sp | Texarkana | Rogers, Verne Ray, s-f-w | San Antonio |
| Lindemann, Oscar C., s-f | Bartlett | Russell, Elaine, s-f-w | Fort Worth |
| Lindman, Pauline, s | Fort Worth | Rutherford, Wilma, sp | Fort Worth |
| Luxa, Margie Mae, f-w-sp | Fort Worth | Saad, Jack Dare, e | Seattle, Wash. |
| McClendon, Mary Helen, f-w-sp | Fort Worth | Salley, Ruby Turcotte, s-f-w-sp | Fort Worth |
| McCulloh, Wanda, s-f-w-sp | Galveston | Sandefer, Sara Mae, s-f-w | Fort Worth |
| McDowell, Carolyn, s-f-w | Dallas | Sanders, Robert Lee, s-f | Anson |
| McDougall, Lois Mary, e | Fort Worth | Sandlin, Mrs. Ned H., w | Fort Worth |
| McElhaney, Roy Clayton, s-f | San Angelo | Scarborough, Billy Hugh, s | Fort Worth |
| McIver, Weldon T., s-f-w | Fort Worth | Schmidt, Gerlyne, s-f-w | Yoakum |
| McMahon, Marjorie J., e | Fort Worth | Scofield, Frank, s | Fort Worth |
| McNallen, Ada Cecelia, s | Breckenridge | Seals, John Raymond, e | Fort Worth |
| Magoffin, Robert Louis, s-f | Fort Worth | Shaw, Pauline V., s-f | Marshall, Mo. |
| Marcia, John, e | Fort Worth | Sheets, Dorothy Jane, s | Fort Worth |
| Marshall, Otto Franklin, s-f | Fort Worth | Shields, Wilhelmina, e | Fort Worth |
| Marshall, Sadie Pearl, e | Fort Worth | Simpson, Betty, sp | Jacksboro |
| Massey, Mary Anne, s-f-w-sp | Fort Worth | Slawson, Ira Eugene, s-f-w | Fort Worth |
| Medanich, Frank, s-f-w-sp | Pecos | Smith, Clarence Benjamin, s-f | Morton |
| Middleton, Maxine, f-w-sp | Fort Worth | Snowden, Claude, s-f-w-sp | Elgin |
| Miller, Mary Marie, s-f-w-sp | Fort Worth | Snyder, Pauline, s-f-w | Glenn Rose |
| Miller, Richard, f-w-sp | York, Pa. | Sodd, William, e | Fort Worth |
| Miller, Wilma, s-f-w-sp | Fort Worth | Scsabee, James, f-w-sp | East Point Ga. |
| Moller, Robert Fox, s-f | Hood River, Oregon | Spalding, Louise F. B., sp | Fort Worth |
| Montgomery, John Erwin, e | Fort Worth | Sparger, C. F., s-f-w | Fort Worth |
| Montgomery, William Beecher, s | Ozona | Standefer, Harold Ross, s-f | Commerce |
| Moore, Harriet Justine, s | Kilgore | Stearns, Frances, s-f-w-sp | Matador |
| Moore, Joan, s-f-w | Electra | Stedman, Wm. Preston, s | Fort Worth |
| Moore, John Arthur, e | Fort Worth | Stell, Albert L., Jr., s-f-w | Anson |
| Moore, Margaret Ellen, f | Fort Worth | Stilley, Norma Jean, f-w-sp | Fort Worth |
| Mooser, William Louis, s-f-w | San Francisco, Calif. | Storm, Robert C., e | Fort Worth |
| Morgan, Edith, s-f-w-sp | Fort Worth | Straiton, Nellie, e | Fort Worth |
| Morrison, Jean, s-f-w | Dallas | Stuart, George, s-f-w-sp | Fort Worth |
| Morse, Rosemary, s-f-w | Fort Worth | Suggett, Betty, s | Fort Worth |
| Newsom, Vesta Lee, s-f-w | Fort Worth | Swann, Benjamin, sp | Butler, Ala. |
| Nolen, William Lawrence, Jr., s-f | McAllen | Switzer, Betty, s-f-w-sp | Fort Worth |
| Northcut, Laura M., s-f-w | Fort Worth | Talbot, Mary Lu, e | Fort Worth |
| Nuss, William Frank, Jr., s-f | Fort Worth | Thurmon, Clarence Edward, s-f | Dallas |
| Oviatt, Robert Maclean, s-f | Dallas | Tillett, Wilbur C., s-f | Chicago, Ill. |
| Payne, Donald Berry, s-f-w-sp | Chehalis, Wash. | Tix, Munson Henry, e | Fort Worth |
| Payne, Mrs. Edith, s | Fort Worth | Towles, George, Jr., s | Dallas |
| Penn, Washington K. III, s-f | McKinney | Tullos, Charles Doty, s-f | Beaumont |
| Pickering, Jimmy Luther, s-f-w-sp | Midland | Van Tassel, Mrs. Ruth, s-f-w-sp | Fort Worth |
| Pickering, Johnny, f-w-sp | Midland | Wade, Lonye Marie, s | Fort Worth |
| Poll, Carl, w | Fort Worth | Waldron, Mary Louise, s-f-w | Fort Worth |
| Pope, Betty Lucile, s-f-w-sp | Abilene | Walling, Frank Joseph, s-f | Fort Worth |
| Porter, Fred B., w | Fort Worth | Wallis, Nell Ruth, e | Fort Worth |
| | | Ward, Della Elaine, s-f-w-sp | Fort Worth |

SENIORS—Continued

| | | | |
|-----------------------------------|------------------|-------------------------------|---------------|
| Ware, C. T., Jr., e | Fort Worth | Wilmeth, Jack M., s-f | Houston |
| Wearing, Mrs. Emma Belle, s-f-w | Fort Worth | Wilson, Mary Violet, s-f-w-sp | Fort Worth |
| Webb, Mrs. Nancy Keller, s | Fort Worth | Wilson, Robert Dunford, sf | Breckenridge |
| Wells, Thomas E., s-f | Detroit, Mich. | Winters, Mrs. Rose Marie, s | Mineral Wells |
| Westapher, Clarence Van, s-f-w-sp | Fort Worth | Witte, Bill, s-f | Dallas |
| White, Ben, s-f-w | Brady | Wonders, Paul, e | Fort Worth |
| Whited, Frances Ann, e | Fort Worth | Wood, Ora Wayne, s-f-w | Nocona |
| Whitlock, Florence G., e | Fort Worth | Wright, Maidel Reta, s-f-w | Houston |
| Wick, Joseph, s-f-w-sp | Washington, Ind. | Wright, Marnel Ruth, s-f-w | Houston |
| Wiley, James Douglas, s | Fort Worth | Zeleskey, Ralph Maynard, s-f | Dallas |
| Williams, Donald Earl, s-f | Italy | Zihlman, Blanche D., s-f-w | Fort Worth |
| Williamson, Alma, s | Eastland | | |

JUNIORS

| | | | |
|-------------------------------------|----------------|-----------------------------------|------------------|
| Adkins, John Franklin, s-f-w | Fort Worth | Bush, Joyce Annette, s-f-w-sp | McKinney |
| Allred, John Caldwell, s-f-w-sp | Fort Worth | Cain, Gladys Ruth, s-f-w-sp | Fort Worth |
| Amis, Margaret Brooks, e | Fort Worth | Callarman, Euna Faye, e | Fort Worth |
| Anderson, Helen Marie, s-f-w-sp | Fort Worth | Cameron, Jerald Day, s-f | Commerce |
| Armstrong, Frances J., s-f-w-sp | San Angelo | Camp, Ray McKellar, Jr., e | Fort Worth |
| Armstrong, Frank Lindsay, s-f | Paris | Cargill, Wm. Lonnie, s-f-w | Dallas |
| Askew, Edna Reath, e | Fort Worth | Carlock, Fred W., f-w-sp | Fort Worth |
| Aucoin, Cassie Grace, s-f-w-sp | Fort Worth | Carpenter, Maude, s | Fort Worth |
| Backer, Betsy Jean, e | Fort Worth | Cason, Charles Everett, s-f-w | Fort Worth |
| Bale, Evelyn Clara, e | Fort Worth | Chandler, Joy Lee, s-f-w-sp | Fort Worth |
| Barham, Ann Jordan, f-w-sp | Fort Worth | Chumbley, Bobbie Ruth, s-f-w | Fort Worth |
| Barker, Alvin Franklin, w-sp | Fort Worth | Clark, James Bennett, s-f-w | Shamrock |
| Barlow, Edgar Clifford, s-f-w-sp | Fort Worth | Clark, Miriam Claire, s-f-w-sp | Houston |
| Baugh, Marvin Hamilton, e | Fort Worth | Cogdell, David Martin, Jr., s-f-w | Snyder |
| Bean, Betty, s | Fort Worth | Cole, Mary Jane, s-f-w-sp | Electra |
| Beavers, Richard Andrews, s-f-w | Hillsboro | Collette, Tony, Jr., s-f-w | Dallas |
| Beckham, Betty, f-w | Dallas | Collins, Georgia Ellen, s-f-w-sp | Lufkin |
| Bell, Gordon, s-f-w | Vinton, La. | Connell, Zenobia, e | Fort Worth |
| Bell, Wm. Sterling, s-f-w | Austin | Conner, George Manion Jr., w-sp | Fort Worth |
| Bender, Ivo Maxine, sp | Panhandle | Connor, Mayme E., s-f-w-sp | Fort Worth |
| Bendetti, Louise Ozell, e | Fort Worth | Cook, Vannie, w-sp | McAllen |
| Bernten, George Goss, e | Boulder, Colo. | Cornelius, Edwin, s-f-w-sp | Sacramento, Cal. |
| Berry, Beverly Maxine, s-f-w-sp | Fort Worth | Covey, Latellya Bess, s-f-w-sp | Fort Worth |
| Bevil, Vida Etoile, sp | Kountze | Cox, Dena Lou, w-sp | Comanche |
| Biser, Sue, s-f-w-sp | Beaumont | Crites, Ewell Barnett, e | Fort Worth |
| Blackburn, George W., s-f-w | Daingerfield | Crow, James Frank, f-w-sp | Bonham |
| Blackwell, Robert J., w-sp | Friona | Crow, Jessie Marie, e | Fort Worth |
| Blake, Anne Lee, s-f | Arlington | Croxdale, Nancy Ozee, e | Fort Worth |
| Blalock, Mary A., s-f | Fort Worth | Curl, James L., s-f-w | San Antonio |
| Bloom, Roy, w | Chicago, Ill. | Curry, Jeanne, s-f-w-sp | Ennis |
| Blunk, J. B., s-f-w-sp | Eastland | Cypert, Walter Richard, s-f | Hamlin |
| Bonner, John Gilliam, s-f-w-sp | Gainesville | Daily, Rebecca, e | Fort Worth |
| Bradner, Mrs. Lenore Crane, e | Fort Worth | Dameron, June Gregg, f-w-sp | Hereford |
| Bralley, Maurice White, Jr., s-f-w | Austin | Danner, Leon A., e | Fort Worth |
| Breeden, Harold Leon, sp | Wichita Falls | Davenport, Ernest Wm., e | Acworth, Ga. |
| Brooks, Ben Starling, e | Grapevine | Davidson, Dick, s-f-w | Bertram |
| Brown, Mrs. Baylor B., e | Fort Worth | Davis, E. R., s-f-w-sp | Lubbock |
| Brown, Everett Garrabrant, s-f-w-sp | Dallas | Davis, Molly Anne, s | Fort Worth |
| Brown, James Harvey, s-f-w | Wichita Falls | Dickson, June Celeste, s | Fort Worth |
| Browning, John Artie, s-f | Gladewater | Donoghue, Patricia Anne, s | Fort Worth |
| Brumbelow, Alvis Weldon, s-f | Electra | Drumwright, H. L. Jr., s-f-w | New Orleans, La. |
| Brutsche, Robert, s-f-w | Gladewater | Duckworth, Jean Avis, s-f-w-sp | Wichita Falls |
| Byrd, Kenneth, s-f-w | Archer City | Dunn, Maurice Alvin, e | Fort Worth |
| Bundock, Barbara Joan, s-f-w-sp | Fort Worth | Earle, Maggie Mae, e | Fort Worth |
| Bursey, Wm. Fred, s-f-w-sp | Fort Worth | Easterwood, Claire, f-w | Taft |

JUNIORS—Continued

| | | | |
|------------------------------------|---------------------|-----------------------------------|----------------------|
| Edwards, Walter s-f-w | Cleburne | Jaynes, Josie, e | Fort Worth |
| Elliot, Donald C. Jr., s-f-w | San Francisco, Cal. | Johnson, Glenna Lee, s-f-w-sp | Eastland |
| Engleman, Wanda Jean, s-f-w-sp | Spur | Johnson, Wylie Bruce, s-f-w | Dallas |
| Erwin, Rosemary, s-f-w-sp | Douglas, Wyo. | Joiner, Alex Homer Jr., s-f | Fort Worth |
| Farquhar, Winifred Goodlett, w-sp | Britton | Jones, Naomi Ruth, f-w-sp | Fort Worth |
| Farrat, Jimmy, s-f-w-sp | Dallas | Jones, Shellie, w-sp | Fort Worth |
| Feeny, La Verne, w-sp | Fort Worth | Jordan, Corinne, w-sp | Fort Worth |
| Felkner, Florian, s-f-w | Fort Worth | Kearby, Dorothy Evelyn, e | Weatherford |
| Fillyaw, Monnie Maxine, e | Fort Worth | Kemble, Cherry, f-w-sp | Fort Worth |
| Finegan, John Rooney, Jr., sp | Fort Worth | King, Ruth Ann, f-w-sp | Savage, Md. |
| Fisher, Robert Dale, s-f-w | Fort Worth | Kirkley, Charles Reagan, e | Carlsbad, N. M. |
| Flanders, Donald H., s-f-w | Little Rock, Ark. | Kline, Edward M., s-f-w | Golden, Colo. |
| Flowers, Clyde Eugene, f-w-sp | Perryton | Koons, Elizabeth, s | Fort Worth |
| Forrester, Dorothy, s-f-w-sp | Electra | Kraft, Eugenia, s-f-w-sp | Fort Worth |
| Fowler, Martha, s-f | Fort Worth | Lauderdale, Jane, s-f-w-sp | Fort Worth |
| Fulcher, Annie Lou, e | Fort Worth | Lawrence, Mrs. Frances, s-f-sp | Fort Worth |
| Galleghy, Herbert Bowyer, s-f | Dallas | Leach, Lowe L., s-f-w | Fort Worth |
| Gardner, Joan, s-f-w-sp | Fort Worth | Lease, Owen C., s-f-w | Alhambra, Cal. |
| Gean, Polly Ruth, s-f-w-sp | Fort Worth | Leath, Joseph, w-sp | Wichita Falls |
| Gilbert, Betty Jane, w-sp | Fort Worth | Ledbetter, Myron C., s-f-w | Stillwater, Okla. |
| Giles, Upton Wright, s-f | Commerce | Leonard, Harry E., f | Oklahoma City, Okla. |
| Gill, Alastair Douglas, s-f | Fort Worth | Lesok, Kathrynne Poulter, e | Fort Worth |
| Goebel, Charles A. Jr., s-f | Puget Sound, Wash. | Levi, Albert, s-f-w | San Francisco, Cal. |
| Goldfarb, Irvin Joseph, w-sp | El Paso | Lewis, Fla., Jr., w-sp | Dallas |
| Graves, Lela Josephine, e | Fort Worth | Lilly, Mrs. Edwin Winfree, e | Fort Worth |
| Graves, Nancy Ann, s | Fort Worth | Lindsay, Grada, e | Fort Worth |
| Gray, Richard Jr., s-f-w | Dallas | Linton, Alice Lou, s-f-w-sp | Tallulah, La. |
| Greene, Bernald Q., w-sp | Highland Park, Ill. | Lipscomb, Frances M., e | Fort Worth |
| Greene, Raymond Houston, s-f-w-sp | Fort Worth | Livingston, Leon James, w-sp | Dallas |
| Gremm, Winifred, e | Fort Worth | Lotspeich, Pauline, f-w-sp | Fort Worth |
| Griffin, Betty, sp | Norfolk, Va. | McClendon, J. Wm. Jr., s-f-w | Shreveport, La. |
| Guerra, Anastacio Alberto, s-f-w | McAllen | McCuiston, Mary Kate, s-f-w-sp | Fort Worth |
| Haasis, Betty Jean, f-w-sp | Galveston | McFarland, Horace Neill, s-f-w-sp | Dallas |
| Hackett, Halsey Lee, sp | Lubbock | McGehee, James Acy, s-f-w | View |
| Hall, Bonnie Jeanette, s-f-w-sp | McGregor | McGown, Caroline, f-w-sp | Fort Worth |
| Hall, John Henderson, sp | Fort Worth | McKillip, Noble E., e | Fort Worth |
| Hampton, Doris Ruth, s-f-w-sp | Crowley | McKim, Horace W. III, s-f-w | Fort Worth |
| Hanrahan, Joleen Lucille, s-f-w-sp | Fort Worth | McKinney, Marjorie L., w-sp | Winfield, Kan. |
| Hardesty, Eula Parrish, sp | Fort Worth | McLarty, Shirley, e | Fort Worth |
| Harelik, Morton Sidney, w-sp | Hamilton | McLeod, Edith Amelia, w | Fort Worth |
| Harlan, Ralph Robert, s-f-w | Sacramento, Cal. | McMurtray, Robert A., s-f | Lindsay, Okla. |
| Harris, Noble, s-f | Abilene | McNeese, James N., s-f-w | Grand Prairie |
| Hawkinson, L. D., s-f-w-sp | San Francisco, Cal. | Maceo, Elida, s-f-w-sp | Fort Worth |
| Hearon, Dorothy Mae, e | Fort Worth | Mahon, Doris, w-sp | Fort Worth |
| Hendricks, Mary Elizabeth, e | Fort Worth | Marling, Bonnie, w | Bellville |
| Hill, Lillard Lee, w-s | Durant, Okla. | Marmolejo, Rafael Jr., s-f | El Paso |
| Holder, Dana Christine, f-w-sp | Sulphur Springs | Mason, Virginia, f-w-sp | Fort Worth |
| Holland, J. Harve, e | Midlothian | Massey, Mary Jane, s | Kerens |
| Hollingsworth, Ralph Bird, e | Fort Worth | Matson, Bellamy Stover, e | Fort Worth |
| Holt, Kate, e | Fort Worth | Mesinger, Herbert Meyer, s-f | Galveston |
| Horan, Margaret, f-w-sp | Fort Worth | Metz, Lawrence Emmet, w-sp | Blackwell, Okla. |
| Hubka, Ralph Eldon, e | Fort Worth | Michero, William H., s-f-sp | Fort Worth |
| Hudson, Dana R., s-f-w-sp | Fort Worth | Miller, Joseph B., e | Fort Worth |
| Hunt, Harold Eugene, s-f-w | Paris | Miracle, Wm. Dixon, w-sp | Dallas |
| Huntington, Paul Odell, s-f | Pioneer | Mize, Harold Daniel, s-f | Nacogdoches |
| Ingram, Billie Nelle, s-f-w | Fort Worth | Monday, Harold B., s-f | Lovelady |
| Ison, Dolores, s | Houston | Montgomery, Dorothy B., s-f-w | Fort Worth |
| Jackson, Beth, w-sp | Sherman | Montgomery, Maxie, e | Fort Worth |
| Jackson, Robert Wm., sp | Hampton, Iowa | Moon, Ruth Fleeta, s | Fort Worth |
| James, Royal, s-f-w | Loraine | Moore, Macie Jeanne, s-f-w | Fort Worth |

JUNIORS—Continued

| | | | |
|-------------------------------------|---------------------|-----------------------------------|-------------------|
| Moore, Mrs. Marjorie Beeman, s | Fort Worth | Smith, R. M., w-sp | Fort Worth |
| Moore, Richard, s-f-w | Fort Worth | Smith, Theodore, s-f-w | Monrovia, Cal. |
| Morgan, Edith Lilyan, s-f | Fort Worth | Specht, Joseph Franklin, s-f-w | Bellevue |
| Morgan, Jack MacGee, s-f-w | Portales, N. M. | Sperry, Lyman, s-f-w | Provo, Utah |
| Murray, Jackie Ray, s-f-w-sp | Fort Worth | Strauss, Henry James, Jr., s-f | Hallettsville |
| Nabours, Winifred Ann, s-f-w-sp | Fort Worth | Streatly, Leon, s-f-w-sp | Henrietta |
| Nelson, Harry Marshall, s-f-w | Dallas | Studer, George Edward, s-f-w | Gatesville |
| Nelson, James L., e | Fort Worth | Sullivan, Dudley, s-f | Dallas |
| Nelson, Marie, e | Fort Worth | Swartz, Stanley Edward, e | Los Angeles, Cal. |
| Nitteberg, Delia, e | Fort Worth | Switzer, Betty, s-f | Fort Worth |
| Olson, Robert, s-f-w | San Francisco, Cal. | Tatum, William Carr, e | Fort Worth |
| O'Neill, Lily Madge, w-sp | Fort Worth | Taulbee, Ruth, s-f-w-sp | Fort Worth |
| Oradat, Marilyn M., e | Fort Worth | Thomas, Nellie Frances, w-sp | Fort Worth |
| Orn, Mary Virginia, f-w-sp | Fort Worth | Thomas, O. D., e | Brownfield |
| Parker, Mrs. Mary Patricia, e | Fort Worth | Thomason, John Henry, s-f-w | Corpus Christi |
| Parnell, Billy Joe, s-f-w | Mt. Vernon | Thompkins, Myra, s-f | Cisco |
| Parnell, Estelle, s-f-w-sp | Fort Worth | Thompson, Charles R., s-f-w | Fort Worth |
| Patterson, Patty Ann., s-f-w-sp | Fort Worth | Thomson, Annie Laurie, e | Fort Worth |
| Paxton, James Robert, s-f-w | Elkhart | Thurlo, Virginia Ruth, e | Fort Worth |
| Payne, Nettie Nancy, s-f-w-sp | Chehalia, Wash. | Tidwell, Helen Rebecca, e | Weatherford |
| Pendery, Betsy W., e | Fort Worth | Tinkle, Jimmy, s-f-w-sp | Lufkin |
| Pesek, Robert J., s-f-w | Hallettsville | Tomlinson, Ann Coles, f-w | Fort Worth |
| Petty, Betty Sue, s-f-w-sp | Boyd | Tomlinson, Betty, w-sp | Fort Worth |
| Petty, Christine, w | Fort Worth | Tompkins, Myra Jeane, s-f-w-sp | Cisco |
| Piazza, Julius, s-f-w | Vicksburg, Miss. | Towery, Roy E., s-f-w-sp | Fort Worth |
| Pillar, Raymond, s-f-w | Plainview | Towery, Wendell, s-f-w | Fort Worth |
| Pitt, Joe William, w-sp | San Antonio | Townsey, Everett Elwood, s-f-w | Dallas |
| Puckett, Jessie Fay, s-f-w-sp | Fort Worth | Tucker, Ruth, s-f-w-sp | Fort Worth |
| Pugh, Travis, f-w-sp | Fort Worth | Tunnell, Mrs. Betty Lou, e | Fort Worth |
| Purvis, Sara Elizabeth, e | Fort Worth | Turner, Jerry Marie, s-f-w-sp | Fort Worth |
| Ramsey, Elwood Franklin, Jr., s-f-w | Abilene | Tuttle, Karl, s-f-w-sp | Fort Worth |
| Reynolds, Smith Perry, sp | Tyler | Twedt, Evelyn Grace, e | Fort Worth |
| Rhea, Dorothy, s-w-sp | Fort Worth | Vance, William Rex, e | Altadena, Cal. |
| Riggs, Charles L., f-w-sp | Fort Worth | Vilfordi, George Louis, s-f-w-sp | Dallas |
| Roach, Floyce Bailey, e | Fort Worth | Vinson, Russell, s-f-w | Fort Worth |
| Robertson, Alla Winston, sp | Sherman | Waldron, Katherine, s-f-w-sp | Fort Worth |
| Saam, Robert Douglas, e | Fort Worth | Waldrop, Betty, s-f-w-sp | Sherman |
| Sanders, Frances Marie, e | Fort Worth | Walker, Raymond Charles, s-f | Altadena, Cal. |
| Saurman, Mrs. Delora Catherine, e | Fort Worth | Wallace, Joe Thomas, s-f-w | Llano |
| Savage, Bob A., s | Big Spring | Waller, Donald Denton, e | Fort Worth |
| Schiele, Beth, s-f-w-sp | Glen Ellyn, Ill. | Wallis, Perry Hugh, s-f-w-sp | Richardson |
| Schmidly, James, e | Fort Worth | Weatherford, Sam Hardin, s | Fort Worth |
| Schmidt, Herman, s-f-w | New Braunfels | Welborn, Doris, s-f-w | Fort Worth |
| Schutts, Betty Ann, e | Fort Worth | Weldon, Bonnie Bess, w-sp | Fort Worth |
| Scrivner, Marjie McKean, e | Fort Worth | Wharton, Joe Carlos, s-f | Amarillo |
| Seely, Olin, e | Fort Worth | Wharton, William Arthur, e | Fort Worth |
| Shackelton, Mrs. Mary Jean, w | Fort Worth | Whitaker, Beryl A., w-sp | Hamilton |
| Shannon, Sara, e | Fort Worth | White, Mary Ray, s-f-w-sp | Keller |
| Shaw, Robert H., s-f-w | Fort Worth | White, Robert Walls, e | Farmersburg, Ind. |
| Shropshire, William, f-w-sp | Fort Worth | White, Ruth Marie, s-f-w-sp | Lufkin |
| Silman, James Billy, w-sp | Cooper | Wiech, Bonnie Jean, w-sp | Longview |
| Simpson, Mrs. Thelma M., f-w-sp | Fort Worth | Wilcoxson, Eugene, s-f-w | Cushing, Okla. |
| Sims, Le Noir, e | Fort Worth | Williams, Dixie Belle, f-w-sp | Fort Worth |
| Singletary, Jean, s | Fort Worth | Willmann, Marie E., w | Fort Worth |
| Smith, Dorothy Jo, e | Fort Worth | Wilson, Jack, s-f | Fort Worth |
| Smith, Joseph, w-sp | Dallas | Wilson, Kenneth Carl, e | Dallas |
| Smith, Laura Ellen, e | Fort Worth | Wilson, Novella, s-f-w-sp | Fort Worth |
| Smith, Leonard Thomas, s-f | Crowell | Wittmayer, Katherine H., s-f-w-sp | Fort Worth |
| Smith, Marion C., Jr., s-f-w | Fort Worth | Woods, James Ezell, w-sp | Mt. Enterprise |
| Smith, Millard Ray, s-f | Denton | Ziegler, Helen Louise, s-f-w-sp | Fort Worth |
| Smith, Perry M., s-f-w | Commerce | | |

SOPHOMORES

| | | | |
|--|---------------------|---------------------------------------|------------------|
| Abell, Mary Annee, s-f-w-sp..... | Houston | Burlingham, Maxine, e..... | Fort Worth |
| Adams, Betty, s..... | Dothan, Ala. | Burrus, Swan Thomas, w-sp..... | Dallas |
| Adams, Lynn, Jr., s-f-w..... | Mexia | Buckeridge, Beatrice, s-f-w-sp..... | Fort Worth |
| Adams, Pat, sp..... | Fort Worth | Bull, Edith Faye, w-sp..... | Pecos |
| Adams, Tyrus, s-f-w-sp..... | Wills Point | Bumpass, Thelma P., e..... | Fort Worth |
| Affolter, Erwin, w-sp..... | San Francisco, Cal. | Bushon, Gloria, s-f-w-sp..... | Sulphur Springs |
| Akers, Carol Clifford, w-sp..... | Roxton | Buster, Patsy Ann, s-f..... | Fort Worth |
| Albright, Ouida Darling, e..... | Fort Worth | Butler, William Howard, w..... | Fort Worth |
| Alexander, Frances, f-w-sp..... | Dallas | Cagle, Howard Glenn, sp..... | Big Spring |
| Allen, Stuart, s-f-w..... | Louisville, Ky. | Callahan, Robert T., w-sp..... | Ashland, Oregon |
| Andrews, Robert T., sp..... | San Antonio | Callaway, Robert Harold, s-f..... | Vernon |
| Anderson, Thomas Wynn, e..... | Fort Worth | Campbell, J. W. Othello, s-f..... | Fort Worth |
| Apetz, Harry Banif'd, s-f-w-sp..... | Tacoma, Wash. | Cannon, Inez, e..... | Fort Worth |
| Arleth, Karl Herbert, sp..... | San Marino, Cal. | Carleston, Milton Lee, s-f..... | Ennis |
| Attaway, Leland Dixon, sp..... | Los Angeles, Cal. | Carlyon, Richard Dean, sp..... | Dallas |
| Aucoin, Lois Mae, s-f-w-sp..... | Fort Worth | Carolan, Mrs. Annie Laurie, e..... | Fort Worth |
| Austin, Robert William, sp..... | Las Vegas, Nev. | Carrington, Juanita Jane, f-w-sp..... | Dallas |
| Aven, Robert J., sp..... | Moultrie, Ga. | Carter, Douglas Stanley, s-f..... | South Bend |
| Ball, Wylly Edwin, sp..... | Arlington | Carter, Jack, e..... | Fort Worth |
| Banner, Peggy Ruth, sp..... | Fort Worth | Carter, Margaret Banks, e..... | Fort Worth |
| Banta, Anna Rae, f-w-sp..... | Fort Worth | Carter, Mary Gene, f-w-sp..... | Dallas |
| Barbour, Billie, s-f-w-sp..... | Fort Worth | Case, John H. "Jack," s-f-w..... | Fort Worth |
| Barnard, Nancy Ellen, w-sp..... | New Orleans, La. | Cavender, Betty, s-f-w-sp..... | Fort Worth |
| Bassett, William Clyde, sp..... | Austin | Chamlee, June Marie, s-f-w-sp..... | Gatesville |
| Baxter, Glenn Edward, sp..... | Houston | Champion, Thomas Harold, Jr., e..... | Fort Worth |
| Bean, Mary Katherine, w-sp..... | Houston | Cheatham, Jimmie Ruth, s-f-w-sp..... | Fort Worth |
| Bechtel, Dan Lennox, e..... | Fort Worth | Christy, Robert Franklin, sp..... | Blackwell, Okla. |
| Becker, Ellen Nash, w-sp..... | Kaufman | Clark, Charles Clarence, s-f-w..... | Fort Worth |
| Beckman, Herman F., sp..... | Fort Worth | Clark, John Benjamin, s-f-w-sp..... | Fort Worth |
| Beggs, Alan Sinclair, sp..... | Corono, Cal. | Cobb, Betty Lou, f-sp..... | Texarkana |
| Belew, Eugene Maxwell, e..... | Paris | Cobb, Millicent Louise, s-f-w-sp..... | Fort Worth |
| Bender, Henry Francis, e..... | Detroit, Mich. | Coffin, Janie, f-w-sp..... | Itasca |
| Billingsley, Helen Bond, s-f-w-sp..... | Fort Worth | Coleman, George, s-f-w-sp..... | Beaumont |
| Billington, Betty Jo, s-f-w-sp..... | Fort Worth | Conkling, William, sp..... | Midland |
| Bilsing, Wm. Albert, sp..... | College Station | Connor, Marie M., s..... | Fort Worth |
| Blackwell, Betty Jean, s-f-w-sp..... | Fort Worth | Cook, Squire T., e..... | Fort Worth |
| Boaz, Cleo M., f-w-sp..... | Bridgeport | Cosby, Marjorie, s..... | Fort Worth |
| Bollinger, Minnie Lee, s-f-w-sp..... | San Angelo | Cosby, Patricia, sp..... | Dallas |
| Bonner, Java Maxine, e..... | Sweetwater | Counts, Sarah, e..... | Fort Worth |
| Bost, Howard Wm., w-sp..... | Robstown | Cox, Mary Maxine, s-f-w-sp..... | Tallulah, La. |
| Botts, Lambert S., w-sp..... | Tallant, Okla. | Cramer, Dorothy Horn, e..... | Fort Worth |
| Bowden, Ben W., w-sp..... | Munday | Cramer, Martin, Jr., e..... | Fort Worth |
| Bowden, Jo, sp..... | Brownwood | Crelia, Royce, w-sp..... | Greenville |
| Bowers, Johnie Ruth, f-w-sp..... | Fort Stockton | Crotty, Neill M., e..... | Fort Worth |
| Bowman, Thornton Hardie, s-f-w-sp..... | Austin | Crow, Neil Edward, sp..... | Hope, Ark. |
| Bradford, Betty June, w-sp..... | Fort Worth | Culp, Margaret, s-w-sp..... | Gainesville |
| Bradshaw, Wm. Lee, sp..... | Velasco | Danenberg, Ruth M., s..... | Roswell, N. Mex. |
| Brannon, Homer Howell, s-f..... | Fort Worth | Daniels, Adeline, f-w-sp..... | Fort Worth |
| Brooke, Paul C., e..... | Fort Worth | Davidson, Joseph Frederick, e..... | Fort Worth |
| Brooks, Dorothy Maxine, f-w-sp..... | Fort Worth | Davis, Betty Jean, s-f-w-sp..... | Fort Worth |
| Brous, Marion Wilson, sp..... | Fort Worth | Davis, Betty Mae, s-f-w-sp..... | Cisco |
| Brown, Betty Dean, w-sp..... | Fort Worth | Davis, J. Lee, sp..... | Fort Worth |
| Brown, Bettye J., s-f-w-sp..... | Fort Worth | Davis, Patsy, sp..... | Port Arthur |
| Brown, Owen Cleveland, w-sp..... | Peñrin | Day, George Austin, s-f..... | Kaufman |
| Brown, Robert E., s-f..... | Fort Worth | Dean, Opal Mae, e..... | Fort Worth |
| Brown, Wilma J., s-f-w-sp..... | Orient | Deardorff, Ruth M., s..... | Lubbock |
| Brumfield, Thomas J., sp..... | Fayetteville, Ark. | Deere, Jewell Clifford, sp..... | Summit, Mo. |
| Bruner, Mary Margaret, s-f-w-sp..... | Fort Worth | Dempsey, Ruth Ann, sp..... | Seminole |
| Bryan, William Cloflin, s-f-w..... | El Paso | Donaldson, Robert Henry, s-f-w..... | Fort Worth |
| Burks, Robert Hill, s-f-w-sp..... | Dallas | Doyle, Raymond, sp..... | Fort Worth |

SOPHOMORES—Continued

| | | | |
|-------------------------------------|---------------------|------------------------------------|---------------------|
| Dunbar, Richard B., w | Fort Worth | Harrison, Walter Edward, s-f-w | Houston |
| Dunham, Nancy Catherine, s-f-w-sp | Fort Worth | Hart, Joy Bernice, e | Fort Worth |
| Dunning, Ernest H., sp | Port Arthur | Hart, Shirley, e | Sweetwater |
| Durway, Joseph Robert, w | Fort Worth | Hartis, Colleen, s-f-w-sp | Baytown |
| Durway, Malcolm B., w | Fort Worth | Hayes, Richard Oliver, w-sp | Bakersfield, Cal. |
| Eason, Louise, e | Fort Worth | Hazen, William Glass, s-f-w-sp | Fort Worth |
| Elliott, Annelle, w-sp | Fort Worth | Hearne, Bill, s | Fort Worth |
| Elliott, Francys, s-f-w-sp | Grand Saline | Heardt, Richard Edward, s-f | Clearwater, Fla. |
| Elliott, Nina, s-f-w-sp | Fort Worth | Henderson, Barbara, s-f-w-sp | Shreveport, La. |
| Elmore, Robert E., e | Fort Worth | Henderson, Elayne, s-f-w-sp | Shreveport, La. |
| Erlanger, Stuart, s-f-w-sp | San Francisco, Cal. | Hendler, Betty Lou, f-w | Temple |
| Evans, John William, e | Fort Worth | Herald, Charles David, e | Minneapolis, Minn. |
| Evans, Mary Florence, e | Fort Worth | Hewlett, Kenneth, s-f-w | Oakland, Cal. |
| Faguy-Cote, Elizabeth, s-f-w | Fort Worth | Hickey, Eugene, s-f-w-sp | Abilene |
| Farrow, Jack Byron, sp | Fort Worth | Hicks, Gene, s-f-w | San Antonio |
| Felkel, Harry Eugene, s-f-w-sp | Fort Worth | Higgins, Neal Hamer, e | Fort Worth |
| Felkel, Hilma Alma, s-f-w-sp | Fort Worth | Hill, Shirley Faye, s-f-w-sp | Fort Worth |
| Fincher, Winifred Marie, s-f-w-sp | Fort Worth | Hoffman, Mary A., w-sp | Jersey City, N. J. |
| Fletcher, Milton Birdwell, s-f-w-sp | Hamlin | Holloway, Barbara, s-f-w-sp | Longview |
| Ford, Mary, w-sp | Houston | Houdek, Albin, sp | Ennis |
| Foreman, Maxine, s | Vernon | Houston, Ralph D., e | Fort Worth |
| Frain, Arvie A. Jr., w-sp | Levelland | Hovatter, Stanley, s-f-w-sp | Birmingham, Ala. |
| Fulbright, Beatrice, s-f-w-sp | Fort Worth | Howard, Dorothy Lee, e | Fort Worth |
| Fulbright, Ercy Glenn, s-f-w-sp | McLean | Hubbard, Mrs. Ann A., f-w | Fort Worth |
| Gaffney, Bill Grant, s-f | New Orleans, La. | Huett, William Howard, e | Comanche |
| Galaway, Horace, s-f-w-sp | Perry, Okla. | Hunnicut, Richard, sp | Dallas |
| Galaway, Jean, s | Fort Worth | Ifland, Paul Warren, sp | Houston |
| Gallant, Alice, s-f-w-sp | Fort Worth | Inskeep, Alice, s-f-w-sp | Fort Worth |
| Gamble, Betty Jo, f-w-sp | Dallas | Irvin, Vivian Allen, e | Fort Worth |
| Garner, Fay, f-w-sp | Navasota | Jacks, Elias Thomas, w-sp | San Francisco, Cal. |
| Garner, Maggie Florence, e | Dublin | Jackson, George, e | Dallas |
| Garrison, Cliff, s-f-w | Kirbyville | Jenkins, Winnie Gates, e | Fort Worth |
| Gartner, George, s-f-w-sp | Houston | John, Francis X., e | Fort Worth |
| Geib, Richard, w-sp | Grand Rapids, Mich. | Johnson, Charles Lillard, e | Fort Worth |
| Gentry, Mary Eugenia, f | Fort Worth | Johnson, Kathryn, s-f-w-sp | Refugio |
| Cibson, Carl V., Jr., s-f-w-sp | Dallas | Jones, Alfred, s-f-w-sp | Dallas |
| Gilbert, Charles M., s-f | Kilgore | Jones, Minnie Edith, f-w-sp | San Benito |
| Gilbert, Dwayne Champion, e | Ladonia | Jones, Pauline, sp | El Dorado |
| Glasscock, Elizabeth, f-w-sp | Pecos | Jones, Virginia Ann, s | Fort Worth |
| Glasscock, Sherley, e-sp | Pecos | Jordan, Ruth, s-f | Fort Worth |
| Gle-en, Lillian Marie, e | Fort Worth | Journey, Mary Helen, s-f-w-sp | Fort Worth |
| Goddard, Merton Emmett, e | Glendale, Cal. | Lavanagh, J. A., s-f-w-sp | San Francisco, Cal. |
| Golden, Eileen Shirley, s-f | Fort Worth | Kenney, Charles Douglas, s-f | Fort Worth |
| Goodknight, Eleanor Carolyn, e | Fort Worth | Kirk, Laura, s-f-w-sp | McKinney |
| Grady, Gilbert David, s-f-w-sp | Temple | Kissinger, Geraldine, s-f-w-sp | Fort Worth |
| Graff, Homer L. Jr., w-sp | Beaumont | Knight, Loretta, s-f-w-sp | Fort Worth |
| Green, Constance, w-sp | Indianapolis, Ind. | Knox, Therylene, w-sp | Weatherford |
| Greer, Geraldine, s-f | Fort Worth | Kotselas, Constantine George, w-sp | Chicago |
| Gregory, Donald Alfred, s-f | Oakland, Cal. | Kraft, Dorothy, s-f-w-sp | Fort Worth |
| Gregory, Howard, w | Fort Worth | Lacefield, Wally Reid, s-f-w | Dewey, Okla. |
| Griffin, John, s-f | Fort Worth | Lack, Edwin, w-sp | Mangum, Okla. |
| Groginski, Hannah, f-w-sp | Fort Worth | Lafferty, Dolores, s-f-w-sp | Fort Worth |
| Gunter, Jackie P., s-f-w-sp | Santa Maria, Cal. | Lamar, Emily, f-w-sp | Midland |
| Hackett, Hazel Jane, s | Alva, Okla. | Landry, Robert, w-sp | Milwaukee, Wis. |
| Hall, Chester LeRoy, e | New Orleans, La. | Lanning, Mrs. Fred H., e | Fort Worth |
| Hall, Frances, s-f-w-sp | Lufkin | Larimer, Charles Roger, sp | Houston |
| Handy, Mary Gene, w-sp | Wichita Falls | Lawrence, Roderick Quentin, s-f | San Antonio |
| Hannifin, Betty M., f-w-sp | Roswell, N. Mex. | Lawson, Mary Bess, s-f-w | Fort Worth |
| Hanson, Mary Paula, s-f-w-sp | Fort Worth | Lee, Jesse Ralph, sp | Sweetwater |
| Hardie, Alton, e | Fort Worth | Lee, Robert Crayford, s-f-w | Waco |
| Harris, Louie Leon, w-sp | Dallas | Lewis, Betty Jo, s | Borger |

SOPHOMORES—Continued

| | | | |
|---------------------------------------|---------------------|--|---------------------|
| Lieberg, Norman E., e..... | Helena, Mont. | Padden, Colleen, s-f-w-sp..... | Fort Worth |
| Lindley, Ralph Herbert, s-f..... | Coahoma | Parish, Mrs. Blanche Ice, sp..... | Fort Worth |
| Love, Lila Anne, e..... | Eastland | Parkey, Martha Fay, e..... | Fort Worth |
| Lucas, James, s-f-w..... | Pecos | Parrish, John Beverly, e..... | Dallas |
| Lynch, Leslie O., sp..... | Dallas | Patterson, Steve, s..... | Fort Worth |
| McAlister, Jimmy, s-f-w..... | Fort Worth | Pearson, Gary Pinkney, Jr., s-f-w..... | Navasota |
| McAnally, Loyd, s-f-w..... | Fort Worth | Peery, Lou Ann, f-w-sp..... | Fort Worth |
| McAuliffe, Henry Eugene, e..... | Fort Worth | Perryman, Bennie Houghton, e..... | Fort Worth |
| McCain, Earl M., s-f-w-sp..... | Houston | Persson, Milton G., s-f-w-sp..... | Los Banos, Cal. |
| McClelland, Dewitt B., s-f..... | Brownwood | Phelps, Jerold, s-f-w-sp..... | Lompoc, Cal. |
| McClellan, Josephine, f-w-sp..... | Gatesville | Pickens, Max Helen, s-f-w-sp..... | White Deer |
| McElroy, Francis, e..... | Midlothian | Pine, Lavelle Ray, w..... | Georgetown |
| McElroy, Jane, w-sp..... | Fort Worth | Poe, Cathryn Rall, e..... | Fort Worth |
| McGee, Jean, s..... | Fort Worth | Polson, Kathryn, w..... | Fort Worth |
| McGill, Mrs. Dorothy McAuley, e..... | Fort Worth | Poole, Richard Stroud, sp..... | El Reno, Okla. |
| McGlothlin, Wilma Faye, s-f-w-sp..... | San Angelo | Potter, Mary Frances, sp..... | Fort Worth |
| McGonagill, Bettymae, s-f-w-sp..... | Fort Worth | Prague, Frances E., e..... | Fort Worth |
| McKanna, Philip L., s-f-w..... | Okla. City, Okla. | Pruitt, John Clinton, s-f..... | Ardmore |
| McKennon, Margaret, s-f-w-sp..... | Waxahachie | Pryor, Lindley Brazelton, s-f-w..... | Palestine |
| McLeod, Norman, s-f..... | New Orleans, La. | Pugh, Mrs. Dorothy, s-f..... | Fort Worth |
| McPherson, Ruby, e..... | Fort Worth | Pugh, Mrs. Louise, f-w-sp..... | Fort Worth |
| Mackey, Nina Lee, e..... | Fort Worth | Purvines, Norma, s-f-w-sp..... | Panhandle |
| Malone, Kathleen Theresa, sp..... | Fort Worth | Ratcliffe, Samuel, w-sp..... | Corning, Ark. |
| Manly, Hollis Lee, sp..... | Abilene | Ratzloff, John Cornelius, e..... | Fort Worth |
| Martin, Charlene, s-f..... | Artesia, N. Mex. | Reich, Eleanor Alice, s..... | Fort Worth |
| Matheny, Robert, s-f-w-sp..... | Long Beach, Cal. | Remington, William B., e..... | Springfield, Mass. |
| Mattson, Kenneth Boyd, s-f..... | San Francisco, Cal. | Richards, Charles A., e..... | Fort Worth |
| Maxwell, Paul Lyle, e..... | Fort Worth | Richards, Clarence David, sp..... | Ballinger |
| May, Wade E., sp..... | Fort Worth | Richardson, Dearl D., s-f-w-sp..... | Lubbock |
| Mayer, Esther L., s..... | Fort Worth | Richardson, Richard Forest, s-f-w..... | Fort Worth |
| Mays, Troy Mitchel, s-f..... | Amarillo | Riley, James, e..... | New Orleans, La. |
| Medearis, Mrs. Mildred, s-f-w-sp..... | Fort Worth | Roberson, Glenn Ray, sp..... | Longview |
| Meier, Rodger, f-w..... | Wehster Grove, Mo. | Roberts, Cecil Graham, s-f-w..... | Gainesville |
| Melton, Homer Green, Jr., s..... | Fort Worth | Roberts, Joe Baker, e..... | Dallas |
| Minyard, Clara Jo, w..... | Fort Worth | Robertson, Mrs. Frances, e..... | Fort Worth |
| Mize, Ann, e..... | Fort Worth | Rogers, Harvey S., s-f-w-sp..... | San Francisco, Cal. |
| Moomaw, Louis Franklin, e..... | Fort Worth | Roots, Menefee, e..... | Fort Worth |
| Mooney, June, w-sp..... | Fort Worth | Ross, Margaret, s-f..... | Fort Worth |
| Morris, William Brooks, s-f..... | Fort Worth | Routledge, Mary Elizabeth, s-f-w-sp..... | Fort Worth |
| Morrison, Herman Pat, w-sp..... | Newcastle | Rumely, Louise, e..... | Fort Worth |
| Morrison, Jane O., s-w-sp..... | Fort Worth | Runnion, Vernie George, w-sp..... | Fort Worth |
| Morrow, Mary Louise, s-f-w-sp..... | Fort Worth | Russell, Jesse Fa, e..... | Fort Worth |
| Morse, Felicia, s-f-w-sp..... | Fort Worth | Rutherford, H. W., Jr., s-f-w-sp..... | Dallas |
| Moseley, Jim, s-f-w-sp..... | Independence, Mo. | Sanders, William, s-f..... | Houston |
| Mouht, James Charles, s-f..... | Fort Worth | Scales, Raymond, w-sp..... | Okla. City, Okla. |
| Muegge, Ed, sp..... | Brenham | Scarlett, Harold Thomas, s-f-w-sp..... | Fort Worth |
| Nelson, Barbara, w-sp..... | Milwaukee, Wis. | Schultz, James W., e..... | Fort Worth |
| Nelson, Frances, s-f..... | Fort Worth | Scott, Harry Lee, w-sp..... | Fort Worth |
| Nettles, Martha Jannell, f-w-sp..... | Temple | Scott, John Robert, e..... | Mertzon |
| Newton, E. Ruth, e..... | Fort Worth | Seiber, Ruth Princene, e..... | Fort Worth |
| Nichols, Fay Ann, e..... | Fort Worth | Sellers, Mary Bena, s-f-w-sp..... | Fort Worth |
| Nies, Dorothy, s-f-w-sp..... | Fort Worth | Shackelford, Nancy, sp..... | Friona |
| O'Daniel, Margaret, sp..... | Fort Worth | Sheinberg, Gloria, s-f-w-sp..... | Fort Worth |
| Offermann, Kenneth Charles, sp..... | Baytown | Shifflett, Elaine, s-f-w-sp..... | Fort Worth |
| Oliver, Mildred, e..... | Fort Worth | Shively, Martha, w-sp..... | Fort Worth |
| Olmsted, Sybil, w-sp..... | Fort Worth | Short, W. W., sp..... | Houston |
| Oradat, Genevieve, e..... | Fort Worth | Shotts, Barbara, s..... | Fort Worth |
| Orr, Alan, sp..... | San Francisco, Cal. | Shuford, Bill D., w-sp..... | Tyler |
| Oster, Ellison, f-w..... | Fort Worth | Sindt, Jean, sp..... | Fort Worth |
| Otey, George Nolley, f-w-sp..... | Ardmore, Okla. | Singletary, William Bryan, e..... | Fort Worth |

SOPHOMORES—Continued

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|------------------------------------|-------------------|-----------------------------------|--------------|
| Slack, Frank, sp | Pecos | Tunstall, James Wright, s-f-w-sp | Fort Worth |
| Slay, Mary Lou, s-f-w-sp | Rhome | Turner, James E., Jr., sp | Houston |
| Smith, Bill, w-sp | Cleburne | Turner, Ruth Marrs, s-f-sp | Atoka, Okla. |
| Smith, Elsie Marie Fullen, e | Fort Worth | Turpin, Nell Mildred, e | Fort Worth |
| Smith, Jack Jr., s-f-w-sp | Fort Worth | Urban, Robert E., s-f-w-sp | Rusk |
| Smith, Juanita, f-w-sp | Fort Worth | Vernon, Carroll Winfield, e | Gladewater |
| Smith, Lottie, s | Fort Worth | Von Goertz, Elin Augusta, e | Fort Worth |
| Smith, Neita L., e | Fort Worth | Wade, Jean Ann, w-sp | Fort Worth |
| Sneed, Donald W., s-f-w | Dallas | Waldrop, Mary Catherine, e | Caddo |
| Snow, William, s-f | Denton | Walker, Ed, s-f-w-sp | Fort Worth |
| South, Frank Moody, e | Fort Worth | Walker, Gene E., sp | Dallas |
| Spaeter, William, e | Los Angeles, Cal. | Walker, George Gamble, s-f-w | Fort Worth |
| Squires, William Randolph, s-f-w | El Paso | Walsh, Yvonne, s-f-w-sp | Dallas |
| Stanley, Hattie Lee, s-f-w-sp | Fort Worth | Walton, Janetha, s-f-w-sp | Fort Worth |
| Stanley, Margaret, e | Fort Worth | Walton, Marjorie Lynn, s-f-w-sp | Fort Worth |
| Starr, Fay H., e | Fort Worth | Ward, Phyllis, w-sp | Fort Worth |
| Statham, Lee Ray, sp | Phillips | Washburn, Charles E., s-f | Dallas |
| Stedman, Emily, f-w-sp | Fort Worth | Weaver, Leslie A., s-f-w-sp | Cleburne |
| Stegall, Mary, f-w | Fort Worth | Weaver, Phyllis, s-f | Fort Worth |
| Stephens, Jacquelyn, w-sp | San Angelo | Webb, Frank Olin, e | Dallas |
| Stevenson, Fontaine M., sp | Arlington | Webb, Harley Davis, s-f-w | Fort Worth |
| Stewart, Frank Duane, sp | Wichita Falls | Webb, J. F., e | Fort Worth |
| Stewart, John Kirk, w-sp | Jacksboro | Weinkrantz, Philip Henry, s-f | Dallas |
| Stockton, Mrs. Berta, e | Fort Worth | West, Thomas Porter, s-f | Abilene |
| Stone, William Claude, e | Fort Worth | Whitman, George Gordon, s-f | Fort Worth |
| Stuckey, Rosemary, f-w-sp | Longview | Wilchar, Robert, s-f-w-sp | Fort Worth |
| Swain, Grace, e | Fort Worth | Williams, Helen Dolores, w-sp | Wickett |
| Sykes, Charles Emons IV, e | Dallas | Williamson, Betty Nan, e | Rochelle |
| Taylor, Glen Bradley, e | Fort Worth | Wilson, Joseph Wright, sp | El Campo |
| Taylor, Joe, w-sp | Tulsa, Okla. | Wilson, Lottie Beth, e | Jonesboro |
| Taylor, Maxine, s-f-w | Fort Worth | Wilson, Malcolm Earl, s-f-w-sp | Dallas |
| Taylor, William Wintford, Jr., s | Fort Worth | Wolfe, Bettie Jo, f-w | Fort Worth |
| Terrell, Mary Lucille, f-w-sp | Fort Worth | Womack, Kenneth, s-f-w-sp | Fort Worth |
| Tevis, Sadie Beth, s-f-w-sp | Burkburnett | Wood, Clarence Raymond, s-f-w-sp | Fort Worth |
| Thach, Jesse George, e | Dallas | Wood, Ponder Elene, w-sp | Nocona |
| Thomas, Bettye Clyde, s-f-w-sp | Fort Worth | Wood, Robert Porter, w-sp | Elkhart |
| Thomas, N. B., s-f-w | Purcell, Okla. | Woodbury, Jane Olive, w-sp | Fort Worth |
| Thompson, Mary Paige, s | Fort Worth | Woody, Ida Faye, e | Fort Worth |
| Tonner, Mrs. Bernice, f-w-sp | Fort Worth | Wooten, Ernestine Alice, s-f-w-sp | Fort Worth |
| Toomey, Volens Michael, Jr., s-f-w | Houston | Wright, David Lewis, s-f-w-sp | Fort Worth |
| Trimble, Larry, s-f-w-sp | Hereford | Zukav, Sidney Samuel, e | Amarillo |
| Truesdell, Mrs. Nell E., s-f-w-sp | Fort Worth | | |

FRESHMEN

| | | | |
|--------------------------------|---------------------|-------------------------------------|-------------------|
| Acuff, Sara Alice, e | Fort Worth | Anderson, Roy J., w | Cleburne |
| Adcock, Jeanette, e | Haslet | Anderson, Shirley F., s-f-w-sp | Lufkin |
| Akin, Charles F., s-f | Fort Worth | Applegate, James M., sp | Los Angeles, Cal. |
| Albersen, James F., w-sp | Las Cruces, N. Mex. | Armstrong, Sister M. Evangelista, e | Fort Worth |
| Allen, Betty Ruth, e | Fort Worth | Armstrong, William Louis, sp | Chicago, Ill. |
| Allen, Leroy, sp | Altus, Okla. | Ashmore, James Edwin, e | Fort Worth |
| Allen, Roger Jefferson, e | Fort Worth | Atchison, Betty, f-w-sp | Fort Worth |
| Anderson, Derwin Basil, e | Oneonta, N. Y. | Atchison, James Fred, f-w | Frisco |
| Anderson, Dorothy Mae, e | Fort Worth | Athens, Dolores Jane, e | Fort Worth |
| Anderson, Harry Louis, f-w-sp | Fort Worth | Atherton, Edward O'Day, f-w-sp | Fort Worth |
| Anderson, John McElwee, f-w-sp | Fort Worth | Ayres, William Albert, f-w-sp | Fort Worth |
| Anderson, Leon Adolphus, f | Fort Worth | Bailey, Richard Earl, sp | Atascosa |
| Anderson, Lola, sp | Fort Worth | Bain, Jesse Leonard, e | Fort Worth |
| Anderson, Margie Marie, e | Kirkland | Baker, Etelka, e | Cleburne |
| Anderson, Myrtle Fay, e | Fort Worth | Balaban, Victor, e | Bronx, N. Y. |

FRESHMEN—Continued

| | | | |
|-----------------------------------|-----------------------|---------------------------------|----------------------|
| Baldwin, Cleora L., e | Fort Worth | Brooks, Janice Maxwell, e | Fort Worth |
| Bales, James Ollie, sp | Fort Worth | Brooks, Mary June, f-w-sp | Fort Worth |
| Bales, Robert Henry, s-f | San Marcos | Brown, Betty Standlee, e | Fort Worth |
| Ball, Mary Jean, e | Fort Worth | Brown, Charles Houston, s-f | Uvalde |
| Ball, Ralph, f-w | Arlington | Brown, Mrs. Ila Ruth, e | Fort Worth |
| Banks, Earlene, e | Fort Worth | Brown, Margaret, w-sp | Fort Worth |
| Bardin, Paul R., e | Fort Worth | Brown, Paul Eugene, e | San Pedro, Cal. |
| Barnard, Sarah Joyce, e | Fort Worth | Brown, Walter, w | Fort Worth |
| Barrett, Juanita, e | Fort Worth | Brown, Warren Thomas, sp | Fort Worth |
| Barrier, Mary Rebecca, s-f | Dallas | Brown, William W., s-f | Fort Worth |
| Barrow, Caroline, e | Electra | Browne, Maurine, e | Fort Worth |
| Barrow, Mildred Gwendolyn, f-w-sp | Graham | Brownlow, Vera Lee, e | Eliasville |
| Bartsch, Vernon Loel, sp | Norbeck, S. D. | Bryan, Lenore Belle, e | Fort Worth |
| Bassett, Norma Lee, e | Fort Worth | Bunn, David, w-sp | San Augustine |
| Bateman, Roy Albert, e | Fort Worth | Burnette, Billy Charles, w-sp | Lufkin |
| Baumgardner, Fred D., e | Fort Worth | Butler, John William, e | Fort Worth |
| Baxter, Harry Robert, sp | Ashland, Ohio | Bukowski, Beatrice Joyce, w-sp | Fort Worth |
| Beak, Betty, s-f-w-sp | Mason | Bunch, Ellen Jo, sp | Fort Worth |
| Beazley, Betty Lou, w-sp | Grand Rapids, Mich. | Burdick, William Harry, s-f-w | Fort Worth |
| Beardon, Paul, s-f | Phillips | Burkett, Billie Jane, f-w | Lufkin |
| Beasley, Ronald Rex, s-f-w-sp | Dallas | Burlingham, Barbara J., e | Fort Worth |
| Bechtol, Betty J., s-f | Fort Worth | Burrage, Patsy Joy, e | Fort Worth |
| Becker, Bryan, w-sp | Kaufman | Burse, Frances Ann, w-sp | Fort Worth |
| Belcher, Hazel Ruth, e | Vernon | Buschman, Robert Alfred, sp | Dallas |
| Bell, Beverly Jane, e | Fort Worth | Butterfield, Betty Ann, f-w | Fort Worth |
| Bell, Leon Herold, e | Klamath Falls, Oregon | Butterfield, Lanelle, w-sp | Fort Worth |
| Bermingham, Helen Louise, sp | Mineral Wells | Cameron, Woodrow Wilson, w-sp | Erwin, N. C. |
| Berry, John Chollar, s-f | Fort Worth | Camp, Betty Jane, w-sp | Dallas |
| Berry, Mabel Louise, sp | Fort Worth | Campbell, Drew Allen, e | Fort Worth |
| Betts, Billie Ruth, s | Fort Worth | Canter, Curtis K., w-sp | Houston |
| Biddle, Mary Lorene, e | Kilgore | Capps, Frances Joy, f-w-sp | Lakeview |
| Biggers, Enoch, f-w | Fort Worth | Carpenter, Beryl Jean, sp | Fort Worth |
| Billig, Lois Edith, e | Fort Worth | Carr, Callie Marie, e | Fort Worth |
| Bing, Lyndon, s-f-w-sp | Oakwood | Carson, John Reese, e | Los Angeles, Cal. |
| Bissex, Earl Riddle, s-f-w-sp | Edinburg | Carter, Doris McCarthy, e | Fort Worth |
| Blackwell, Gerald B., sp | San Bernardino, Cal. | Carter, Sally Mable, f | Fort Worth |
| Blackwell, Thomas Sanford, f-w-sp | Fort Worth | Case, Edward Morgan, s-f-w | Fort Worth |
| Blessing, Martha Doris, e-sp | Fort Worth | Catanzarite, Patsy, e | Fort Worth |
| Blevins, Graham Harrison, e | Los Angeles, Cal. | Cathey, Leota Pauline, e | Fort Worth |
| Boatman, Marie Margaret, e | Fort Worth | Catino, Kenneth Peter, e | Stamford, Conn. |
| Bóbo, Charles Elias, e | Fort Worth | Cederlund, John Arthur, s-f | San Francisco, Cal. |
| Boger, William E., f-w | Cleburne | Chadwick, Juanita Pauline, w-sp | Van Horn |
| Bohannon, Doris Louise, sp | Abilene | Chamberlin, Marta Boyd, sp | Fort Worth |
| Bohannon, Ruth Yvonne, e | Arlington | Champion, Lois Alice, e | Fort Worth |
| Bolen, Joseph Eldred, s-f-w | Jackson, Ala. | Chancy, Elgin G., e | Fort Worth |
| Bomar, Bill, e | Fort Worth | Chapman, Wanda Fay, e | Fort Worth |
| Bond, Kendall, f-w | San Marcos | Cheverton, Jeanne Alice, w-sp | Fort Worth |
| Boren, Darrell Wesley, sp | Fort Worth | Chilcutt, Dorothy J., sp | Fort Worth |
| Bousfield, Ida Elizabeth, e | Fort Worth | Chipman, Leona, w | Fort Worth |
| Bradshaw, Lucille Wunsford, e | Fort Worth | Chodorowski, John, Jr., e | Central Falls, R. I. |
| Brady, Mary Alice, w | Fort Worth | Christian, Helen Chase, sp | Fort Worth |
| Branch, James, s-f-w | Fort Worth | Chumbley, Jo Frances, f-w-sp | Fort Worth |
| Breaker, Lois, s-f-w | Houston | Church, Lo Ann, e | Fort Worth |
| Brennan, Lou, e | Fort Worth | Clapp, Frances, s-f-w-sp | Guymon, Okla. |
| Bridges, Allen Richard, e | Boyd | Clark, Polly Paye, f-w-sp | Iowa Park |
| Bridgess, Doris Jean, f-w-sp | Fort Worth | Clay, Mary Tom, e | Fort Worth |
| Bright, Martha Dell, f-w-sp | Cleburne | Cleveland, Henry Edward, f-w-sp | Fort Worth |
| Bristol, Albert Shelton, s-f-w-sp | Corsicana | Coale, Flo Marie, e | Fort Worth |
| Brock, James Ernest, s-f | Vernon | Coan, Lyndell Floyd, e | Fort Worth |
| Brooks, Harry Porter, e | Fort Worth | Coates, Joy, f-w-sp | Ozona |

FRESHMEN—Continued

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|-----------------------------------|---------------------|-----------------------------------|-------------------|
| Coates, Roy, f-w | Ozona | Dinkins, Joseph Hute, e | Fort Worth |
| Cochran, Robert T., Jr., sp | Sao Paulo, Brazil | Dixon, Ben Jay, sp | Fort Worth |
| Coffin, Robert Glenn, w-sp | Fort Worth | Dixon, W. C., sp | Fort Worth |
| Cole, Ronald Claude, s-f-w-sp | Fort Worth | Doane, Phyllis Jayne, e | Fort Worth |
| Coleman, Paul M., w-sp | Josephine | Dodson, Doris Mae, s-f-w | Columbus, Kan. |
| Collins, Jewell Hermaine, e | Orange | Doggett, Mary Adeliny, e | Godley |
| Collins, Marguerite Fern, e | Fort Worth | Dominguez, Celia, e | Fort Worth |
| Combs, Buford Carter, Jr., f | Electra | Douglas, Mrs. Dixie Sue, e | Bryan |
| Comer, Lois Lorene, f | Fort Worth | Douvres, Roger, e | Placerville, Cal. |
| Commons, Ralph Edward, Jr., e | Ferndale, Mich. | Drake, Frances Gay, e | Fort Worth |
| Conner, Robert Allen, w-sp | Loma Linda, Cal. | Drake, George Carl, e | Fort Worth |
| Connolly, Thomas E., Jr., s-f | San Francisco, Cal. | Drake, Ruby Mae, e | Fort Worth |
| Connors, Sue, sp | Fremont, Okla. | Duke, Melvin Leon, sp | Hobbs, N. M. |
| Conrad, Earl Wallace, w-sp | Fort Worth | Duke, Robert Melbourne, e | Fort Worth |
| Cook, Billie Mae, e | Fort Worth | Dukes, William F., e | Fort Worth |
| Cook, Dolores Jean, w-sp | Fort Worth | Duncan, Mary Elizabeth, s-f-w-sp | Tyler |
| Cooper, Phillips Hurst, sp | Fort Worth | Duncan, Harley F., e | Fort Worth |
| Cordry, Alta Marie, sp | Fort Worth | Duncan, William Howard, e | Cleveland, Mo. |
| Cordry, Eugene Allen, s-f-w-sp | Fort Worth | Durham, Ernest Ray, w-sp | Granbury |
| Cotham, Betty Sue, e | Electra | Dwyer, Theodeanne Anne, e | Fort Worth |
| Couch, Mrs. Frances Louise, e | Fort Worth | Dybvig, Elaine, w-sp | Dayton, Ohio |
| Coulter, Frances Biddle, f-w-sp | Fort Worth | Dyer, Paul, w-sp | Fort Worth |
| Counts, Ida Elizabeth, sp | Fort Worth | Edgemon, Martha Lee, e | Fort Worth |
| Counts, Mrs. M. C., e | Fort Worth | Edmondson, Thomas S., s-f-w-sp | Fort Worth |
| Cowart, Odie Merrill, e | Haslet | Edwards, Adelaide L., e | Fort Worth |
| Cox, Cecil Jack, s-f | Comanche | Edwards, George Truett, e | Fort Worth |
| Cox, Cecil Wiley, w-sp | Vinton, Va. | Egger, Victor Anselm, s | El Paso |
| Cox, Dorothy Mae, f-w | Fort Worth | Elliott, Carlita Joy, e | Eastland |
| Cox, James Waldo, Jr., f-w | Merkel | Elliott, Mary Belle, f-w-sp | Irving |
| Craft, Billy E., sp | Brice | Ellis, Marilyn Louise, w-sp | Fort Worth |
| Craig, Patricia Lou, sp | Fort Worth | Ellis, Robert Vernon, e | San Antonio |
| Cramer, Carolyn, e | Fort Worth | Ellsworth, D. P., sp | Dallas |
| Crawford, Mrs. W. M., e | Fort Worth | Epperson, Nel Lucille, s-f-w-sp | Rocksprings |
| Crockett, Ora Elizabeth, e | Brownwood | Erickson, Berger, e | Fort Worth |
| Crotty, John Vincent, e | Fort Worth | Erickson, Mabel C., e | Fort Worth |
| Crouch, Perry Bruce, sp | Terrell | Erwin, Evelyn, e | Fort Worth |
| Crow, James Robert, sp | Tulsa, Okla. | Evans, Bobbie Jean, e | Fort Worth |
| Crow, Sam Bruce, e | Fort Worth | Evans, H. E., f-w | Fort Worth |
| Crowley, Brooksie Nell, e | Houston | Evans, John Riley, e | Fort Worth |
| Crum, Marjorie Jo., e | Jermyn | Evans, Willodean, e | Fort Worth |
| Crutchfield, Bobbye Lee, s-f-w-sp | Fort Worth | Everett, Alice Carolyn, f-w-sp | Cleburne |
| Cunningham, Ruth Gertrude, e | Decatur | Everett, Bera Ruth, e | Fort Worth |
| Curran, Madge Omah, s-f | Fort Worth | Fagan, C. A., sp | Dallas |
| Currie, Carlie, f-w-sp | Coleman | Fairbrook, Celma Doris Hall, w-sp | Fort Worth |
| Daffron, Mrs. Christine H., e | Fort Worth | Faris, Bob Ray, f-w-sp | Fort Worth |
| Dameron, William Shirley, f-w-sp | Hereford | Farrar, Bettye Jo, e | Fort Worth |
| Dannenfelser, Carl, e | Fort Worth | Farrar, Claire, e | Fort Worth |
| Darby, Rosemary, f-w-sp | Fort Worth | Farrar, Kathryn, e | Fort Worth |
| Davidson, Myrtle K., s-f-w-sp | Fort Worth | Farrell, Catherine Jane, e | Pawhuska, Okla. |
| Davis, B. Bryce, f-w-sp | Fort Worth | Feagan, Betsy, s-f-w-sp | Fort Worth |
| Davis, Gloria Gay, e | Fort Worth | Fewel, Johnnie Lee, f-w-sp | Fort Worth |
| Davis, Johnnie Sue, e | Fort Worth | Fillingim, Richard Morgan, f | Fort Worth |
| Davis, Mary Lee, e | Fort Worth | Fishback, William Alonzo, w-sp | Fort Worth |
| Davis, Phala Kathryn, f-w-sp | Hamlin | Fisher, Bettye C., e | Fort Worth |
| Deas, Nancy R., e | Coffeerville, Ala. | Fleeger, Tom H., sp | Tulsa, Okla. |
| DeFee, Edith Elizabeth, e | Fort Worth | Fleming, Mrs. Neva, w | Elgin |
| DeGrazier, Annette Powell, e | Fort Worth | Fletcher, Joyce Dione, e | Fort Worth |
| Denney, James Carl, e | Fort Worth | Flint, Betty May, s | Artesia, N. Mex. |
| Dent, Tommie Mae, s-f-w-sp | Fort Worth | Flowers, Quannah Kathryn, e | Fort Worth |
| Denton, Mrs. Mabel, e | Fort Worth | Flynn, Richard Paul, e | Plainfield, N. J. |

FRESHMEN—Continued

| | | | |
|--------------------------------|---------------------|---------------------------------|-------------------|
| Ford, Marion Thomas, w-sp | San Antonio | Griffith, E. Clay, s-f | Weinert |
| Forman, Beverly Gene, e | Fort Worth | Griffith, Norma Lou, e | Fort Worth |
| Forman, Clint M., s-f-w | Decatur | Grumbles, Rebecca Ann, f-w-sp | Fort Worth |
| Fournier, Andre Deaver, s-f | Fort Worth | Guagliardo, Joan G., e | Mt. Morris, N. Y. |
| Fraley, Charles Johnson, f-w | Chelsea, Okla. | Gunderson, Nettie, e | Fort Worth |
| Fraley, Lucile Bandy, e | Fort Worth | Gunn, Carl John, e | Fort Worth |
| Fralia, Betty Marie, w-sp | Fort Worth | Gunter, Bishop, sp | Fort Worth |
| Frels, June Marie, f-w | Ennis | Gustafsen, Charlie, f-w | Houston |
| Frey, Billy Van, sp | Parsons, Kans. | Gutkowski, Steve Stephen, s-f-w | Fort Worth |
| Freyschlag, Charles Ralph, f | Eastland | Hadden, Ellen Avis, w-sp | Dallas |
| Friedman, Gilbert Jay, e | Beverly Hills, Cal. | Haddix, Nancy, f | Fort Worth |
| Friend, John Chollar, sp | Fort Worth | Hair, Noveline, e | Fort Worth |
| Fuqua, Charles L., sp | Fort Worth | Hall, Billie Jean, e | Fort Worth |
| Fuller, Velma, e | Fort Worth | Hall, Frances G., e | Fort Worth |
| Gaddis, Edward E., sp | Fort Worth | Hall, Juanita B., e | Fort Worth |
| Gaddy, Paris Maurene, f-w-sp | Fort Worth | Hall, Ralph Moody, e | Rockwall |
| Gall, Hugh Sterling, e | Fort Worth | Hamilton, John Louis, s | Fort Worth |
| Gann, Sam H., s | Fort Worth | Hamilton, Joyce Evelyn, e | Fort Worth |
| Gardner, Frank French, s | Miami, Fla. | Hampton, Theadore Otis, e | Fort Worth |
| Gardner, Ralph J., e | Fort Worth | Hander, Juanita Aurelia, e | Belton |
| Garren, W. D. "Dub", s-f-w | Van Horn | Haney, Marie Lucille, e | Fort Worth |
| Garrison, Lucy Jean, sp | Fort Worth | Hannifin, Rosemary K. | Roswell, N. Mex. |
| Garmon, Dorothy, e | Fort Worth | Hannigan, Edward Joseph, w-sp | Fort Worth |
| Garmon, Giles, e | Fort Worth | Hansen, Donald Edward, w-sp | Fort Worth |
| Gates, Erby Mae, e | Fort Worth | Hardy, Erleyne Elvera, s-f-w-sp | Fort Worth |
| Gee, Edith Monterey, e | Granbury | Harris, Florence W., e | Fort Worth |
| Geist, Leroy Calvin, sp | Brooklyn, N. Y. | Hawkins, Dorothy L., e | Fort Worth |
| Gengler, Audrey Cecilia, e | Fort Worth | Harp, Billie Janice, f-w-sp | Childress |
| Gentzler, Harold, w-sp | Wichita, Kans. | Harper, Billy Sidney, sp | Amarillo |
| George, Robert Wesley, e | Fort Worth | Harper, Irene Cecilia, w-sp | Fort Worth |
| Gephart, Rachel Elizabeth, e | Fort Worth | Harper, Robert Carlton, e | Fort Worth |
| Gibson, Margaret, sp | Elm Mott | Harris, Dick S., s-f-w-sp | Fort Worth |
| Giges, Mrs. H. M., w-sp | Fort Worth | Harris, Dorothy Ellen, e | Greggton |
| Gillespie, Donald, s | Oakland, Cal. | Harris, Frances Marie, e | Fort Worth |
| Gillespie, Margaret Alice, w | Fort Worth | Harrison, Mattie G., sp | Fort Worth |
| Gipson, Charles Harvey, e | Fort Worth | Hart, Betty Jean, f-w-sp | Shreveport, La. |
| Glaze, Billie Marie, e | Fort Worth | Hart, Mary L., e | Fort Worth |
| Glover, Peggy, f-w-sp | Pecos | Hartgroves, Fern Agnes, e | Fort Worth |
| Goffe, Aaron Paul, e | Fort Worth | Harwood, Lora Dell, s-f-w | Fort Worth |
| Goggans, Geraldine, e | Birthingright | Hasley, Thelma Gene, e | Fort Worth |
| Goodwin, Lynette Angelus, w-sp | Fort Worth | Hassen, Eddie, s-f-w | Moran |
| Gouldy, Averill, e | Fort Worth | Hathorn, Ollie Ray, s-f-w-sp | Justin |
| Graalman, Vernon Gilbert, e | Fort Worth | Haynes, Charles, s-f-w | McGregor |
| Grace, Charlsie Marie, e | Fort Worth | Haynie, Betty Deane, e | Fort Worth |
| Grady, James Earl, sp | Burkburnett | Heinz, Bette Kaye, e | Fort Worth |
| Graham, David Mac, sp | Houston | Helpensteller, Veronica, e | Fort Worth |
| Graham, Gloria, s | Cisco | Helm, George Meredith, f | Fort Worth |
| Graham, Jean, sp | Fort Worth | Hemphill, James Henry, e | Fort Worth |
| Gray, Edwin Willard, sp | Cleburne | Henderson, Roland Milton, w-sp | Forestburg |
| Green, James Thomas, Jr., s-f | Loraine | Heppel, Katherine J., w-sp | Fort Worth |
| Green, Rosalie, sp | Fort Worth | Herrin, Dorothy Mae, e | Fort Worth |
| Green, Ruth, sp | Fort Worth | Hertell, Joseph Alan, s-f | Fort Worth |
| Greene, Charlotte, f-w-sp | Fort Worth | Hibbard, David E., sp | Palo Alto, Cal. |
| Greer, Charles Francis, sp | Fort Worth | Hibbard, Rockwell N., sp | Houston |
| Greer, Mabel Leatrice, e | Carbon | Higginbotham, Frances H., e | Fort Worth |
| Greer, Robert Marr, e | Dallas | Higgins, Mary Jane, e | Fort Worth |
| Gregory, Billie Ruth, w-sp | Fort Worth | Hilburn, Loyd Ray, sp | Red Oak, Okla. |
| Grice, Donna Isabell, e | Fort Worth | Hines, Mary, sp | Fort Worth |
| Griffin, Agnes Jeanette, e | Fort Worth | Hinson, Cynthia Ruth, e | Fort Worth |
| Griffin, Kathleen Regina, sp | Fort Worth | Hobbs, Margie Ann, f-w-sp | Fort Worth |

FRESHMEN—Continued

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| Hodges, Mildred F., e | Fort Worth | Jones, R. E., sp | Fort Worth |
| Hogan, Jeanne Elaine, e | Arlington | Jordan, Burnice Rounsavall, e | Fort Worth |
| Hogan, Pat, s-f-w-sp | Fort Worth | Joy, Harmon Rube, w-sp | Brady |
| Holden, James H., w-sp | Fort Worth | Joyner, Hubert Lester, Jr., sp | Fort Worth |
| Holder, Tommye, e | Fort Worth | Karges, Joann, f-w-sp | Fort Worth |
| Hollis, James Mack, sp | Fort Worth | Keel, Earl Tom, w | Fort Worth |
| Holt, Bonnie Dee, e | Fort Worth | Keenan, Charles Huber, Jr., sp | Fort Worth |
| Hood, Vi Ellen, e | Fort Worth | Keenan, Richard Bernard, sp | Rochester, N. Y. |
| Hooton, Mrs. Gladys Mildred, e | Fort Worth | Keeter, Dorothy, f-w-sp | Fort Worth |
| Hoover, Joyce Janell, e | Fort Worth | Keeton, Joe W., e | Fort Worth |
| Horn, Lavinia Sue, e | Fort Worth | Kelley, Earl Allen, s-f-w | Mineral Wells |
| Hornsby, Betty C., w-sp | Fort Worth | Kemper, Bernhard, e | Powell, Wyo. |
| Horton, Finas Wade, sp | Fairfield | Kendall, John Kenneth, e | Fort Worth |
| Horton, Julia Guinevere, e | Fort Worth | Keown, Kenneth S., e | Fort Worth |
| Howard, Llewellyn, e | Fort Worth | Kesterson, George E., III, s-f | Graham |
| Huckabee, Mary Joe, e | Happy | Key, Mary Helen, s-f-w-sp | Odessa |
| Hudson, Harlan Rowen, e | Fort Worth | Kibbee, John Allen, s-f-sp | Fort Worth |
| Hudson, Matson, Delbert, f-w | Fort Worth | King, Jimmie Hugh, e | Cleburne |
| Huff, Helen, e | Fort Worth | King, Reba Faye, f-w-sp | Fort Worth |
| Huffman, Raymond Louis, s-f-w | Borger | Kinney, Dixie Nell, w-sp | Fort Worth |
| Hughes, Mrs. John M., w-sp | Houston | Kirkpatrick, Richard, sp | Denison |
| Humphreys, Vonie Rex, f-w | Mineola | Kiser, Alice, w-sp | Fort Worth |
| Hunter, Albert Ross, s-f | Canyon | Kivlen, John, sp | Houston |
| Hunter, Gilbert, sp | Fort Worth | Klein, John Howard, e | Dallas |
| Hunter, Vaughn Devane, e | Childress | Knock, Helen Marie, e | Fort Worth |
| Hurt, Vivian Walline Ford, e | Fort Worth | Kogan, Pete George, sp | Fort Worth |
| Hyde, Edward Roney, s-f | Mabank | Kreberg, Marjorie Catherine, e | Fort Worth |
| Hyland, Joyce Constance, e | Fort Worth | Kroll, Janet Elizabeth, f-w-sp | Houston |
| Isacs, Sam C., e | Arlington | Kucera, Joseph, sp | Edna |
| Ivins, Betty Jo, e | Fort Worth | Lacy, Paul Cecil, s-f-w-sp | Dallas |
| Jack, John C., sp | Dallas | Lail, Zada Gray, e | Fort Worth |
| Jackson, George C., e | Fort Worth | Lance, June Ruthel, e | Perryton |
| Jackson, Jesse Edith, e | Fort Worth | Landers, Loyd Lyle, e | Granbury |
| Jackson, Mildred, s-f-w-sp | Fort Worth | Landis, Frank B., f | Fort Worth |
| Jackson, Ransom Joseph, sp | Corpus Christi | Landrum, Hugh Donald, sp | Shreveport, La. |
| Jacob, Leta E., e | Fort Worth | Lane, Doris Ann, s-f-w-sp | Fort Worth |
| Jacobs, Louise Adelle, f-w-sp | Fort Worth | Lansford, Marcie, e | Fort Worth |
| James, Eugene L., f-w-sp | Fort Worth | Larrabee, Ruby Lee, e | Ardmore, Okla. |
| Jenkins, Frances, f-w-sp | Cuthbert | Latham, James Robert, e | Dallas |
| Jennings, Norman W., s-f-w-sp | El Paso | Laws, James Dewey, s-f | McAlister, Okla. |
| Jennings, Tyre Lee, sp | Dallas | Lawson, Mary Elizabeth, f-w-sp | Bay City |
| John, Jeanette, f-w-sp | Fort Worth | Lay, Jack E., sp | Fort Worth |
| Johns, Lester Paul, Jr., e | East St. Louis, Ill. | Leamer, Betsy, e | Dallas |
| Johnson, Arthur Joseph, e | El Dorado, Ark. | Lebman, Francis Lofern, e | Fort Worth |
| Johnson, Bonnie Belle, e | Fayetteville, Ark. | Ledridge, Robert Bond, w-sp | Island City, Ore. |
| Johnson, Charlotte, w-sp | Shreveport, La. | Lee, Joe Bill, w-sp | Fort Worth |
| Johnson, Hollis Newby, s | Gordon, Ga. | Leeper, Bonnie Jean, e | Fort Worth |
| Johnson, Howard Brantley, s | Dallas | Leland, Oleta Winters, e | Fort Worth |
| Johnson, Marion, w-sp | Fort Worth | Leonard, Paul, w-sp | Fort Worth |
| Johnson, Marjorie Blye, e | Fort Worth | Lewis, Mary Moore, sp | Eden, Ala. |
| Johnston, Alex w | Texarkana | Lewis, Steve Lafayette, w-sp | Hico |
| Johnston, Anna Clare, e | Fort Worth | Light, Katherine, s-f-w-sp | Fort Worth |
| Johnston, Joyce Hazel, e | Fort Worth | Lindner, Leon Gregor, e | Fort Worth |
| Johnston, Leon, e | Fort Worth | Lindsey, Nedra Phyllis, e | Fort Worth |
| Jones, Mrs. Alma, e | Fort Worth | Lindsey, William Floyd, e | Fort Worth |
| Jones, Carl Houston, sp | Corpus Christi | Lipe, Geneva Ifabell, e | Fort Worth |
| Jones, Clara Nadin, e | Fort Worth | Little, Edith Fay, e | Fort Worth |
| Jones, Harold Lionel, e | Fort Worth | Livesay, Marvin Eugene, Jr., e | Fort Worth |
| Jones, Jerry Lynn, f-w-sp | Talco | Livingston, William Walter, e | Hollywood, Cal. |
| Jones, Martha Louise, e | Fort Worth | Looney, Robert Everett, w-sp | Austin |

FRESHMEN—Continued

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| Loper, Richard Maddisson, Jr., s-f | Glen Rose | Matelan, Mathew Albert, e | Fort Worth |
| Louden, Mary Alice, f-w-sp | Fort Worth | Maxey, Robert, s-f-w-sp | Fort Worth |
| Loughmiller, Pearl L., s-f-w | New Summerfield | May, Daniel G., e | Fort Worth |
| Low, James Emmett, f-w-sp | Fort Worth | Mayfield, Vernon C., s-f-w-sp | Fort Worth |
| Lowrey, Ann, f-w-sp | Shawnee, Okla. | Meacham, Helen Ann, f-w-sp | Dallas |
| Luce, Ollie Travis, e | Springfield, Mo. | Mead, Lelia, e | Fort Worth |
| Luck, Billie J., sp | Fort Worth | Meals, Raymond Claude, e | Fort Worth |
| Lunsford, Mary, e | Fort Worth | Meason, Shirley, f-w-sp | Longview |
| Luper, Patrick Henry, f | Comanche | Medford, Barbara, f-w-sp | Fort Worth |
| Lusk, Martha Elizabeth, e | Fort Worth | Mehargue, David G., e | Harrisburg, Pa. |
| Lyle, Martha, e | Fort Worth | Melton, Mary Constance, e | Fort Worth |
| McCaleb, Irma Lawson, e | Fort Worth | Mercer, Edith Irene, f-w | Fort Worth |
| McCamy, Edward Davis, e | Fort Worth | Merritt, Lucy Jane, e | Mountainair, N. M. |
| McCartney, Carolyn, f-w-sp | Waxahachie | Merritt, William Alfred, w-sp | Fort Worth |
| McCarty, Edward M., w-sp | Fort Worth | Mewborn, Pearl Louise, e | Fort Worth |
| McCarty, Garland D., e | Fort Worth | Milby, Gordon M., e | Fort Worth |
| McClellan, Laura A., e | Fort Worth | Miles, Helen Louise, w-sp | Fort Worth |
| McCommon, Mattie Sue, e | Fort Worth | Miley, Grover, w-sp | Iowa Park |
| McConnell, William Keller, e | Fort Worth | Miller, Charles C., Jr., s-f-w-sp | Fort Worth |
| McCormack, Mary Arlene, e | Fort Worth | Miller, Frances, sp | Fort Worth |
| McCoy, Johnnie Jo, sp | Fort Worth | Miller, Marylou, f-w-sp | Fort Worth |
| McDaniel, Matricia Joan, s-f-w-sp | Comanche | Miller, Mrs. Sara Post, e | Fort Worth |
| McDurmitt, Jack, w-sp | San Angelo | Million, Rose, s-f-w-sp | Fort Worth |
| McEntire, Tommie Jean, e | Fort Worth | Mills, David, f-w-sp | Fort Worth |
| McGee, Leerece, f-w-sp | Paris | Mills, Frances Normalene, e | Fort Worth |
| McGee, Mrs. Ruby, w-sp | Fort Worth | Mills, Pansy Marie, e | Fort Worth |
| McGehee, Donald, w-sp | Fort Worth | Minyard, Betty Ann, s-f-w | Fort Worth |
| McKay, Joan, f-w-sp | Longview | Mitchell, Ellen Louise, e | Fort Worth |
| McKay, Mildred Nadine, e | Borger | Moates, Betty June, e | Fort Worth |
| McKee, Bonna J., f-w-sp | Ennis | Montgomery, Phyllis Jean, w | Fort Worth |
| McKee, Doris Irene, e | Fort Worth | Moore, Charles Cyril, s | Dallas |
| McKee, France, s-f-w-sp | Fort Worth | Moore, Ellaraye, e | Fort Worth |
| McKee, James Patrick, s-f-w-sp | Fort Worth | Moore, Luther, w-sp | Great Bend, Kan. |
| McKinney, Nancy, w-sp | Tioga | Moore, Mona Dell, sp | Cisco |
| McLeland, Kenneth, w | Fort Worth | Moore, Verdo Swayne, w | Fort Worth |
| McMahon, Jo Ann, sp | Fort Worth | Moore, William Emerson, s | Fort Worth |
| McMichael, Billy Joe, sp | Cason | Morgan, David Mangrum, s-f | Dallas |
| McNutt, Wayne E., sp | Fort Worth | Morgan, Susie E., e | Fort Worth |
| McPherson, William Wallace, e | Fort Worth | Morrill, Norman, s-f | San Francisco, Cal. |
| McRae, Roland Delmar, sp | Ivanhoe | Morris, Joseph A., e | Wendell, N. C. |
| Mack, Dorothy Jane, e | Fort Worth | Morris, Mrs. Katy, e | Fort Worth |
| Mackey, H., f-w-sp | Colorado Springs, Colo. | Mortensen, Beulah Maxine, w-sp | Fort Worth |
| Maddox, Iris A., w | Fort Worth | Moseley, Dorothy, s-f-w-sp | Dundee |
| Magill, Helen Ruth, e | Fort Worth | Moses, Billie June, w-sp | Fort Worth |
| Mahan, Billie May, e | Fort Worth | Moss, Onie Mae, e | Fort Worth |
| Mann, Janina Beth, e | Fort Worth | Moxley, John Bolton, w | Fort Worth |
| Manning, Marinelle, e | Fort Worth | Mueller, Belmont Frank, w-sp | St. Louis, Mo. |
| Maples, Wayne, s-f-w | Crockett | Mullins, Harry Sidney, sp | Fort Worth |
| March, Arthur J., s-f-w | Shelburne Falls, Mass. | Murphy, Jeraldine Juanita, e | Fort Worth |
| Marra, James Vincent, e | Fort Worth | Murphy, Mary Frances, e | Fort Worth |
| Martin, Charles O'Dell, e | Fort Worth | Murray, Elizabeth Jane, e | Fort Worth |
| Martin, Ethel Natalie, f-w | Fort Worth | Myers, Willis Smith, w-sp | Fort Worth |
| Martin, Ivarene, f-w-sp | Lufkin | Naas, Audrey, s-f-w-sp | Minneapolis, Minn. |
| Martin, Ruth Mozelle, e | Fort Worth | Nance, Mary Frances, sp | Fort Worth |
| Martin, William Waitman, f-w-sp | Fort Worth | Neale, Billy Richard, w-sp | Denton |
| Martinez, Lee Allen, e | Fort Worth | Nedler, Adelyne Evelyn, s-f-w | Fort Worth |
| Mason, George, s | Fort Worth | Neel, Paula Jane, e | Fort Worth |
| Mason, Jesse, sp | Dallas | Neff, Oma Denise, e | Fort Worth |
| Massey, Tom, e | Fort Worth | Nelson, Jessie, e | Fort Worth |
| Masters, Donald, s-f-w-sp | Fort Worth | Nelson, Mary Louise, w-sp | Dalhart |

FRESHMEN—Continued

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| Nesbitt, Billie Jo, s-f-w | Big Sandy | Phillips, Betty Jo, w-sp | Fort Worth |
| NeSmith, George Alfred, e | Cochran, Ga. | Phillips, Billie Merle, f-w-sp | Fort Worth |
| Nichols, Charles Stevenson, f-w-sp | Fort Worth | Pickett, Robert Lee, Jr., sp | Arlington |
| Nicholson, Jurene, f-w-sp | Fort Worth | Pigmon, Bill, s-f | Pecos |
| Nieman, Billy, w | Brownwood | Pinnell, Rosamonde, e | Fort Worth |
| Nobles, Laura B., s | Handley | Pipes, Roberta, e | Fort Worth |
| Norris, Jack Kenneth, f | Fort Worth | Pleshek, Harriet, e | Fort Worth |
| Norris, Ouida, s-f-w | Kilgore | Podrouzek, William, sp | Omaha, Nebr. |
| Norton, Doris LaVerne, e | Fort Worth | Poff, Harman Bryan, w-sp | Fort Worth |
| Norton, George Arthur, sp | Fort Worth | Pogue, Alma, e | Fort Worth |
| Nunn, Robert Read, sp | Houston | Polk, Bernard Anthony, e | Fort Worth |
| Nuss, Dorothy Jean, s-f-w-sp | Fort Worth | Pollard, Billy Jack, w | Gatesville |
| O'Brien, Ellen Virginia, w-sp | Fort Worth | Pope, Dorothy Elizabeth, e | De Kalb |
| O'Connor, Marjorie Ann, f-w-sp | Dallas | Porter, Betty Jo, f-w-sp | Fort Worth |
| Offutt, Bette, s | Fort Worth | Porterfield, Ives Mae, s-f | Fort Worth |
| Olson, Lois Edith, e | Colorado City | Poulsen, Frank, w-sp | Fort Worth |
| O'Melia, Raymond, w-sp | Tulsa, Okla. | Powell, Raymond Jacob, sp | Austin |
| Orr, Myra Ellen, f-w-sp | Kanona, Kan. | Prater, Billy Jo, f-w-sp | Memphis |
| Ortega, Hernando, sp | Panama City, Panama | Prather, Mary Ellen, e | Fort Worth |
| Ortega, Jaime, sp | Panama City, Panama | Prather, Reba Nell, e | Fort Worth |
| Osburn, Bonnie Fae, f-w-sp | Fort Worth | Prather, Retha Dell, e | Fort Worth |
| Overbeek, Howard John, sp | Kalamazoo, Mich. | Prather, Ruby Edith, e | Fort Worth |
| Overton, Charles, s-f-w | Bryan, Ohio | Prell, Madge Josephine, e | Fort Worth |
| Owen, Harry, w | Fort Worth | Prelutsky, Martin, e | Fort Worth |
| Owen, Mary Elizabeth, e | Fort Worth | Price, James Preston, s-f | Coleman |
| Owens, James Grant, e | Keller | Price, Stella Marie, e | Fort Worth |
| Owens, Lottie Jo, f-w-sp | Ozona | Prior, Norma Ruth, e | Fort Worth |
| Owens, Virginia Marie, e | Fort Worth | Pryor, William Richard, e | Fort Worth |
| Padgett, Clara Ellen, w-sp | Fort Worth | Puma, Maurice, s-f-w | Fort Worth |
| Padgett, Mrs. Ola, e | Fort Worth | Raines, Roger Estes, e | Fort Worth |
| Padon, Rosalyn Catharine, w-sp | Fort Worth | Rainey, Walter Scott, sp | Fort Worth |
| Painter, Joel R., s-f-w-sp | Grand Saline | Ralls, Ruby Ruth, s-f-w-sp | Weatherford |
| Palmer, Sarah Louise, f-w-sp | Roswell, N. M. | Ramey, Augusta Alice, sp | Dallas |
| Palmer, Thomas Wayne, s-f-w-sp | Levelland | Randall, Homer D., s-f-w-sp | Fort Worth |
| Pannell, William, sp | Fort Worth | Rankin, Edward Ernest, s-f-w-sp | Fort Worth |
| Pardue, Donald L., e | Fort Worth | Reader, C. W., s-f-w-sp | Vanport City, Ore. |
| Pardue, Imogene, e | Fort Worth | Redden, Richard Carlyle, e | St. Louis, Mo. |
| Parker, Clarence Edelle, sp | Tyler | Redus, William Pitt, s | Mineral Wells |
| Parker, Glenn George, w-sp | Corpus Christi | Regan, Billie Jean, sp | Fort Worth |
| Parks, Bill Roy, w | Brownwood | Reimers, Linda Ray, f-w-sp | Fort Worth |
| Parr, Dorothy, f-w-sp | Greenville | Reineke, Mary Jane, f-w-sp | Fort Worth |
| Parsons, Mary Lee, e | Fort Worth | Reynolds, Helen Katherine, s-f-w | Fort Worth |
| Paschal, Bobby Joe, w | Fort Worth | Reynolds, Inez Latrell, f-w | Fort Worth |
| Passmore, Marianne, e | Fort Worth | Rheinlander, Bobbie Lee, s-f-w-sp | Fort Worth |
| Pate, Jack, f-w-sp | Paducah | Rice, Margaret, e | Fort Worth |
| Pate, LaVeta Leora, f-w-sp | Paducah | Richards, Ruth Evelyn, e | Fort Worth |
| Patrick, Leon Henry, sp | Sulphur Springs | Richardson, Alvin Wayne, sp | Fort Worth |
| Patterson, Mary Frances, w | Fort Worth | Richardson, Betty McKay, e | Borger |
| Payne, Eula Mae, e | Fort Worth | Richardson, Gradilove, f-w-sp | Fort Worth |
| Payne, John Jackson, e | Fort Worth | Richardson, Helen, w-sp | Fort Worth |
| Pearce, Betty Alice, sp | Fort Worth | Riddle, Eddie Jabe, f-w-sp | Fort Worth |
| Pearson, Lynn, f-w-sp | Ranger | Riggs, Helen Katherine, e | Burnet |
| Pearson, Mercedes, f-w-sp | Ranger | Riggs, Poly Hollingsworth, e | Fort Worth |
| Permar, George, e | Fort Worth | Ritchey, Agnes, e | Fort Worth |
| Perry, Doris Clercie, e | Fort Worth | Ritenour, Patsy Jane, w-sp | Fort Worth |
| Perry, John Duron, Jr., e | Abilene | Roach, John Thomas, e | Milwaukee, Wis. |
| Petrucchi, Frank, e | Fort Worth | Roach, John William, f-w-sp | Fort Worth |
| Petta, Beverly V., e | Fort Worth | Roach, Mary Arlene, e | Fort Worth |
| Phenix, George Monnig, e | Fort Worth | Roberts, Catherine Ann, e | Fort Worth |
| Phillips, Betty Jeanne, f-w-sp | Dallas | Roberts, Ellis, s-f-w | Gainesville |

FRESHMEN—Continued

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|-----------------------------------|------------------|------------------------------------|---------------------|
| Roberts, Jimmy C., Jr., s-f-w-sp | Fort Worth | Simon, Dee Ann, s-f | Fort Worth |
| Roberts, Margaret Erle, f-w-sp | Cleburne | Simpson, Sally Ann, sp | Rocky River, Ohio |
| Roberts, Matthew C., sp | Terrell | Sims, Daphne Nell, e | Fort Worth |
| Robertson, Josephine Lee Nora, e | Fort Worth | Sims, Henry Lee, sp | Angleton |
| Robinson, Charles Edwin, sp | Fort Worth | Sitton, Hazel, e | Pyote |
| Rodgers, Mary Sue, w-sp | Fort Stockton | Slagle, Margaret, f-w-sp | Fort Worth |
| Rogers, Sibyl, e | Fort Worth | Slaughter, Francis Meredith, sf | Menard |
| Rogers, Bill H., w-sp | Muskogee, Okla. | Slaydon, Archie Glynn, sp | Daisetta |
| Rominger, Georgema, f-w-sp | Fort Worth | Slough, Winola, s | Fort Worth |
| Rosamond, Betty Gene, w-sp | Fort Worth | Smiley, David, s-f-w-sp | Damoh, U. P., India |
| Roszel, Bill Lewis, e | Fort Worth | Smith, Aubrey Jean, f | New Rochelle, N. Y. |
| Rotton, Dorothy Christine, e | Fort Worth | Smith, Bill Burditt, f | Cleburne |
| Routh, Robert L., Jr., s-f-w-sp | Gatesville | Smith, Billy Dell, w | Fort Worth |
| Routt, Patsy Ruth, e | Fort Worth | Smith, Clarence Howard, s | Fort Worth |
| Rowan, Charles Hanson, s | Lorman, Miss. | Smith, Harvey Taylor, Jr., f | Fort Worth |
| Royal, Dorothy Jane, f-w | Fort Worth | Smith, Herman, sp | Fort Worth |
| Rudd, Charles Henry, s-f-w | Center | Smith, Ima Jean, e | Fort Worth |
| Rudmose, Wilma Jean, f-w-sp | Fort Worth | Smith, James G., sp | Fort Worth |
| Runnels, Betty Jo, f-w-sp | Fort Worth | Smith, Jean, w-sp | Rochelle, N. Y. |
| Russell, Eloise, w | Navasota | Smith, Laura Steeves, e | Fort Worth |
| Russell, Joe Neil, s-f-w | Roysse City | Smith, Nell Marie, s | Fort Worth |
| Russell, Mary Genevieve, s-f-w-sp | Fort Worth | Smith, Phillis Ann, s-f | Houston |
| Russo, Mary Ella, e | Fort Worth | Smith, Wanda Joy, e | Fort Worth |
| Rutherford, Grover Carlisle, e | Lafayette, Ind. | Smith, William Francis, sp | Washington, D. C. |
| Rutherford, Robbie Gene, w | Fort Worth | Smithe, Patricia Ruth, e | Fort Worth |
| Rutledge, Floyd Wayne, s-f | Amarillo | Smyth, Gladys, f-w-sp | Chicago, Ill. |
| Sailers, Bob, s-f | Dallas | Snowden, Lura Fay, f-w-sp | Elgin |
| Sanders, Peggy Louise, e | Cleburne | Soldatek, Leo Barnard, e | Detroit, Mich. |
| Sanders, Robert Hugh, w-sp | Tomball | Sontag, Stanley John, w-sp | Mankato, Minn. |
| Sanford, Ruby Lee, e | Fort Worth | Sorensen, C. J., s-f-w-sp | San Francisco, Cal. |
| Sarner, John Ray, s-f | Fort Worth | Sosbee, Mrs. Mildred Hazel, f-w-sp | Fort Worth |
| Scarborough, Thelma Jean, s-f-w | Fort Worth | Southwick, Estelle, s-f-w-sp | Houston |
| Schlittler, Dorothy Jordan, e | Fort Worth | Sparks, Robert Patrick, f | Fort Worth |
| Schroeder, Charles, w-sp | Kansas City, Mo. | Spears, Marjorie Jane, sp | Fort Worth |
| Schuessler, Sadie, s-f-w-sp | Mason | Spears, Maurice, s | Fort Worth |
| Schunder, Pollye Sue, e | Fort Worth | Stack, Boyd, s-f | San Francisco, Cal. |
| Schwabauer, Clarence F., e | Wichita, Kan. | Stahl, Walter Leroy, Jr., e | Ohio City, Ohio |
| Scott, Dorothea Lea, w-sp | Cleburne | Standridge, James Allen, sp | Ft. Gibson, Okla. |
| Scott, Earl Constantine, Jr., sp | Fort Worth | Stark, Betty, s-f-w-sp | Gainesville |
| Scott, Virginia Ruth, e | Cleburne | Steele, Clarabele (Pit), f-w-sp | Fort Worth |
| Searcy, Ronald Charles, e | Fort Worth | Stegall, Sue, f | Brookfield, Mo. |
| Sears, Oweta Faye, f-w-sp | Hutchins | Stenzel, Audrey Lorene, s-f-w-sp | Fort Worth |
| Shadwick, Ivan L., e | Fort Worth | Stephens, Calvin, f-w-sp | Grayback |
| Shahon, Dorothy, e | Fort Worth | Stephens, Mrs. Mary, e | Fort Worth |
| Shamblin, Paul Otis, f | Moody | Stevenson, Harold Roland, w-sp | Canadian |
| Shamburger, Peggy, f-w-sp | Tyler | Stewart, Margaret Louise, e | Fort Worth |
| Sharp, Alice Elizabeth, e | Fort Worth | Stewart, Tom, f-w | Fort Worth |
| Shaw, Lewis C., s-f-w-sp | Luling | Stine, Betty Pauline, e | Fort Worth |
| Shaw, Nelwyn, f-w | Greggton | Stoner, Beth, f-w-sp | Altus, Okla. |
| Sheipman, Joseph B., e | Fort Worth | Strauss, Frances, f-w-sp | Ganado |
| Shepherd, Margaret Louise, e | Olney | Street, Jack Osburn, e | Fort Worth |
| Sherer, Richard, w-sp | Fort Worth | Streeter, Jewell, e | Fort Worth |
| Shields, Bill, w-sp | San Antonio | Streetman, Rose Emma, e | Pawhuska, Okla. |
| Shields, Sandy, sp | Fort Worth | Strickland, Clara, e | Fort Worth |
| Shipper, Mary Louise, e | Arlington | Stropp, Dorothy Rhudy, w | Fort Worth |
| Shirley, Ruth Edwina, e | Springtown | Strosberg, Virginia M., e | Denison |
| Short, Maurice, e | Fort Worth | Styner, Betty Ann, sp | Fort Worth |
| Shosid, Joe, f-w-sp | Fort Worth | Sullivan, Ruby Lee, e | Fort Worth |
| Shryoc, Harry Kelly, f-w | Fort Worth | Summerly, Le Roy T., s-f | San Francisco, Cal. |
| Simmons, Doris Marie, f-w-sp | Fort Worth | Swenson, Mildred Rosalie, s-f | Fort Worth |

FRESHMEN—Continued

| | | | |
|------------------------------------|-------------------|---------------------------------|-------------------------|
| Sylvester, Dora Carnie, e | Fort Worth | Walthal, Lowell Weldon, s | Fort Worth |
| Tacoma, Lucille Toni, e | Fort Worth | Walthall, John Robert, sp | Fort Worth |
| Tapp, Bettye Jane, e | Fort Worth | Walton, William E., Jr., sp | Fort Worth |
| Tarver, Dorothy, e | Fort Worth | Ward, Alice Ann, f-w-sp | Houston |
| Taylor, Billy Jo, e | Fort Worth | Ward, Herman Franklin, s-f-w-sp | Fort Worth |
| Taylor, Bryan, sp | Corpus Christi | Ward, Mary Olive, e | Fort Worth |
| Taylor, Clifford, s-f-w-sp | San Angelo | Waryek, Henry, e | Long Island City, N. Y. |
| Taylor, Joy Ruth, f | Fort Worth | Watson, Curtis Arthur, sp | Fort Worth |
| Taylor, Juanita, e | Fort Worth | Watson, Jack Day, e | Fort Worth |
| Taylor, Louise T., e | Eastland | Waugh, James Alexander, e | Fort Worth |
| Teixeira, Arthur John, s-f | Santa Maria, Cal. | Weatherford, John Frank, e | Mt. Vernon, Ill. |
| Terrell, Eleanor Jean, f-w | Fort Worth | Weathers, William Anthony, f | Fort Worth |
| Terry, Ima Love, e | Hemet, Cal. | Weaver, Floyd Martin, s-f-w | Cleburne |
| Tevault, Birdie, w-sp | Galveston | Weaver, John William, w-sp | Chickasha, Okla. |
| Thomas, Elizabeth, e | Fort Worth | Webb, Dorris Marie, f-w-sp | Colorado City |
| Thomas, Emory A., Jr., e | Weatherford | Webb, James Allan, s-f-w-sp | Fort Worth |
| Thompson, Bettye June, w-sp | Fort Worth | Webb, Lula Lee, s-f-w-sp | Fort Worth |
| Thompson, Jack Hubert, sp | Fort Worth | Weems, Nancy Jane, e | Fort Worth |
| Thompson, Lillian Osilee, sp | Fort Worth | Weinberg, Morris Marvin, f-w | Fort Worth |
| Thompson, Ruby Lee, e | Fort Worth | Welmaker, Forrest Nolan, sp | Austin |
| Thompson, Ruth O., e | Fort Worth | Weltman, Louis Edwin, e | Fort Worth |
| Thomson, Billy, f-w | Fort Worth | West, Charlotte Jeanne, s-f-w | Fort Worth |
| Thornton, Glen Edward, w-sp | Abilene | West, Eugene Orr, Jr., f-w | Ada, Okla. |
| Thornton, Joe Lewis, sp | Fort Worth | Westbrook, Margie Maxine, e | Fort Worth |
| Tidwell, Patsy Ruth, e | Fort Worth | Wheeler, Evelyn May, e | Fort Worth |
| Tillery, Richard Thomas, sp | San Diego, Cal. | Whipple, James E., sp | Beller, Kan. |
| Tillman, Guy Raymond, e | Grandview | Whistler, Martha, f-w-sp | Iowa Park |
| Tipton, Louis Joseph, e | Dallas | White, Mrs. Clara Elizabeth, w | Fort Worth |
| Tobin, Thomas Francis, e | Cambridge, Mass. | Whitehead, Peggy, sp | Fort Worth |
| Todd, Bettie Mae, f-w-sp | Shreveport, La. | Whitt, Mrs. Laura A., e | Fort Worth |
| Tombaugh, Phyllis, f-w-sp | Beaumont | Wieland, Billie Jean, f-w | Gregg |
| Tomécal, Mildred Elizabeth, e | Fort Worth | Wilkins, Jimmy Wayne, s-f-w | Rot |
| Tomlinson, Roy, s-f-w-sp | Houston | Wilkinson, George Bill, e | Fort Worth |
| Tompkins, Mrs. Harry H., f | Fort Worth | Wilkinson, Joan, sp | Fort Worth |
| Traverso, Harry, f-w | Mont Belvieu | Wilkinson, Joseph W., sp | Fort Worth |
| Trout, Wanda, w | Fort Arthur | Willeford, Morgan, s-f-w-sp | Mineola |
| Truex, Frances M., e | Fort Worth | Williams, Sammy Lee, e | Fort Worth |
| Tubbs, Bobbie Joyce, f-w | Pyote | Williams, Frances, f-w-sp | Dallas |
| Tucker, Mitzi, s-f-w-sp | Fort Worth | Williams, Jack, w-sp | Fort Worth |
| Tuma, Nordyce Ethel, e | Arlington | Williams, Robert Neal, s-f-w-sp | Fort Worth |
| Tune, Bernice, w-sp | Fort Worth | Williams, Virgil, Jr., sp | Fort Worth |
| Turner, Bobbie Nell, w | Marfa | Williams, Wiley, s-f-w | Moran |
| Turner, William, w-sp | Fort Worth | Williamson, Joseph Seth, f-w-sp | Fort Worth |
| Turrentine, Charles Franklin, w-sp | Fort Worth | Willis, Kenneth Lee, e | Fort Worth |
| Underwood, Patti, w-sp | Dallas | Wilson, Clarence, sp | Chillicothe, Mo. |
| Underwood, Thomas Roger, sp | Davilla | Wilson, Douglas, e | Los Angeles |
| Vacker, Eddie Belle, e | Fort Worth | Wilson, Elizabeth Ann, f | Fort Worth |
| Van Antwerp, Mildred Jackson, e | Fort Worth | Wilson, Jack Easley, s-f | Brownwood |
| Vance, Jackie Faye, e | Fort Worth | Wilson, Mary Irene, e | Ranger |
| Vaughan, George Ellis, s-f-w-sp | Fort Worth | Wilson, Patricia, e | Fort Worth |
| Vaughn, Jack, s-f-w-sp | Hamlin | Wilson, Richard, s-f-w-sp | Fort Worth |
| Vaughn, Lucien Renner, e | Mount Airy, N. C. | Wilson, Sybil, e | Fort Worth |
| Vinnedge, E. Gale, e | Fort Worth | Wingfield, Frances J., f-w-sp | Okolona, Ark. |
| Votau, Burnadett, e | Fort Worth | Winn, Raymond, s-f | Fort Worth |
| Wagner, Bryan P., f-w-sp | Shreveport, La. | Winter, Bob, s | Fort Worth |
| Walker, Raymond F., e | Fort Worth | Winterberger, Catherine, w-sp | College Pk, Ga. |
| Wallace, Frances Lee, e | Fort Worth | Wood, Aubyn Sue, sp | Fort Worth |
| Wallis, Lura Bess, f-w-sp | Fort Worth | Wood, Helen Haiston, e | Fort Worth |
| Waltermire, Barbara, f-w | Houston | Wood, James Lee, e | Fort Worth |
| Walters, Woodrow James, e | Fort Worth | Woods, Sybil, e | Fort Worth |

FRESHMEN—Continued

| | | | |
|----------------------------------|------------|------------------------------|----------------|
| Wooldridge, Charles Robert, w-sp | San Angelo | Wright, Monalu, s | Fort Worth |
| Wooldridge, Robert Walter, w-sp | Waco | Ybarra, Josephine, e | Fort Worth |
| Wooley, Gladys Marie, e | Fort Worth | Yetter, Charles Priddy, sp | Saint Jo |
| Woolley, Jane, e | Fort Worth | Yielding, Robert Larry, w-sp | Corsicana |
| Worley, Marvis, sp | Fort Worth | Young, Arlie Grant, Jr., f | Fort Worth |
| Wright, Beverly Jane, s-f-w-sp | Vernon | Young, Harry Burton, e | Kirkville, Mo. |
| Wright, Charlotte, e | Fort Worth | Young, Marshall R., Jr., s | Fort Worth |
| Wright, David Rue, s-f | Santa Rosa | Ziehe, Carl A., s-f | Fort Worth |

NON-CREDIT AND INDIVIDUAL APPROVAL

| | | | |
|----------------------------------|-------------------|--------------------------------|---------------|
| Adams, Joe, e | Fort Worth | Faulkner, Consuelo Saylor, e | Fort Worth |
| Adkins, Lawrence Ray, e | Fort Worth | Felton, Ann James, e | Fort Worth |
| Alexander, Lawrie, e | Fort Worth | Frank, Katherine, s-p | Fort Worth |
| Allred, Katherine J., sp-p | Fort Worth | Gipson, Martin Luther, e | Fort Worth |
| Anderson, Blanche, w-p | Fort Worth | Goad, Mrs. Audie, e | Fort Worth |
| Baker, Mrs. Lena, w-sp | Fort Worth | Goldstone, Arlene, w-sp-p | Fort Worth |
| Baldwin, Nancy Elizabeth, w-p | Fort Worth | Groginski, Audrey, w-p | Fort Worth |
| Banks, Edward John, e | Fort Worth | Hamrick, Billie Dean, w | Fort Worth |
| Bannon, John Joseph, e | Fort Worth | Harrell, Helen, e | Fort Worth |
| Barrier, Charlotte, s-p | Lubbock | Hefley, Anne, s-p | Fort Worth |
| Bednar, Mary Elizabeth, e | Fort Worth | Hergert, E. L., e | Fort Worth |
| Beeson, Dorothy B., e | Fort Worth | Hesche, Harold George, e | Ontario, Cal. |
| Belmont, Mary Bea, e | Fort Worth | Hightower, E. Connery, e | Fort Worth |
| Bendetti, Grace Katherine, e | Fort Worth | Hoadley, Dorothy M., e | Fort Worth |
| Benton, Frank Milton, e | Fort Worth | Holt, Robert, e | Fort Worth |
| Berwick, Leonard, e | Fort Worth | Horner, Robert Henry, e | Fort Worth |
| Bird, Myrtle F., e | Fort Worth | Jackson, Cora Mae, e | Fort Worth |
| Bowen, Henry Lee, e | Fort Worth | Jordan, George Gaughan, e | Fort Worth |
| Brachman, Marilyn, w-sp-p | Fort Worth | Justin, Gloria, s-f-w-sp-p | Fort Worth |
| Broiles, Dianne, w-sp-p | Fort Worth | Kenworthy, Mrs. Gladys, e | Fort Worth |
| Brown, Baylor B., e | Fort Worth | Kizziar, Hood Dewitt, e | Fort Worth |
| Brown, Mrs. Dale H., s-f | Fort Worth | Kosub, George P., e | Fort Worth |
| Burch, Miriam Heives, e | Fort Worth | Kuhlmann, Cpl. William Dunn, e | Fort Worth |
| Canary, William Charles, e | Fort Worth | Lacey, Warren, w-sp-p | Fort Worth |
| Cannon, Josephine, e | Fort Worth | Lankford, Inez, e | Fort Worth |
| Carlock, Mary Alyce, f-w-sp | Fort Worth | Lavender, Norma, e | Fort Worth |
| Carter, Kay, w-sp-p | Fort Worth | Leeman, St. Clair William, e | Fort Worth |
| Chapman, Bertha Glasson, e | Fort Worth | Lewis, Marianne, e | Fort Worth |
| Clark, Ora Mae, s-f-w-sp-p | Fort Worth | Livcly, John Robert, w-sp-p | Fort Worth |
| Clary, Mrs. Eva Maud, e | Fort Worth | Logan, Douglas Kyle, e | Fort Worth |
| Clement, Randolph Hamilton, e | Fort Worth | Lore, Mrs. Mary Elizabeth, sp | Fort Worth |
| Cohn, Barbara, w-sp-p | Fort Worth | Lynch, Paul, e | Fort Worth |
| Cohn, Doris, w-sp-p | Fort Worth | McGill, Mildred, e | Fort Worth |
| Congleton, Jennie Corrinne, e | Fort Worth | McVeigh, Blanche, e | Fort Worth |
| Coughlan, Francis E., e | Los Angeles, Cal. | Mannion, G. Adelbert, e | Fort Worth |
| Cox, John Arlington, e | Fort Worth | Massengale, Weldon Bailey, e | Fort Worth |
| Cranford, Clifford Elmer, Jr., e | Fort Worth | Mauldin, Jack Ray, e | Fort Worth |
| Cranford, Nelson A., e-p | Fort Worth | Miller, Mrs. Charles C., e | Fort Worth |
| Crider, Mrs. Eunice, e | Fort Worth | Moore, Leonard Curtis, e | Fort Worth |
| Cummins, Alice Rowena, e | Fort Worth | Moseley, Charles Guy, w-sp-p | Fort Worth |
| Curtis, James Everett, w-sp | Fort Worth | Norris, Jack, w-sp-p | Fort Worth |
| Dabney, Rowena, e | Fort Worth | O'Neal, Howard Lazell, e | Helena, Mont. |
| Deakins, Fred L., e | Fort Worth | Orahoad, C. B., s-f-w-sp | Fort Worth |
| Deffebach, Carol, sp-p | Fort Worth | Owen, Mary Gene, e | Fort Worth |
| Dinkins, Edna Earl, e | Fort Worth | Palmer, Kenneth H., e | Fort Worth |
| Dodds, Nell, e | Fort Worth | Palmros, Eric Kelvin, e | Fort Worth |
| Dugger, Barbara, w-p | Fort Worth | Pellicari, Julie T., e | Fort Worth |
| Ericson, Jessie Elizabeth, e | Fort Worth | Pianforini, Elizabeth D., e | Fort Worth |
| Evans, James Clair, e | Fort Worth | Poinsett, Ellen R., e | Fort Worth |
| Fairlamb, Elizabeth Stevens, w-p | Fort Worth | Potishman, Leo, e | Fort Worth |

NON-CREDIT AND INDIVIDUAL APPROVAL—Continued

| | | | |
|----------------------------------|------------|--|---------------|
| Price, Victor, e..... | Fort Worth | Thomas, Dwight Eugene, e..... | Fort Worth |
| Ralph, James M., e..... | Fort Worth | Timmons, William C., e..... | Fort Worth |
| Reeder, Flora Blanc, e..... | Fort Worth | Townsen, Carolyn Sybil, w-p..... | Fort Worth |
| Renick, Claude, e..... | Fort Worth | Truesdell, Alden Jim, e..... | Fort Worth |
| Rossell, Maria C., e..... | Fort Worth | Vastine, Anna S., e..... | Fort Worth |
| Rouer, Rhinehart Emute, e..... | Fort Worth | Vaughn, Mickey, e..... | Fort Worth |
| Rounds, Mrs. Hazel Soper, e..... | Fort Worth | Vogel, Imogene, s-f-p..... | Fort Worth |
| Sandfer, Billie Louis, e..... | Fort Worth | Wetherell, Ralph Stephen, w-sp..... | Arlington |
| Sandlin, Rebecca, f-w-p..... | Fort Worth | Wiedeman, Sara Martha, s-f-w-sp-p..... | Fort Worth |
| Seum, Elsie V., e..... | Fort Worth | Williamson, Ted, e..... | Fort Worth |
| Simons, Ireta, w-sp-p..... | Fort Worth | Willson, William Oliver, e..... | Fort Worth |
| Smith, Clarence Leonard, e..... | Fort Worth | Winberry, Rupert Allen, e..... | Fort Worth |
| Smith, James Wilbur, e..... | Fort Worth | Woody, Norma, e..... | Fort Worth |
| Stevens, Clifton C., e..... | Fort Worth | Worley, Elizabeth Eileen, e..... | Fort Worth |
| Stirland, Bar Dee, w-sp-p..... | Fort Worth | Wright, Bill, w-sp-p..... | Mansfield |
| Summers, Anne Elizabeth, e..... | Fort Worth | Yoder, W. S., e..... | Fort Worth |
| Sykes, Essie H., e..... | Fort Worth | Zanutto, Emil Lawrence, e..... | Modesto, Cal. |
| Taylor, Marie Frances, s-p..... | Fort Worth | Zinn, Dorothy, s-f-w-sp-p..... | Fort Worth |
| Thomas, Dewey Lemuel, e..... | Fort Worth | | |

CLASSIFICATION OF ENROLLMENT IN DETAIL

JUNE 1, 1943-JUNE 26, 1944

| Full and Part Time Students: | Graduates | Seniors | Juniors | Sophomores | Freshmen | Non-Credit and Individual Approval | Total |
|--|-----------|---------|---------|------------|----------|--|-------|
| Day Classes—Summer | | | | | | | |
| Men | 17 | 102 | 102 | 95 | 111 | 1 | 428 |
| Women | 33 | 81 | 74 | 95 | 55 | 10 | 348 |
| Both | 50 | 183 | 176 | 190 | 166 | 11 | 776 |
| Day Classes—Fall | | | | | | | |
| Men | 24 | 93 | 107 | 95 | 152 | 1 | 472 |
| Women | 4 | 70 | 78 | 105 | 149 | 8 | 414 |
| Both | 28 | 163 | 185 | 200 | 301 | 9 | 886 |
| Day Classes— Winter-Spring | | | | | | | |
| Men | 25 | 56 | 115 | 150 | 266 | 8 | 620 |
| Women | 11 | 74 | 94 | 136 | 226 | 25 | 566 |
| Both | 36 | 130 | 209 | 286 | 492 | 33 | 1,186 |
| Evening College Only | | | | | | | |
| Men | 62 | 20 | 28 | 49 | 131 | 55 | 345 |
| Women | 71 | 22 | 49 | 51 | 294 | 43 | 530 |
| Both | 133 | 42 | 77 | 100 | 425 | 98 | 875 |
| Total Gross Enrollment June, 1943 to June, 1944 | | | | | | | |
| Men | 128 | 271 | 352 | 389 | 660 | 65 | 1,865 |
| Women | 119 | 247 | 295 | 387 | 724 | 86 | 1,858 |
| Both | 247 | 518 | 647 | 776 | 1,384 | 151 | 3,723 |
| Less Duplicates (those in Summer, Fall, and long session)..... | | | | | | | 1,333 |
| Total Net Enrollment..... | | | | | | | 2,390 |

Eighty-seven are not planning for a graduate degree, though they have the Bachelor's. These are marked "n" in the roster.

ENROLLMENT ON THE UNIT BASIS

The usual way of counting enrollment is to count each student once, if he is in school any length of time during a twelve month period. This is the Poll Count and is shown on a preceding page. The poll count does not measure the student load, however, for a student may be in school three weeks or eight weeks or sixteen or thirty-two, or even forty-eight. Some students may carry three semester hours per week, and others fifteen. The "National Committee on Standard Reports for Institutions of Higher Education" has recommended a basis for counting students on the "unit" basis. This allows for adding the fractional parts of time into units. The "unit" of student enrollment is fixed as one student carrying a normal load (fifteen hours a week) for the academic year of thirty-two weeks. One carrying fifteen hours for one trimester is con-

sidered one-half of a student unit. One making six semester hours in the summer term is one-fifth of a unit. One carrying a three-hour class in the Evening College for two trimesters is one-fifth of a unit.

According to the unit basis the enrollment in the day classes for the winter and spring trimesters of 1943-1944 (32 weeks) would be 861.3, and for the Evening College classes 81.3. Enrollment in the Graduate School on the unit basis would be 20.8 for the day classes and 9.0 for the Evening College.

GEOGRAPHIC DISTRIBUTION OF ENROLLMENT

1943-44

| | |
|---|-------|
| Enrolled from States other than Texas..... | 273 |
| Enrolled from Tarrant County | 1,434 |
| Enrolled from Texas Counties other than Tarrant County..... | 683 |
| | 2,390 |

CHURCH AFFILIATION OF STUDENTS ENROLLED

JUNE 1, 1943-JUNE 26, 1944

| Church Relationship | Number of Students |
|------------------------------|-----------------------|
| Assembly of God..... | 4 |
| Baptist | 503 |
| Catholic | 125 |
| Christ Truth League..... | 2 |
| Christian Scientist | 28 |
| Church of Christ..... | 98 |
| Church of God | 1 |
| Congregational | 12 |
| Disciples of Christ..... | 431 |
| Episcopal | 78 |
| Evangelical | 8 |
| Jewish | 34 |
| Lutheran | 20 |
| Mennonite | 2 |
| Methodist | 523 |
| Mormon | 5 |
| Nazarene | 2 |
| Presbyterian | 170 |
| Seventh Day Adventist..... | 5 |
| Unitarian | 2 |
| United Brethren | 1 |
| No preference indicated..... | 336 |
| TOTAL | 2,390 |

CLASS SCHEDULE FOR SESSION 1944-1945

Summer-Fall courses are listed in the Summer-Fall Bulletin, Evening College courses in the Evening College Bulletin, and Brite College courses in the Brite College of the Bible Bulletin. For courses in this catalogue marked "Hours arranged," and advanced courses other than those listed, see the heads of the departments concerned.

The letter "B" prefixed to a room number means the room is in Brite College, "Ster" in Sterling House and "Gym" in the basement of the Gymnasium. Biology and Geology "Labs" are in the basement of Clark Hall; Chemistry "Lab" in the basement of Goode Hall. "McP" is the symbol for McPherson room in Brite College. All other rooms are in the Administration Building.

First meeting of the M. W. F. Classes, Friday, November 3.

First meeting of the T. T. S. Classes, Saturday, November 4.

For explanation of course numbers see page 44.

| Course and Hour | Winter No. | Room No. | Spring No. | Teacher |
|--------------------------|------------|----------|------------------|----------------|
| 8:00 (M. W. F.) | | | | |
| Art | 311a | 310 | 311b..... | Ziegler |
| Art | 331 | 310 | 333 | Ziegler |
| Bus. Adm. (Acct.)..... | 322b | 1 | ..... | Maceo |
| Bus. Adm. (Acct.)..... | 343 | 217 | 344 | Staff |
| Education | 320 | B203 | 320 | Wall |
| Education | | B203 | 323 | Wall |
| English | 311b | 218 | 311a..... | Staff |
| English | 324b | 219 | 324a..... | Staff |
| Geology (W. F.)..... | 318a | Amph. | 318b..... | Staff |
| History | 341a | 204 | 341b..... | Burch |
| Journalism | 323 | B101 | (M.W.)324..... | Ridings |
| Math. (M. T. W. T. F.).. | 511a | 110 | 511b..... | Staff |
| Math. (M. T. W. T. F.).. | 513a | 210 | 513b..... | Staff |
| Math. (M. T. W. T. F.).. | 522ai | 212 | 522ai | Staff |
| Math. (M. W. F.)..... | 322bi | 107 | 322bi | Staff |
| Music (M. W.)..... | 232a | 301 | 232b..... | Marsh |
| Music (W. S.)..... | 233a | 301 | 233b..... | McCorkle-Woldt |
| Music (Tu. F.)..... | 231 | 305 | 231 | Woldt |
| Physics | 411b | Lab. | 411a..... | Staff |
| Psychology | 321 | B106 | 321 | Woodward |
| Religion | 320 | B204 | 320 | West |
| Secretarial Sci. | 330a | 3 | 330b..... | Glick |
| Spanish | 311a | 106 | 311b..... | Staff |
| Speech | 323 | 211 | ..... | Norton |
| Speech | 334a | 304 | 334b..... | Fallis |
| 9:00 (M. W. F.) | | | | |
| Accounting | 336 | 1 | ..... | Maceo |
| Biology | 527 | Lab. | ..... | Staff |
| Chemistry (W. F.)..... | | Lab. | 421a..... | Hogan |
| Economics | 321a | 212 | 321b..... | Mundhenke |
| Education | 334 | B104 | 336 | Crouch |
| English (V-12) | 311a | 219 | (V-12) 311b..... | Staff |
| English | 311b | 204 | ..... | Staff |
| English | 324a | 218 | 324a..... | Staff |
| English | | 204 | 324b..... | Staff |
| English | 335a | 217 | 335b..... | Major |
| French | 311a | 105 | 311b..... | Staff |

CLASS SCHEDULE FOR SESSION 1944-1945—(Continued)

| | Winter No. | Room No. | Spring No. | Teacher |
|---------------------------|---------------|-------------|------------------|-------------|
| Geology | | Lab. | 331a..... | Staff |
| German | 311a | 107 | 311b..... | Combs |
| Government | | McP. | 340 | Lord |
| History | 312b | 211 | 312b..... | Sherer |
| History | 348 | 201 | 348 | Hammond |
| Home Eco. (W. F.) | 312a | 317 | 312b..... | Enlow |
| Home Economics (W.) | | 317 | 323b..... | Enlow |
| Journalism | 340a | B103 | 340b..... | Ridings |
| Mathematics | 315 | 110 | 315 | Staff |
| Mathematics | 323 | 210 | | Noble |
| Mathematics | 340 | 111 | 341 | Sherer |
| Music | 411, 412 | 305 | 411, 412..... | Woldt |
| Music | 321a | 301 | 321b..... | Staff |
| Philosophy | | 207 | 322 | Holsapple |
| Physical Ed. | 311a | B203 | 311b..... | Staff |
| Physical Ed. | | Gym. | 332 | Murphy |
| Physical Ed. | 335 | Amph. | 335 | McQuillan |
| Psychology | 352 | 205 | | Richardson |
| Psychology | 335 | 205 | | Richardson |
| Psychology | | B106 | 321 | Woodward |
| Religion | 330 | B204 | 330 | Burch |
| Sec. Sci. (daily) | 332a | 3 | 332a..... | Glick |
| Sociology | 349 | 206 | 330 | Porterfield |
| Spanish | 321a | 106 | 321b..... | Staff |
| Speech | 324a | 304 | 324b..... | Fallis |
| 10:00 (M. W. F.) | | | | |
| Art | 346 | 310 | | Ziegler |
| Art | 348 | 310 | | Ziegler |
| Biology | | Lab. | 527 | Staff |
| Biology (W. F.) | 332 | Lab. | | Staff |
| Bus. Adm. | 328 | 3 | 328 | Glick |
| Bus. Adm. | 339a | 1 | 339b..... | Maceo |
| Chemistry | 411a | Amph. | (W.F.) 411b..... | Whitman |
| Education | 335 | B104 | | Smith-Wall |
| Education | 344 | B203 | | Crouch |
| Education | | B203 | 333 | Wall |
| English (V-12) | 311a | 219 | 311a..... | Staff |
| English | | 218 | (V-12) 311b..... | Staff |
| English | | 217 | 324a..... | Staff |
| English | 348a | 305 | 348b..... | Sherley |
| French | 341a | 107 | 341b..... | Combs |
| Government | 328 | 207 | 327 | Richards |
| History | 325a | 211 | 325b..... | Sherer |
| History | 332a | 201 | 332b..... | Garrett |
| Home Economics | 324 | 317 | 334 | Enlow |
| Music (M. W.) | 222a | 301 | 222b..... | Woldt |
| Philosophy | 334a | 204 | 334b..... | Holsapple |
| Physics (M. F.) | | Lab. | 320 | Staff |
| Psychology (Ed.) | 321 | B106 | 336 | Woodward |
| Psychology | 344 | 205 | | Richardson |
| Physical Ed. | 336 | Gym. | 337 | Prouse |
| Sec. Sci. (daily) | 011 | 15 | 011 | Glick |
| Sociology | 331 | 206 | 321 | Porterfield |
| Spanish | 321a | 105 | 321b..... | Staff |
| Speech | | 304 | 333 | Norton |
| Speech | | | 324a..... | Fallis |

CLASS SCHEDULE FOR SESSION 1944-1945—(Continued)

| | Winter No. | Room No. | Spring No. | Teacher |
|--|---------------|-------------|---------------|--------------|
| 11:00 (M. W. F.) | | | | |
| Bus. Adm. (Mgt.)..... | 327 | 1 | ..... | Staff |
| Bus. Adm. | | 3 | 342 | Glick |
| Chemistry (W. F.)..... | 411b | Amph. | (M.W.F.) 411a | Lisle |
| Economics | 334 | 212 | 336 | Mundhenke |
| Economics | | 1 | 338 | Sowell |
| English | 311a | 219 | ..... | Staff |
| English | 311b | 218 | 311b | Staff |
| English | 324a | 204 | 324b | Staff |
| English | 346 | 217 | ..... | Major |
| English | | 219 | 330 | Bryson |
| German | 321a | 107 | 321b | Combs |
| Government | 328 | 207 | 327 | Richards |
| History (Soc. Sci. 312).. | 312a | 201 | 312a | Garrett |
| History (Soc. Sci. 312).. | 312b | 211 | 312b | Sherer |
| History | 353 | 203 | 354 | Hammond |
| Home Economics | 339 | 317 | 340 | Enlow |
| Journalism (M.) | 333a | B101 | 333b | Ridings |
| Mathematics | | 210 | 320 | Bramblett |
| Mathematics | 331 | 110 | ..... | Staff |
| Mathematics | | 110 | 332 | Sherer |
| Music | 336 | 301 | ..... | McCorkle |
| Music | 337 | 305 | ..... | Woldt, Staff |
| Physics | 411a | Lab. | 411b | Staff |
| Sec. Sci. | 331 | 3 | ..... | Glick |
| Art | 332a | 206 | ..... | Porterfield |
| Sociology | 343 | 310 | 332b | Ziegler |
| 12:00 (M. W. F.) | | | | |
| Music (M. W.)..... | 338 | 301 | 338 | Marsh, Staff |
| Speech | 327 | 305 | 328 | Norton |
| 1:00 (M. W. F.) | | | | |
| Art (1:00-3:00) | 322a | 310 | 322b | Ziegler |
| Art (1:00-3:00) | 312a | 310 | 312b | Ziegler |
| Art (1:00-3:00) | 342ab | 310 | 342ab | Ziegler |
| Art (1:00-3:00) | 324ab | 310 | 324ab | Ziegler |
| Art | 332a | 310 | 332b | Ziegler |
| Physical Education | 340 | McP. | 341 | Murphy |
| 1:30 (M. W. F.) | | | | |
| English (two sections) (V-12) | | 218-219 | 311a | Staff |
| English (two sections) (V-12) | 311b | 217-218 | ..... | Staff |
| French | 311a | 107 | 311b | Staff |
| History (Wed.) | NII | McP. | NII | Staff |
| Spanish | | 106 | 336 | Carter |
| Spanish | 341 | 106 | ..... | Carter |
| 2:00 (M. W. F.) | | | | |
| Speech (M.T.W.T.F.).... | 315 | 304 | ..... | Fallis |
| Speech (2:30) | 340a | 305 | 340b | Staff |
| 2:30 (M. T. W. T. F.) | | | | |
| Math. (M.T.W.T.F.)..... | 513b | 110 | 513a | Staff |

CLASS SCHEDULE FOR SESSION 1944-1945—(Continued)

| | Winter No. | Room No. | Spring No. | Teacher |
|---|---------------|-------------|-------------------|----------------|
| 3:30 (M. W. F.) | | | | |
| Math. (M.T.W.T.F.)..... | 511b | 211 | 511a..... | Staff |
| Speech (Debate) | 326 | | 326 | Hammond |
| 4:00 (M.) | | | | |
| Religion (6 trimesters).. | 024 | B. Club | 024 | Burch |
| 8:00 (T. T. S.) | | | | |
| Accounting | 331b | 1 | 331a..... | Maceo |
| Art | 329ab | 310 | 329ab..... | Ziegler |
| Art | 339ab | 310 | 339ab..... | Ziegler |
| Art (Children's Class) (S) | 8-11 | 310 | ..... | Ziegler |
| Biology (T. T.)..... | 411b | Lab. | ..... | Staff |
| Bus. Adm. | | 212 | 361 | Staff |
| Education | | B104 | 322 | Crouch |
| English | 311a | 218 | 311a..... | Staff |
| English | 311b | 219 | 311b..... | Staff |
| Government | 328 | 207 | 328 | Lord |
| History (Sat.)..... | NI | 201 | NI | Staff |
| Home Economics (S.).... | 347 | 317 | 347 | Enlow |
| Journalism (T. T.)..... | 342 | B103 | (T.T.S.) 336..... | Ridings |
| Math. (M.T.W.T.F.)..... | 511a | 211 | 511b..... | Staff |
| Math. (M.T.W.T.F.)..... | 513a | 210 | 513b..... | Staff |
| Math. (M.T.W.T.F.)..... | 522a | 110 | 522a..... | Staff |
| Mathematics (T. T.)..... | 225 | 212 | 225 | Ramsey |
| Music (Tu. F.)..... | 231 | 301 | 231 | Woldt |
| Music (W. S.)..... | 233a | 301 | 233b..... | McCorkle-Woldt |
| Philosophy (T. T. and 3rd hr. arr.)..... | | B204 | 339 | West |
| Physics (T. T.)..... | 241a | Lab. | 241a..... | Staff |
| Physics (T. T.)..... | 341a | Lab. | 341a..... | Staff |
| Religion | 311 | B204 | ..... | West |
| Religion | 330 | B203 | 323 | Burch |
| Religion | 351 | Office | 347 | Hutton |
| Sec. Sci. (daily)..... | 330a | 3 | 330b..... | Staff |
| Sociology | | 206 | 352 | Porterfield |
| Speech | 344a | 304 | 344b..... | Fallis |
| Speech | 355a | 305 | 355b..... | Staff |
| 9:00 (T. T. S.) | | | | |
| Accounting | 322a | 1 | 322b..... | Maceo |
| Art (9:00-11:00) | 327ab | 310 | 327ab..... | Ziegler |
| Art (9:00-11:00) | 316 | 310 | ..... | Ziegler |
| Art (9:00-11:00) | 317ab | 310 | 317ab..... | Ziegler |
| Art (9:00-11:00) | 337ab | 310 | 337ab..... | Ziegler |
| Art (9:00-11:00) | 347ab | 310 | 347ab..... | Ziegler |
| Art (Children's) (S.) (8:00-11:00) | | 310 | ..... | Ziegler |
| Biology | 322b | Lab. | 322a..... | Staff |
| Bus. Adm. (Mgt.)..... | 349 | 2 | 349 | Staff |
| Chemistry | 441a | Amph. | 441b..... | Whitman |
| Economics | 321b | 212 | 321a..... | Mundhenke |
| Education | 332 | B104 | ..... | Wall |
| English | 311b | 219 | ..... | Staff |
| English | 324a | 218 | 324a..... | Staff |
| English | 324b | 304 | 324b..... | Staff |
| English | 347b | 217 | 334 | Major |

CLASS SCHEDULE FOR SESSION 1944-1945—(Continued)

Course and
Hour

| | | | | |
|-----------------------------|------------|----------|----------------|-----------|
| Government | 331 | 207 | 343 | Lord |
| History (Soc. Sci. 312).... | 312a | 211 | 312a..... | Sherer |
| History HNI (T. T.)..... | 223a | 201, 204 | 223b..... | Garrett |
| History (NII) (Sat.) | II | 201 | I | Staff |
| History (T. T.) & 10 S.. | 348 | 203 | 348 | Hammond |
| Home Economics | 323a | 317 | ..... | Enlow |
| Mathematics | 316 | 210 | 316 | Staff |
| Mathematics | | 110 | 318 | Staff |
| Mathematics | 323 | 105 | 324 | Noble |
| Music (T. T.) | 224a | 301 | 224b..... | McCorkle |
| Physical Ed. | 322b | B. Lab. | 322a..... | Scott |
| Physics (T. T.)..... | 331a | Lab. | 341b..... | Staff |
| Psychology | 332 | B106 | 337 | Woodward |
| Religion | 323 | B203 | ..... | Burch |
| Secretarial Sci. (daily).. | 332a | 3 | 332a..... | Glick |
| Spanish | 311a | 106 | 311b..... | Staff |
| Spanish | 311b | 107 | 321a..... | Staff |
| 10:00 (T. T. S.) | | | | |
| Art (10:00-12:00) | 322a | 310 | 322b..... | Ziegler |
| Art (10:00-12:00) | 312a | 310 | 312b..... | Ziegler |
| Art (10:00-12:00) | 342a | 310 | 342b..... | Ziegler |
| Art | 332a | 310 | 332b..... | Ziegler |
| Bus. Adm. | 332 | 1 | ..... | Staff |
| Chemistry (T. T.)..... | 431a | Lab. | 431b..... | Hogan |
| Economics | 347 | 212 | 349 | Mundhenke |
| Education | 345 | B104 | 345 | Crouch |
| Education | 342 | B104 | 342 | Crouch |
| Education | 341 | B103 | 341 | Wall |
| English | 324a | 218 | 324a..... | Staff |
| English | | 217 | 324b..... | Staff |
| English | 336a | 219 | 336b..... | Angell |
| English | 357a | 217 | ..... | Dinkins |
| French | 321a | 107 | 321b..... | Staff |
| French | | 204 | 351 | Hall |
| German | 311a | 105 | 311b..... | Combs |
| Government | 326 | 207 | ..... | Lord |
| Government | 327 | McP. | ..... | Richards |
| Greek | 362a | Brite | 362b..... | Roosa |
| History (Soc. Sci. 312).... | 312b | 211 | ..... | Garrett |
| History (HN) (T. T.).... | 223a | 201 | 223b..... | Sherer |
| History | | 203 | 344 | Hammond |
| History (T. T. & 10 S).. | 348 | 201 | 348 | Hammond |
| Home Economics | 315 | 317 | ..... | Enlow |
| Mathematics (2 sec.) | 312ai | 210, 110 | (1 sec.) 312ai | Staff |
| Mathematics (1 sec.) | 312bi | 110 | (2 sec.) 312bi | Staff |
| Mathematics | 324 | 203 | ..... | Noble |
| Music | 339a | 301 | 339b..... | Staff |
| Philosophy | 323 | 3 | ..... | Holsapple |
| Philosophy | | 205 | 319 | Staff |
| Physical Education | | Gym. | 347a..... | Prouse |
| Physics (T. T.).... | 331b, 341b | Lab. | 331a..... | Staff |
| Physics (T. T.) | 334a | Lab. | 334b..... | Staff |
| Physics (T. T.)..... | | Lab. | 322a..... | Staff |
| Psychology | 341 | B106 | ..... | Woodward |
| Religion | | B203 | 342 | Burch |
| Religion | 345a | B204 | 345b..... | West |

CLASS SCHEDULE FOR SESSION 1944-1945—(Continued)

| | | | | |
|--------------------------|------|--------|------|-------------|
| Course and Hour | | | | |
| Sec. Sci. (daily)..... | 011 | 15 | 011 | Glick |
| Sociology | 321 | 206 | 322 | Porterfield |
| Spanish | 326 | 106 | 335 | Carter |
| Speech | 321 | 305 | 322 | Norton |
| Speech | | 304 | 330 | Fallis |
| 11:00 (T. T. S.) | | | | |
| Biology (T. T.)..... | 311a | Chapel | 311b | Staff |
| Chemistry (T. T.)..... | 431b | Amph. | | Hogan |
| Education | | 205 | 343 | Richardson |
| English | 311b | 218 | 311b | Staff |
| English | | 219 | 324a | Staff |
| English | 311a | 219 | | Staff |
| English | | 217 | 353a | Dinkins |
| French | 321a | 105 | 321b | Staff |
| French | 333 | 106 | 351 | Hall |
| Geology (T. T.)..... | 329b | Lab. | | Staff |
| Government | 333 | 207 | 332 | Richards |
| History | 331a | 201 | 331b | Garrett |
| History | 342a | B203 | 342b | Burch |
| Home Economics (T. T.) | | 317 | 346 | Enlow |
| Home Economics | | 317 | 314 | Enlow |
| Music | 342a | 301 | 342b | McCorkle |
| Music | 348 | 305 | 349 | Staff |
| Philosophy | 342 | 204 | | Holsapple |
| Physical Ed. | 342 | Gym. | 344 | Prouse |
| Psychology | 321 | B106 | 328 | Woodward |
| Psychology | | 205 | 343 | Richardson |
| Sec. Sci. (T. T.)..... | 012 | 15 | 012 | Glick |
| Speech | 317a | 304 | 317b | Norton |
| Speech | 323 | 211 | | Staff |
| 1:00 (T. T. S.) | | | | |
| Home Eco. (T. T.)..... | 347 | 317 | 347 | Enlow |
| Homiletics (T.) | 250 | B204 | 250 | Anderson |
| 1:30 (T. T. S.) | | | | |
| History (T. T.)..... | 223b | 204 | 223a | Garrett |
| History (T. T.)..... | 223b | 201 | 223a | Sherer |
| History HNII (S.)..... | 223b | 201 | 223 | Staff |
| 2:00 (T. T. S.) | | | | |
| Speech (M.T.W.T.F.)..... | 315 | 304 | | Fallis |
| 2:30 (T. T. S.) | | | | |
| Math. (M.T.W.T.F.)..... | 513b | 110 | 513a | Staff |
| 3:30 (T. T. S.) | | | | |
| Math. (M.T.W.T.F.)..... | 511b | 210 | 511a | Staff |

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