

1953

## Langston University Catalog 1953-1955

Langston University

Follow this and additional works at: [http://dclu.langston.edu/archives\\_lu\\_catalog](http://dclu.langston.edu/archives_lu_catalog)

---

### Recommended Citation

Langston University, "Langston University Catalog 1953-1955" (1953). *LU Catalog*. Paper 1.  
[http://dclu.langston.edu/archives\\_lu\\_catalog/1](http://dclu.langston.edu/archives_lu_catalog/1)

This Article is brought to you for free and open access by the Archives at Digital Commons @ Langston University. It has been accepted for inclusion in LU Catalog by an authorized administrator of Digital Commons @ Langston University. For more information, please contact [jblewis@langston.edu](mailto:jblewis@langston.edu).

*Office of the President*

The Langston University  
Bulletin



Catalogue Edition  
1953--1954--1955

**HOW TO ADDRESS CORRESPONDENCE**

1. Dr. G. L. Harrison, President—On matters of general policy of the institution.
2. Dean of Administration—Veterans affairs, Student employment.
3. Dean of Instruction—The Academic Program of the institution.
4. Registrar—Admissions, Records, Transcripts, Catalogues
5. Chief Clerk—Accounts and finance.

# LANGSTON UNIVERSITY BULLETIN

VOL. 13

NO. 3

CATALOGUE EDITION  
1953-1954



The Langston University Bulletin is published quarterly  
By Langston University, Langston, Oklahoma

---

Entered as Second Class Matter at the Post Office at Langston,  
Oklahoma under Act of Congress of August 24, 1912.

### HOW TO ADDRESS CORRESPONDENCE

1. Dr. G. L. Harrison, President—On matters of general policy of the institution.
2. Dean of Administration—Veterans affairs, Student employment.
3. Dean of Instruction—The Academic Program of the institution.
4. Registrar—Admissions, Records, Transcripts, Catalogues
5. Chief Clerk—Accounts and finance.

# LANGSTON UNIVERSITY BULLETIN

---

VOL. 43

NO. 9

CATALOGUE EDITION

1953-1954



**The Langston University Bulletin is published quarterly  
By Langston University, Langston, Oklahoma**

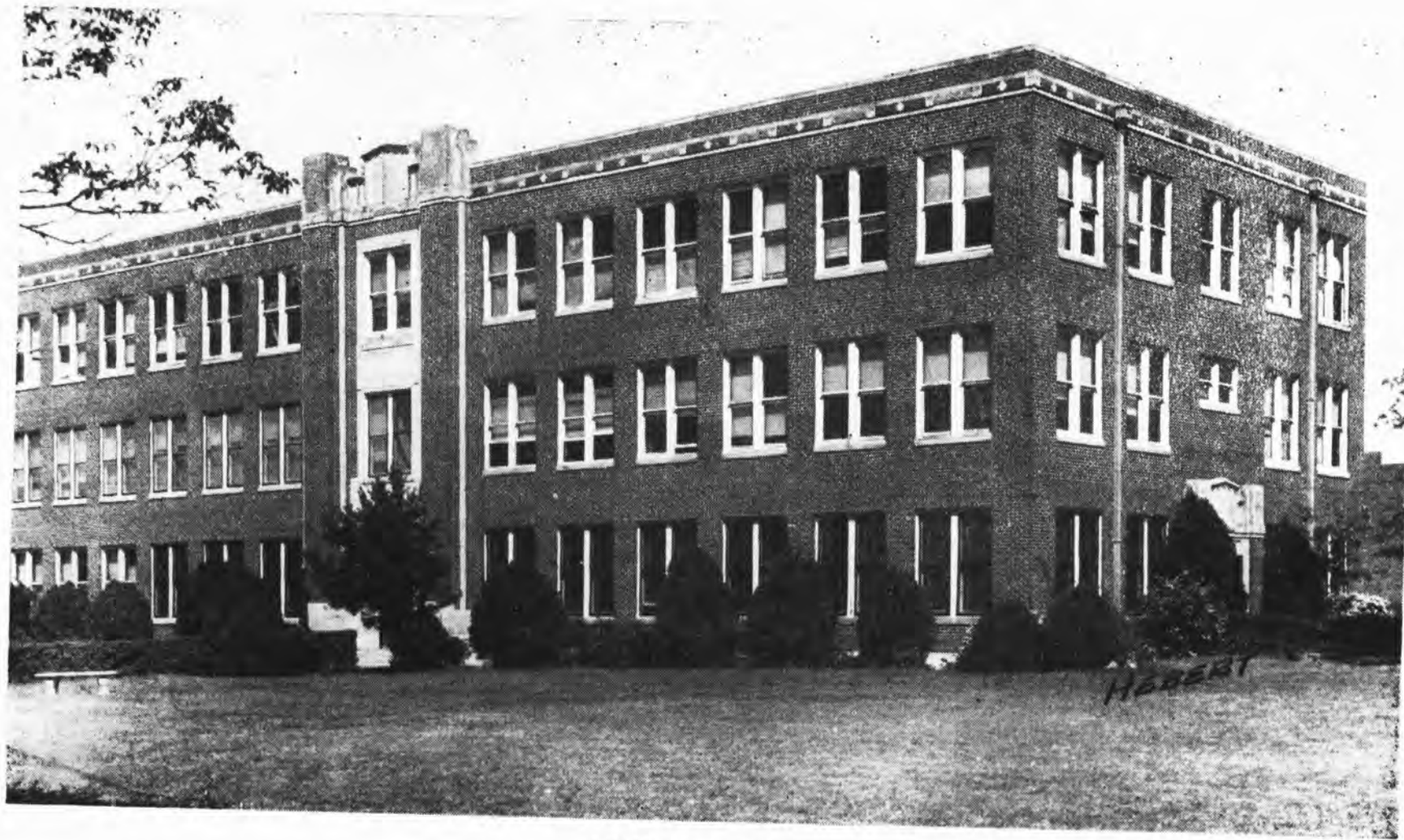
---

Entered as Second Class Matter at the Post Office at Langston,  
Oklahoma under Act of Congress of August 24, 1912.









ADMINISTRATION

## TABLE OF CONTENTS

	Page
Standing of College .....	4
School Calendar .....	5
Boards of Control .....	7
Faculty	
Officers of Administration .....	8
Instructional Staff .....	8
Other Officers of Administration and Employees .....	13
Cooperative Extension Division	
Veterans Administration .....	16
Supervisors .....	16
County Agents .....	16
Home Demonstration Agents .....	17
Vocational Trades and Industrial Teachers .....	18
Historical Statement .....	19
Physical Plant .....	20
General Information .....	21
Student Organizations .....	21
Social Clubs .....	21
Fraternities and Sororities .....	21
Departmental Clubs .....	21
Athletics .....	22
Scholarships, Prizes and Student Loans .....	22
Health Service .....	23
Correspondence and Extension Study .....	23
Publications .....	23
Library .....	24
Student Conduct .....	24
Women's Organizations .....	24
Admission and Graduation .....	26
Fees .....	31
Statement of Objectives .....	32
General Education Requirements .....	34
Division of Agriculture .....	35
Division of Arts and Sciences .....	45
Art .....	46
Description of Courses .....	46
Department of Biological Science .....	48
Department of Business Administration and Commercial Education .....	51
Department of English and Modern Languages .....	55
Department of Library Science .....	60
Department of Mathematics .....	61
Department of Music .....	63
Applied Music .....	66
General Regulations .....	70
Department of Physical Education and Health .....	75
Physical Science .....	78
Department of Social Science .....	81
Division of Education .....	87
Division of Home Economics .....	93
Division of Mechanical Arts .....	98
Department of Trade and Industrial Education .....	107
Military Department .....	112
Student Roster .....	117
Graduates .....	128, 129, 131

#### STANDING OF THE COLLEGE

Langston University is fully accredited by the North Central Association of Colleges and Secondary Schools; a member of the Association of American Colleges; accredited by the Oklahoma State Board of Education; approved by the U. S. Department of State for the exchange of Foreign students; accredited with the Veterans Administration and operates under a contract which enables veterans to obtain full educational benefits under the "G. I. Bill of Rights."

## SCHOOL CALENDAR

## FIRST SEMESTER

1953-1954

<i>September</i>	7	Faculty Institute
<i>September</i>	9-13	Freshman Orientation, Placement Examinations and Registration.
<i>September</i>	10	Registration of Sophomores, Juniors and Seniors.
<i>September</i>	11	Registration Continued.
<i>September</i>	11	Registration of Freshmen.
<i>September</i>	14	Classes Begin.
<i>September</i>	16	Formal Opening of the University.
<i>November</i>	24	Thanksgiving Holidays begin at 5:00 P. M.
<i>November</i>	30	Class Work Resumed at 8:00 A. M.
<i>December</i>	18	Christmas Holidays begin at 5:00 P. M.
<i>January</i>	4	Classroom Work Resumed at 8:00 A. M.
<i>January</i>	25	First Semester Ends

## SECOND SEMESTER

1953-1954

<i>January</i>	26	Registration for Second Semester
<i>January</i>	27	Classes Begin
<i>March</i>	12	Founders Day
<i>April</i>	15	Easter Holidays Begin at 5:00 P. M.
<i>April</i>	20	Classroom Work Resumed at 8:00 A. M.
<i>May</i>	16	Baccalaureate Exercises
<i>May</i>	23	Commencement

## SUMMER SESSION

1954

<i>June</i>	1	Registration
<i>June</i>	2	Classes begin
<i>July</i>	5	Holiday
<i>July</i>	18	Baccalaureate Exercises
<i>July</i>	23	Summer Convocation

**SCHOOL CALENDAR****FIRST SEMESTER**

1954-1955

- September 7-12* Freshman Orientation, Placement Examinations  
and Registration.
- September 9* Registration of Sophomores, Juniors and Seniors.
- September 10* Registration of Freshmen.
- September 13* Classes Begin

## OKLAHOMA STATE REGENTS

### FOR HIGHER EDUCATION

1. DIAL CURRIN, *Chairman*, Shawnee, Oklahoma
2. GUY H. JAMES, *Secretary*, Oklahoma City, Oklahoma
3. FRANK BUTTRAM, Oklahoma City, Oklahoma
4. JOHN ROGERS, Tulsa, Oklahoma
5. GUY M. HARRIS, Ardmore, Oklahoma
6. CLEE O. DOGGETT, Cherokee, Oklahoma
7. JULIUS H. JOHNSTON, Lawton, Oklahoma
8. WHARTON MATHIES, *Assistant Secretary*, Clayton, Oklahoma
9. W. D. LITTLE, *Vice-Chairman*, Ada, Oklahoma
10. M. A. NASH, *Chancellor*, Oklahoma City, Oklahoma
11. T. G. SEXTON, *Administrative Assistant*, Oklahoma City, Okla.

## THE BOARD OF REGENTS

### FOR THE OKLAHOMA A. & M. COLLEGES

1. JOHN PAT CARPENTER, *Chairman*, Red Rock, Oklahoma
2. EARL RUSSEL, *Vice-Chairman*, Duncan, Oklahoma
3. ELMER HARBER, *Secretary*, Shawnee, Oklahoma
4. FOREEST McINTIRE, *Administrative Assistant*, Stillwater, Okla.
5. SAM W. STONE, *Auditor*, Oklahoma City, Oklahoma
6. HELEN SITTEL, *Executive Secretary*, Stillwater, Oklahoma
7. FRED G. DRUMMOND, Hominy, Oklahoma
8. P. E. HARRILL, Oklahoma City, Oklahoma
9. O. L. LACKEY, Okmulgee, Oklahoma
10. R. T. STUART, Caddo, Oklahoma
11. W. R. WILLIAMS, Altus, Oklahoma
12. HAROLD HUTTON, Oklahoma City, Oklahoma

## OFFICERS OF ADMINISTRATION

G. LAMAR HARRISON, Ph. D., President  
 THERESA P. HUGHES, B. S., Secretary of the University  
 R. P. PERRY, Ph. D., Administrative Dean  
 LEROY G. MOORE, M. A., Dean of Instruction and Director of Summer School  
 C. DEWEY BATCHLOR, M. A., Registrar  
 A. C. SHROPSHIRE, Ph. D., Director, Division of Education  
 SADIE G. WASHINGTON, M. A., Director, Division of Home Economics  
 E. A. MILLER, M. S., Director, Division of Mechanic Arts  
 S. H. SETTLE, M. S., Director, Division of Agriculture  
 R. B. WELCH, M. B. A., Comptroller and Purchasing Agent.  
 W. E. HEBERT, Financial Secretary  
 ELMYRA R. DAVIS, M. S., Librarian  
 EMMA W. BRAGG, Ph. D., Dean of Women  
 EDWIN R. EDMONDS, Ph. D., Acting Dean of Men and Director of Research  
 JULIUS H. HUGHES, M. S., Director of Public Service  
 STACY C. THOMPSON, M. D., University Physician and Health Director  
 C. FELTON GAYLES, B. S., Director of Athletics and Head Coach  
 A. C. HERBERT, B. S. in E. E., Director of Physical Plant

### OFFICERS OF ADMINISTRATION AND INSTRUCTION

(Dates immediately following positions indicate when persons were appointed to the faculty of the University)

#### PRESIDENT

G. LAMAR HARRISON, A. B., Howard University; B. E., University of Cincinnati; M. A., *ibid.*; Ph. D., Ohio State University.  
 President (1939)

#### INSTRUCTION

ALLEN, MIZURA C., B. A., M. A., University of Iowa; Further work, Wichita University, University of Denver, one year, University of New Mexico.

Associate Professor and Head of the Department of Business Administration. (1926)

ANDERSON, EDISON

Instructor of Carpentry (1939).

\*ANDERSON, H. EDISON, B. A., Prairie View; M. A., University of Iowa; Residence work for Ph. D. completed, Columbia University.

Professor and Head of the Department of Music (1945).

ARTERBERY, THELMA J., Diploma, Poro College; Instructor's License, Langston University; B. S., *ibid.*; Further study, University of Southern California.

Instructor of Cosmetology (1940).

BANNER, CAROLYN, B. S., Langston University; M. S., University of Minnesota.

Instructor of Education (Training School) (1940)

---

\* On Leave 1953-54

- BARKSDALE, CHARLES, B. A., University of Kansas; Further study, *ibid.*  
Instructor of Art (1953).
- BATCHLOR, C. DEWEY, B. S., Bishop College; M. A., University of Iowa;  
Further work, Washburn College, University of Colorado.  
Registrar and Professor of English (1929)
- BOYD, OLIVE PAYNE, B. S., Wilberforce University; Further study, Toledo  
University.  
Instructor of Music (1953).
- BRAGG, EMMA W., B. A., M. A., Fisk University; Ph. D., University of  
Chicago.  
Dean of Women (1953).
- BREAUX, INMAN A., A. B., Virginia Union University; M. A., New York  
University; Further work, one semester, *ibid.*  
Associate Professor and Head of the Department of Physical Educa-  
tion (1946).
- BROWN, EUGENE JESSE, Three years, three summers, University of Kansas;  
two years Carnegie Institute of Technology; summer, Kansas State  
Teachers College, University of Colorado, University of Denver;  
A. B., Oklahoma Catholic College; Oklahoma A. & M. College.  
Assistant Professor and Head of the Department of Art (1924).
- COLBERT, HENRY R.  
Instructor of Brickmasonry (1951).
- COLEMAN, JOHN W., B. A., Bishop College; M. A., Oklahoma A. & M.  
College; Additional Work, Oklahoma School of Religion; Oklahoma  
A. & M. College.  
Director of Religious Activities and Instructor of Social Science  
(1950).
- CROWELL, BERNARD, B. S., Langston University.  
Instructor of Physical Education (1953).
- DAVIS, ELMYRA R., B. S., Langston University; M. S., University of  
Illinois; Further work, Colorado State College of Education.  
Librarian (1943).
- DILLON, NELLE B., Tuskegee Institute; B. S., Prairie View State College;  
Further study, one summer, University of Southern California;  
M. E., Colorado A. & M. College; Oklahoma A. & M. College.  
Assistant Professor and Supervisor, Trade and Industrial Education  
(1938).
- EDMONDS, EDWIN R., A. B., Morehouse; S. T. B., Ph. D., Boston, Uni-  
versity.  
Professor of Social Science (1950).
- FISHER, CLARA M., B. S., Langston University; Further study, one year,  
University of Iowa.  
Instructor of Home Economics (Nursery School) (1944).
- GANDY, LENOULIAH, B. S., Kansas State Teachers College; M. S., Colorado  
State College of Agriculture.  
Associate Professor of Home Economics and Itinerant Teacher  
Trainer (1930).



- GAYLES, C. FELTON, B. S., Morehouse.  
Head Coach and Director of Athletics (1930).
- GILYARD, ODELL, B. S. A., Langston University; Further work, Iowa State College.  
Instructor of Auto Mechanics (1937).
- GLOVER, ISRAEL, E. B. S., Johnson C. Smith University; M. S., University of Michigan; Further work, *ibid.*; University of Rochester; Oklahoma A. & M. College.  
Associate Professor of Mathematics (1948).
- HAMILTON, GOMEZ C., A. B., M. S., University of Kansas; Further study, Indiana University, Kansas State College, University of Minnesota.  
Assistant Professor of Biology (1933).
- HARGROVE, S. L., A. B., Clark University; M. S., Kansas State Teachers College.  
Assistant Professor of History (1923).
- HARKINS, CLARENCE, B. S., Langston University.  
Instructor of Tailoring (1947).
- HEBERT, A. C., B. S., in E. E., Kansas State College.  
Assistant Professor of Applied Electricity (1937).
- HENDRICKS, G. H., B. S., Prairie View State College; M. S., University of Iowa; Further study, one summer, University of Chicago, Kansas State College; two summers, University of Southern California; one year, University of Iowa; Oklahoma A. & M. College.  
Assistant Professor and Head of the Department of Mathematics (1931).
- HUGHES, JULIUS H., B. A., Virginia State College; M. A., University of Chicago; Further study, two summers, University of Chicago; Candidate for Ph. D., Syracuse University.  
Professor of Education (1945).
- JAQUES, FELIX A., B. A., State University of Iowa; M. S., *ibid.*; one summer, *ibid.*  
Instructor of Biology (1953).
- JONES, D. C., B. S., Hampton Institute; M. S., Cornell; Candidate for Ph. D., *ibid.*  
Associate Professor of Agriculture (1925).
- JORDAN, OLIVIA H., A. B., Langston University; M. S. W., Atlanta University; Further Study; Northwestern University.  
Instructor of Social Science (1948).
- KELLEY, WESSYLYNE ALFORD, B. S., Langston University; Further study, University of Michigan.  
Instructor of Chemistry (1953).
- KING, MOXIE WEAVER, B. A., Langston University; M. S., Kansas State Teachers College.  
Instructor of English (1952).
- LEWIS, ALONZO, B. S., Langston University; Further study, one summer, University of Iowa; two summers, Northwestern University; M. M. E., American Conservatory of Music.  
Instructor of Music (1938).

- MILLER, E. A., B. S., in Industrial Engineering, Pennsylvania State College; M. S., Iowa State College; Graduate work, University of Colorado, Kansas State Teachers College, Wayne University, University of Minnesota.  
Professor and Director of the Division of Mechanic Arts (1927).
- MOORE, LEROY G., B. A., Southwestern College; M. A., University of Kansas; one year graduate study, *ibid.*; Cornell University; two summers, University of Chicago.  
Dean of Instruction and Professor of Chemistry (1925).
- MOORE, THERESIA B., B. A., Langston University; M. S., Kansas State Teachers College; Further study, two summers, University of Colorado.  
Instructor of Education (1944).
- NORMAN, J. N., B. A., Philander-Smith College; M. A., University of Oklahoma.  
Instructor of Business Administration (1952).
- PARKER, ALMEDA C., B. S., Langston University; M. S., University of Southern California; Further study, one summer, University of Denver, Colorado State College of Education.  
Instructor of Business Administration and Commerce (1943).
- PERRY, R. PATTERSON, B. A., Johnson C. Smith University; M. S., Ph. D., University of Iowa.  
Administrative Dean and Professor of Chemistry (1943).
- PERRY, THELMA D., A. B., LL. B., M. A., Howard University; Advanced study two years, American University; Summer, University of Kansas; Candidate for Ph. D., University of Chicago.  
Professor of History and Chairman of the Social Science Department (1942).
- PETERS, JENNIE V., B. S., Langston University; Three summers, University of Denver.  
Instructor of Mathematics (1953).
- QUALLS, YOURA, B. A., Fisk University; M. A., Radcliffe College; Candidate for Ph. D., *ibid.*  
Professor of English (1943).
- SETTLER, S. H., B. S., M. S., Kansas State College; Graduate work, Cornell University; Oklahoma A. & M. College.  
Professor and Director of the Division of Agriculture (1943).
- SHROPSHIRE, ARTHUR C., B. S., Lincoln University (Mo.); M. S., Ph. D., University of Nebraska.  
Professor of Education and Coordinator of Student Teaching (1951).
- SIMMS, W. E., B. S., Prairie View State College; M. S., Iowa State College; Further study, one summer, Iowa State College, University of California.  
Assistant Professor of Agriculture (1931).

- SIMS, W. E., B. A., Lincoln University (Mo.); M. A., Colorado State College; one summer, University of California.  
Instructor of Music (1953).
- STEARNS, HOLLIS D., B. S., Langston University; M. S., University of Illinois; Further work, *ibid.*  
Instructor of Agriculture (1949).
- STEPHENS, LOUISE C., A. B., Langston University; M. A., Northwestern University; Further work, University of Oklahoma.  
Instructor of Education (Training School) (1946).
- SWAIN, INEZ MARIAN, B. A., Langston University; M. A., University of Oklahoma; Further study, *ibid.*  
Instructor of Education (1953).
- TAYLOR, AMELIA ROBINSON, A. B., Langston University; M. M. E., University of Kansas; Further study, University of Southern California.  
Instructor of Music (1945).
- THOMPSON, ALBERT M., B. S., Hampton Institute; Additional work, Oklahoma A. & M. College.  
Instructor of Mechanic Arts (1950).
- TOLSON, MELVIN B., A. B., Lincoln University (Pa.); A. M., Columbia University.  
Professor of Creative Literature (1947).
- TONY, GLORIA A., A. B., Dillard University; M. A., Columbia University; Further work, one year, Laval University (Quebec), Columbia University.  
Instructor of Modern Languages (1950).
- WASHINGTON, E. M., B. A., M. A., University of Iowa; Further study, University of Iowa, Cornell University.  
Assistant Professor of Home Economics (1941).
- WASHINGTON, LEONARD S., B. A., Southern University; M. A., University of Michigan; one and one-half years on Ph. D., *ibid.*  
Assistant Professor of English (1950).
- WASHINGTON, SADIE G., B. S. in H. E., West Virginia State College; M. A. Columbia University, Further work, Columbia University, University of California, two years, New York University.  
Professor and Director of the Division of Home Economics (1937).
- WELCH, CONSTANCE D., B. S., West Virginia State College; Further study, one summer, University of Minnesota; M. S., University of New Mexico.  
Instructor of Physical Education (1937).
- WHITE, JIMMIE L., S. S., Arkansas State College; M. S., Michigan State College, one and one-half years advanced study, *ibid.*; Oklahoma A. & M. College.  
Instructor of Agriculture (1949).

WILLIAMS, RICHARD W., Major, U. S. Army.  
Assistant Professor of Military Science and Tactics (1952).

#### OTHER OFFICERS OF ADMINISTRATION AND EMPLOYEES

ANDERSON, ARTHUR  
Supervisor, University Laundry (1953).

ANDERSON, R. A.  
Painter, Department of Maintenance.

ANDREWS, HENRY C.  
Pump Operator (1949).

ARMSTRONG, JOE  
Plumber, Department of Maintenance.

BECK, LESLIE  
Superintendent of Buildings and Utilities (1937).

BLAKE, RUTH, Friends University, Wichita Kansas; Langston University.  
Swing Matron (1953).

BROWN, VELDA LEE, B. S., Langston University.  
Secretary, Registrar's Office (1951).

BUFFORD, P. B.  
Custodian (1948).

CALLAHAN, LOLETTA FINLEY, Diploma, Los Angeles Business College.  
Recorder, Office of Registrar. (1944).

CAMPBELL, HOSEA.  
Plumbing and Steamfitting.

COOPER, GEORGE  
Custodian (1946).

CUNNINGHAM, OPHELIA, Central Texas College; Langston University.  
Night Matron (1953).

GRAVES, CLIFTON E., B. S., Hampton Institute; Further work, New York  
University and American Institute of Banking.  
Assistant Secretary, Finance Office (1950).

GRAY, M.  
Grounds.

GRISSOM, TEDIE O., B. S., Langston University; Further study, Atlanta  
University; Oklahoma A. & M. College.  
Dormitory Director (1949).

HALL, E. D.  
Custodian.

HARRIS, E.  
Laundry Helper.

HARRIS, J. M.  
Receiving Clerk (1929).

- HERERT, BARBARA J., B. A., Langston University.  
Postmistress (1949).
- HEBERT, W. E.  
Chief Clerk (1931).
- HUGHES, THERESA PALMER, B. S., Hampton Institute; Graduate work,  
Syracuse University; Okla. A. & M. College.  
Secretary of the University (1943).
- JACKSON, W. M.  
Plumbing.
- JENKINS, ROSA L., B. S., Tillotson College.  
Dormitory Director (1949).
- JONES, GLORIA PEGGY, B. A., Lincoln University, Missouri; Further study,  
University of Oklahoma.  
Residence Director, University Women (1953).
- KIRK, MARJORIE W., B. S., Langston University; M. S., Oklahoma A. & M.  
College.  
Cashier, Finance Office (1946).
- LAMPTON, JOHN, B. S., Langston University; B. A., Catholic College of  
Oklahoma; Further work, four summers, University of Chicago.  
Supervisor, Men's Residence Halls (1937).
- MALLOY, EDITH S., B. S., Langston University.  
Secretary, Division of Agriculture (1944).
- MAST, RACHEL ANN, B. S., Langston University; Additional work, Kansas  
State Teachers College, Library Science, Atlanta University.  
Assistant Librarian (1951).
- MITCHELL, JOHN, Sgt. U. S. Army  
Department of Military Science and Tactics (1952).
- NELSON, JAMES.  
Night Watchman.
- PARKER, ELLA L., B. A., Bennett College; B. S. in Library Science,  
Atlanta University.  
Assistant Librarian (1950).
- PIKE, F. DE LISLE, F., Th. Soc., Lady Nelco Institute; Technical and  
Mechanical Institute; Bishop Payne Divinity School.  
Resident Supervisor of Men (1947).
- PIKE, OCTAVIA R., Miss Hernell's School for Girls; Miller Lavern School  
of Religion.  
  
Dormitory Director (1945).
- SCOTT, CLARA B., B. A., Langston University.  
Assistant Librarian (1949).
- SCOTT, WILLIAM B., B. A., Langston University.  
Assistant Librarian (1949).

- SIMMS, EUNICE A., B. S., Langston University; Further work, University of Southern California; Oklahoma A. & M. College.  
Supervisor of the Student Union (1945).
- SIMS, MURIEL, Langston University.  
Secretary, Dean of Instruction (1953).
- SHELTON, HARRY.  
Night Watchman.
- SHROPSHIRE, GRACE S., B. A., Stowe Teachers College; M. S., Oklahoma A. & M. College.  
Claim Clerk, Finance Office (1953).
- STEWART, THELMA A., B. S., Langston University.  
Secretary, Registrar's Office (1952).
- STROUD, ENOUGH  
Utilities.
- SUTTLE, AL  
Utilities.
- TERRELL, D.  
Pumpman.
- THOMPSON, BERNICE W., B. A., University of Louisville.  
Secretary, Administrative Dean. (1951).
- THOMPSON, S. C., M. D., Meharry Medical College.  
University Physician and Health Director (1929).
- TRICE, CAL  
Farm Utilities.
- WADE, JOHN  
Construction and Maintenance.
- WADE, LYNWOOD  
Construction and Maintenance.
- WADKINS, ALTHEA STELLA  
University Health Department (1950).
- WARD, CHESTER A., Certificate in Carpentry, Langston University.  
Construction and Maintenance (1950).
- WELCH, R. B., B. S., Langston University; M. A., Northwestern University.  
Acting Business Manager (1936).
- WILLIAMS, ERNESTYNE A., Tuskegee Institute.  
Supervisor of Dining Hall (1944).
- WILLIAMS, HAZEL  
Custodial Department.
- WOODARD, NETTIE M., Paul Quinn College; Nilar Jewel's School of Beauty;  
Lincoln School of Practical Nursing.  
University Health Department (1953).

- WOODARD, WILLIAM  
 Chef, Dining Hall (1948).
- WYATT, MAE DEAN BARBER, B. S., Langston University  
 Secretary, G. Lamar Harrison Library (1952).
- YOUNG, B. L., B. S., Langston University.  
 Supervisor of University Canteen and Book Store (1938).

#### VETERANS ADMINISTRATION

- BOYD, BYTHE R., B. S., Langston University.  
 Training Specialist (1946).

#### COOPERATIVE EXTENSION DIVISION SUPERVISORS

- BROOKS, PAUL O. .... *Langston*  
 B.S.A., Kansas State Agricultural College  
 District Agent
- KING, HAZEL O. .... *Langston*  
 Diploma, Langston University  
 District Home Demonstration Agent

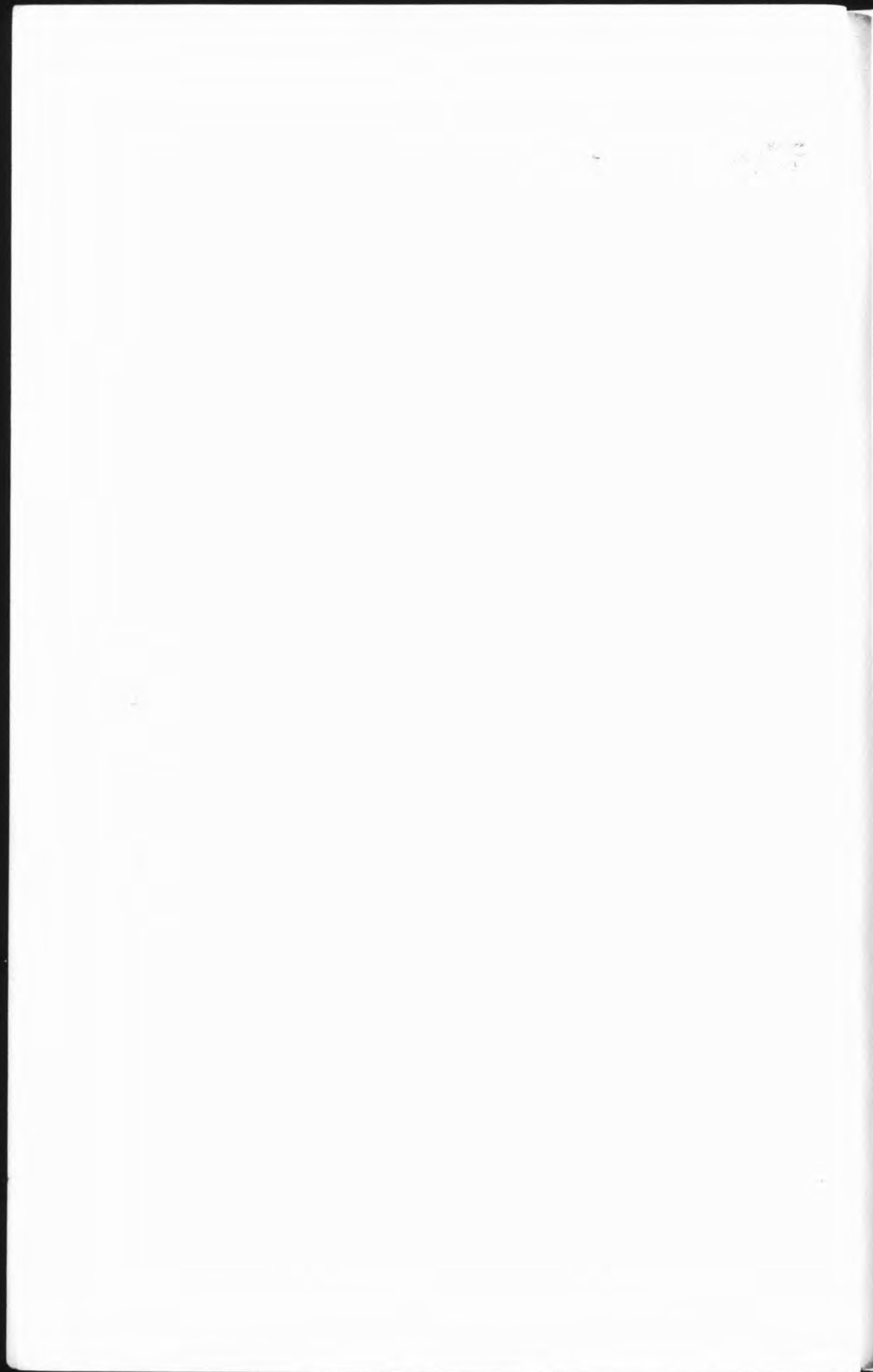
#### COUNTY AGENTS

- ASHLEY, CLEMON D. .... *Bristow, Creek County*  
 B.S.A., Langston University
- BERRY, HAROLD E. .... *Porter, Wagoner County*  
 B.S.A., Langston University
- BLACK, THOMAS H. JR. .... *Guthrie, Logan County*  
 B.S.A., Langston University  
 Further Study, Prairie View A. & M. College
- BRUNER, COLUMBUS C. .... *Chandler, Lincoln County*  
 B.S.A., Langston University  
 Further Study, Prairie View A. & M. College
- COLEMAN, M. L. .... *Boley, Okfuskee County*  
 B.S.A., Alcorn A. & M. College
- GARRETT, W. C. .... *Eufaula, McIntosh County*  
 B.S.A., Langston University  
 Further Study, Prairie View A. & M. College
- HARRIS, LEVEARN .... *Hugo, Choctaw County*  
 B.S.A., Langston University
- LILLY, D. P. .... *Okmulgee, Okmulgee County*  
 B.S.A., Kentucky State College



G. LAMAR HARRISON LIBRARY





- MURRAY, ANDREW ..... *Idabel, McCurtain County*  
 B.S.A., Langston University  
 Further Study, Prairie View A. & M. College
- ROBINSON, BOOKER T. .... *Luther, Oklahoma County*  
 B.S.A., Langston University
- SCOTT, JAMES C. .... *Wewoka, Seminole County*  
 B.S.A., Langston University  
 Further Study, Prairie View A. & M. College
- WATLINGTON, J. M. .... *Muskogee, Muskogee County*  
 B.S.A., A. & T., College, Greensboro, N. C.

**HOME DEMONSTRATION AGENTS**

- ANDERSON, ANNA L. .... *Okmulgee, Okmulgee County*  
 Diploma, Spelman College, Atlanta, Ga.
- BOONE, MATYE C. .... *Muskogee, Muskogee County*  
 B.S., Home Economics, Kansas State Teachers' College
- HENDRICKS, MARY ..... *Idabel, McCurtain County*  
 B.S., Alcorn A. & M. College
- HOUSE, ROSA J. .... *Guthrie, Logan County*  
 B.S., Kansas State Teachers' College  
 Further Study, Cornell University
- FULLER, ARTIS OWENS ..... *Luther, Oklahoma City*  
 B.S., Langston University
- GRAVES, WILLIE P. .... *Wewoka, Seminole County*  
 B.S., Langston University  
 Further Study, Prairie View A. & M. College
- KING, JEWEL T. .... *Ardmore, Carter County*  
 B.S., Langston University
- MCCAIN, LULA B. .... *Boley, Okfuskee County*  
 Diploma, Western College
- WILLIAMS, INEZ ..... *Porter, Wagoner County*  
 B.S., Langston University  
 Further Study, Prairie View A. & M. College
- WINSTON, DAVETTA ..... *Eufaula, McIntosh County*  
 B.S., Langston University  
 Further Study, Prairie View A. & M. College

## STATE VOCATIONAL TRADES AND INDUSTRIAL TEACHERS

ALEXANDER, L. O.	B. S., Hampton Institute	Oklahoma City
BARBER, M. M.	B. S., Langston University	Shawnee
BENEFEE, MAURICE	Langston University	Oklahoma City
BENNETT, JAUN P.	B. S., Langston University	Oklahoma City
COX, PEARL	B. S., Wiley College	Muskogee
COLEMAN, BENJAMIN	B. S., Langston University	Muskogee
DODSON, G. M.	Langston University	Oklahoma City
HARRISON, MAROLA	B. S., Langston University	Sand Springs
HOLT, ALETHIA E.	B. S., Hampton Institute	Shawnee
JACKSON, L. Q.	B. S., Kansas University	Oklahoma City
JACKSON, M. E.	Georgia State	Oklahoma City
MARSHALL, MARY L.	B. S., Langston University	Muskogee
MCCORMICK, LEON	Langston University	Muskogee
MCKINNEY, BEN	B. S., Tuskegee Institute	Tulsa
MILLER, ALDORA	B. S., Langston University	Muskogee
MOORE, JESSIE	B. S., Langston University	Oklahoma City
PARKER, F. H.	B. S., Kansas State Teachers College	
	M. S., Iowa State College	Tulsa
PIERCE, NEIL	B. S., Kansas University	Oklahoma City
ROBINSON, MAURINE	Langston University	Ponca City
ROGERS, A. G.	B. S., Langston University	Tulsa
SMITH, ROSA LEE	B. S., Langston University	Sapulpa
STRONG, PAUL	B. S., Langston University	Oklahoma City
STEPHENS, GLADYS	B. S., Langston University	Oklahoma City
TALTON, MAJOR B.	Langston University	Oklahoma City
TIBBS, W. N.	B. S., Wilberforce University	Tulsa
WASHINGTON, N. J.	B. S., Tuskegee Institute	
	M. A., University of Arizona	Sand Springs

## History

*Location.* The University is located at Langston, Oklahoma, eleven miles east of Guthrie and one and one-half miles west of Coyle. It may be reached over the Santa Fe railroad, via Oklahoma City and Guthrie or Cushing; also by bus line from Tulsa and Guthrie. The College is situated on a beautiful hill overlooking a vast expanse of open prairie. It is within easy walking distance of the village of Langston, a community of some five hundred people.

*Establishment and Purpose.* The Agricultural and Normal University was established by Act of Territorial Council and House, March 12, 1897. The bill (Council Bill of No. 87—House Bill 151) was introduced in the Council February 4, 1897, by Honorable J. W. Johnson, President of the Council, who was at that time a very eminent lawyer at Oklahoma City. Upon the introduction of the bill it was taken in charge by Honorable Henry S. Johnston and it was signed by J. W. Johnson, President of the Council; J. C. Tusley, Speaker of the House; and approved by William C. Renfrow, Governor of Oklahoma Territory.

Section One of said House Bill No. 151, locates the institution and sets forth the purpose for which the institution is established and defines its objectives as follows:

"The Colored Agricultural and Normal University of the Territory of Oklahoma is hereby located and established at or within a convenient distance from Langston, in Logan County, Oklahoma Territory, the exclusive purpose of which shall be the instruction of both male and female colored persons in the art of teaching and various branches which pertain to a common school education; and in such higher education as may be deemed advisable by such Board, and in the fundamental laws of the United States, in the rights and duties of citizens and in the Agricultural, Mechanical and Industrial Arts."

Personnel of the Territorial Council—The Council as constituted when this act was passed, was composed of thirteen members as follows:

Honorable J. W. Johnson, President; Henry S. Johnston, C. M. Brown, E. J. Clark, J. D. DeBois, A. W. Fisher, William Garrison, C. E. Gould, H. S. Hanner, B. B. Learned, D. P. Marum, D. S., Randolph and J. W. Lynch.

However, by far the most influential and most interesting Negro in the establishing and locating the school was by Dr. A. J. Alston, who was then practicing physician in the town of Langston. He was a very able man in his day and wielded much power and influence among both whites and Negroes.

On establishing the Institution and adopting the final plans for opening its doors, the Board of Regents called to the honorable position of President of the University, the late Inman E. Page, a graduate of Brown University, who was then serving as President of Lincoln Institute (Now Lincoln University), Jefferson City, Missouri.

A bill, introduced in the House of Representatives by Carl Morgan, and in the Senate by Louis H. Ritzhaupt, both of Logan County, enacted by the eighteenth legislature and signed by the Honorable Leon C.

Phillips, Governor of the State of Oklahoma, May 1, 1941, provided that The Colored Agricultural and Normal University should be officially renamed Langston University.

The institution has been popularly known as Langston University, both within and without the state. The College, as well as the all-Negro town on the edge of which it is located, was named for the famous Negro leader, John Mercer Langston, who died in 1897.

During his life time John M. Langston was a symbol of the highest type of educational leadership. He attended Oberlin College and for many years practiced law in the city of Oberlin. He served for eleven years as member of the board of education in this famous Ohio city and was twice elected to its governing council.

His deep interest in the education of his race is evidenced by the many positions of leadership he accepted in connection with it. At one time he supervised the schooling of Negro youth in Ohio; at another time he was inspector-general of the freedmen's schools. He was the first dean of the Howard University Law School and for a time served as acting-president of the newly established university. Later he became president of the Virginia Normal and Collegiate Institute, now known as Virginia State College.

His political achievements included his appointment as consul-general to Haiti and his election to Congress from the state of Virginia.

Today Langston University is the largest and most influential reminder of the life and achievements of this worthy man.

#### PHYSICAL PLANT

*Administration Building:* Offices and Classrooms.

*Agriculture:* Engineering Building, Dairy Barn, Silos, Poultry Plant, Food Processing Plant.

*Physical Education—Health Building.*

*Central Heating Plant.*

*Home Economics Collage.*

*Mechanic Arts Building.*

*Infirmery.*

*Laundry.*

*Music Hall.*

*Nursery School.*

*Page Hall: Fine Arts.*

*President's Home.*

*Stadium.*

*Science and Agriculture Building:* Houses the Division of Agriculture and the Natural Sciences.

*Student Recreation Building.*

*Tailor Shop.*

*Training School:* Designed to accommodate one hundred pupils. It offers modern facilities for practical work in teaching.

*G. Lamar Harrison Library:* A modern library building.

*Auditorium:* A one-story building completed this year. The auditorium seats 1,200 and contains a stage and modern equipment.

### RESIDENCE HALLS

*Men:* Marquess Hall, University Men, Annex I, Annex II.

*Women:* Phyllis Wheatley, Sanford Hall, University Women.

The university, in addition to these buildings, has a number of dormitory buildings of modern construction which were secured from the Federal Government.

### GENERAL INFORMATION

*Student Government Association:* The student body is self governed. This is accomplished through an organization known as the Student Government Association. The organization has a constitution and by-laws, and is under faculty supervision. It functions through the Student Council.

*Student Christian Association:* A free, voluntary nondenominational fellowship of students and faculty members to follow the true commandments of Jesus that men establish a father-son relation to God and a brotherly relation to man.

### SOCIAL CLUBS

*The Iota Beta Chi Club.* A social organization for young women. Its purpose is to foster high ethical, moral and scholastic standards; to direct the social life of the young women into correct channels and to develop initiative and leadership.

*Philorati Club.* A social organization for women.

*Tri Zeta Club.* An organization of young women whose aim is to stimulate interest in scholarship, higher social and cultural standards, and to make worthy and useful contributions to the institution.

### FRATERNITIES AND SORORITIES

*Fraternities:* Alpha Phi Alpha, Kappa Alpha Psi, Omega Psi Phi, Phi Beta Sigma, Lambda Omicrom.

*Sororities:* Alpha Kappa Alpha, Delta Sigma Theta, Zeta Phi Beta.

### DEPARTMENTAL CLUBS

*Clubs:* The Aggie Club, Mechanical Club, Home Economics Club, The Chemistry Club, The Education Club.

### MUSICAL ORGANIZATIONS

The University Choir, The Mixed A Cappella Singers, Male Chorus, Female Chorus, University Ladies' Quartette, Langstonaires, University Band, and University Orchestra.

### DRAMATICS

*The Dust Bowl Theatre:* The Dust Bowl Theatre is more than a campus laboratory for speech courses. It is an institution with a basic idea; ethnic drama. Out of it have come such original scripts as The Moses of Beale Street, Southern Front, and the dramatization of George Schulyers novel, Black No More. For the first time in history, a group of actors from the Dust Bowl Theatre played before the National Baptist Convention; and another group is to present this spring, an original

dramatization of Walter White's novel, *The Fire in the Flint*, at the conclave of the National Association for the Advancement of Colored people.

### ATHLETICS

The athletic policy of Langston University is based upon the belief that there are certain educational value in all sports. These include health, recreational, cultural, moral and social values.

The institution therefore encourages all students to engage in some type of sports activity, and provides a program of intramural sports for both men and women.

Likewise, the college believes that intercollegiate athletics have a proper and important function in its educational program when properly administered.

Langston University holds membership in the Southwestern Athletic conference, N.A.I.S., and Intercollegiate competition is offered in football, basketball, track, tennis and baseball.

Academic expectations of athletes are the same as those required of all other students.

Opportunities for student employment are available to athletes on the same basis that they are available to all other students of the college.

Intercollegiate athletics are controlled by a committee of faculty members known as the Athletic Council.

### SCHOLARSHIPS, PRIZES AND STUDENT LOANS

*Scholarships:* The G. L. Harrison Scholarship of \$50.00 is awarded to the entering freshman who makes the highest score on entrance examinations.

The Langston University Alumni Association offers three scholarships of \$50.00 each to the freshman, sophomore and junior maintaining the highest scholastic average of his class.

The Evelyn Pittman Choir Music Scholarship of \$50.00 is awarded to the most outstanding major in music in the Junior Class.

The G. L. Harrison Medal is awarded to the most outstanding member of the graduating class from the Division of Agriculture. The student must be eligible for honors and must also have the highest scholastic average of his class.

Scholarships and prizes are awarded at the end of the regular academic year, and students winning these scholarships must return to the University not later than the beginning of the second semester of the next year.

*Student Loans:* Alumni Loan Fund—Established 1944 by Langston University Alumni Association—\$250.00. It is available to students who need small sums to purchase books, supplies and other incidentals.

John E. Buford Memorial Loan Fund—Established 1945 by the family of the late John E. Buford—\$110.00. It is available to students doing passing work at or above the sophomore year.

W. E. Day Parent Teachers Association Loan Fund—Established 1949. The amount is \$313.00.

Langston University Club of Los Angeles, California Student Loan Fund—Established 1949—\$70,000.

Mildred P. Williams Loan Fund—Established 1948—\$50.00.

Agriculture Loan Fund (Slaughter's Loan Fund)—Established 1944—\$30.00.

Walter R. League Loan Fund—Established 1950—\$217.80.

J. W. Sanford Student Loan Fund—Established 1950 by Mrs. C. V. Sanford and J. Wilburn Sanford, widow and son of the late J. W. Sanford—\$600.00.

The Lamar Harrison Jr. Memorial Loan Fund—\$200.00. Established by President and Mrs. G. L. Harrison in memory of their late son Lamar Jr., available to members of the Langston University Band.

### HEALTH SERVICE

All freshmen and new entries are required to have a physical examination including a blood test, small-pox vaccination, tuberculin test, typhoid vaccination, etc. All persons who handle food, and all athletes are required to have the same examination.

Students health fee is included in the registration fee. This fee will permit the use of the dispensary and hospitalization when ill. Students who do not board on the campus must pay 50 cents per day for board while in the infirmary.

All students ill enough to be in bed are required to enter the infirmary.

Faculty members and employees using the dispensary will be required to pay a fee for medicines and materials used.

The university will not be responsible for surgical operations.

Health lectures will be given from time to time. All students are required to attend these lectures.

### CORRESPONDENCE AND EXTENSION STUDY

The University offers a number of courses by correspondence and extension. Rules, regulations, and course offerings are published in a separate bulletin. For full information write the Director Correspondence and Extension Study Department.

### PUBLICATIONS

The University issues during the year a series of publications together with numerous programs, folders, and announcements. The administrative publications include:

The General Catalog.

The Summer School Bulletin.

The Southwestern Journal.

The Langston Gazette, a student newspaper.

The Correspondence and Extension Study Bulletin.



### THE LIBRARY

G. Lamar Harrison Library is a recently completed modern structure. The building contains a reference room, eight semi-private reading areas in the stacks, four large reading areas, a Browsing Room, and two Faculty-study lounges. In addition to this, there are the usual service rooms, staff work rooms, office, conference room, and staff lounge.

The book collection, which numbers approximately 40,000 volumes, includes the basic standard reference books, professional and technical literature, and avocational and recreational reading material.

In addition to the resources of the general collection, the library has approximately 7000 bound periodicals. To continue and supplement the bound sets, 700 current periodicals, newspapers, transactions of literary, scientific, historical and other societies are annually subscribed to or secured through exchange and gift.

The Library is a designated depository for the publications of the United States Government, as well as for the publications of a few State Governments.

### STUDENT CONDUCT

Students are expected to show both within and without the college such respect for order, morality, personal honor, and the rights of others as is demanded of good citizens.

Students who reside in the town of Langston and those who live in the dormitories, and "VetVille" are under the direct supervision of the Dean of Women and the Dean of Men. They are expected to obey the rules and regulations of the houses and dormitories in which they live.

The college strongly advises against the use of intoxicating liquors, and highly disapproves of its use by any students, male or female. Any unbecoming conduct resulting from the use of intoxicating liquors will be dealt with severely.

If in the judgment of the University officials concerned, a student's conduct in a given instance is not in keeping with the general objectives of Langston University, they reserve the right to suspend the student.

#### *Women Students*

All women students are under the supervision of the Dean of Women, and whether in their homes or elsewhere are expected to conform to the general regulations prescribed for women students.

Young women will be required to furnish their own linens, such as sheets, spreads, blankets, etc.

### WOMEN'S ORGANIZATIONS

#### *Women's House Governments*

These are the Student Government bodies of the women's dormitories. The functions of the self-governing bodies may be stated as follows:

1. To regulate all matters pertaining to the student life of those residents of the dormitories which do not fall under the immediate jurisdiction of the faculty.

2. To further in many ways the spirit of unity of the women of the dormitories.
3. To increase their sense of responsibility toward each other.
4. To be a medium by which the social standards of the university can be made and kept high.

#### *Off-Campus Government*

Composed of students who live off-campus. It maintains the same functions as do the dormitory organizations.

#### *The Undergraduate Women's Association*

The major function of this organization is to promote overall activities which provide opportunity to all undergraduate women (resident or non-resident) to engage in wholesome recreational, cultural, intellectual, and civic activities. We list the following objectives:

1. The development of interest and trends affecting student, civic, state and national welfare.
2. The development of a sense of responsibility for action on some of these problems now.
3. The development of the ability to think logically and to speak extemporaneously.
4. To develop a recognition of the importance of parliamentary procedure.
5. To foster programs that acquaint students with the problems, interests and concerns of women the world over.
6. To engender in the minds of all, the importance of good values, and to encourage participation in that which is culturally, morally, and spiritually uplifting.

It is important to note that all undergraduate women, by virtue of registration are automatically members of this Association. This Association works through the Women's Council which acts as a steering committee. This council is composed of the officers from each House, and one representative from each Club and Sorority.

#### *Junior Counselors*

This organization is composed of six girls, chosen in their Junior year by ballot and approved by Dean of Women's Staff and Heads of Departments. These girls are selected on basis of scholarship, personality, womanly attributes, and qualification for graduation. Their purposes:

1. To live in the freshmen dormitory and cordially receive freshmen into the dormitory, to see that they are made happy and as comfortable as possible, and that the ideals of Langston and dormitory life are presented to them with reverence and dignity.
2. To work with the Dormitory Director and Dean of Women to aid them in problems of adjustment.
3. To show by example the desirable traits of college women.

4. To give the Freshmen at the earliest possible point such contact that will insure their getting a correct idea of their responsibility to the group life which they are a part.

### WOMEN'S TUTORIAL STAFF

This organization is composed of students in several fields of study. They must possess a "B" average or above. Their purpose is:

1. To give tutorial assistance to freshmen students who desire help in their studies.

#### *Club-Sorority Advisory Board*

This board meets only when problems occur involving a Sorority or Social Club. The members come together to discuss the problem with the Dean of Women.

## ADMISSION AND GRADUATION

### Application and Registration

*Credentials.* Students desiring admission to the Freshman class should make application in writing and must have certificates of high school credits sent to the Registrar at least four weeks before registration day. Application for Admission blanks will be furnished by the Office of the Registrar upon request.

Applicants for admission with advanced standing must make application and file, at least two weeks before the registration date, official transcripts showing high school and college work completed.

*Permits.* An admittance card is sent to those applicants whose credentials are satisfactory. New students must present this card to their advisors at the time of registration. Permits not mailed may be secured at the office of the Registrar.

*Entrance Examinations.* Before registration, Freshmen are required to take the following entrance examinations: English Placement, Algebra Aptitude, Psychological Examination, Personality Test, Vocational Interest Test, Reading Test.

*Freshman Week.* All Freshmen are required to be present during the period designated as Freshman Week. The University sets aside this week in order to assemble the Freshmen before the rush of general registration. The purpose of the program is to make the students acquainted with one another, the physical plant, the general rules and regulations, objectives and organization of the University. Other features of the program include a "talent night" and a series of teas and receptions.

*Registration Instruction.* See the "University Calendar" for registration dates.

### Entrance Requirements

Any student who is a graduate of an accredited high school or who has completed not less than fifteen curricular units of accredited high school work, may be admitted to the Freshman class. The fifteen units must include three to four in English, one or two in mathematics, one in American history, and one in natural science.

Students who graduate from non-accredited high schools are required to take examinations to validate their work. If the school has less than fifteen accredited units, the student will be required to take examinations in the non-accredited subjects.

### Advanced Standing

Applicants for advanced standing are required to make application for admission and file official transcripts of high school and college work completed.

A student is eligible for advanced standing provided that he has completed college work in other institutions of standard rating and has withdrawn in good standing.

The University, however, reserves the right to reject transfer credit of "D" or barely passing grade.

No students transferring to this institution shall offer as a major for graduation a field of work in which he has not taken one or more advanced courses while in residence here.

Students transferring from non-accredited institutions must complete one semester's work (sixteen semester hours) in residence at this institution before final advanced standing shall be given.

New students must complete all entrance examinations before registration. Registration instructions are printed in the Registration Book.

*Class Schedule.* A schedule of all classes offered for each semester may be secured from the Office of the Registrar or the Office of the Dean of Instruction. This schedule shows the class hour, room assignment, instructor, and credit for each course.

*Payment of Fees.* All fees must be paid at the time of registration, and no registration is complete until fees are paid.

*Registration Requirements.* See "Late Registration Fee" under "General Fees and Deposits". In addition to the late registration fee a student may be required to carry a reduced study load.

Required courses must precede elective courses in the order of their requirements.

No credit is given for work in which the student is not officially registered.

No student may enroll for less than 12 nor more than 16 semester hours except by permission of his advisor and by approval of the Dean.

*Change in Registration.* Change in registration may be made during the first two weeks of either semester. A course dropped with the permission of the advisor and approval of the Dean during the first two weeks will not be included in the registration for that semester. A course dropped without official approval shall be recorded in the Office of the Registrar as a Failure.

When a student withdraws from the college, the instructor will report a grade which indicates the quality of work at the time of the student's withdrawal. See "Marking System."

### REGULATIONS RELATING TO COURSES

*Credit.* Credit for courses is reckoned in terms of semester hours. A semester hour of credit represents one class exercise per week for eighteen weeks.

*Class periods.* The regular lecture-recitation class period is sixty minutes in length, including time for transition between periods. The laboratory period is one hundred-twenty minutes long.

*Class Attendance.* Students are expected to attend all classes and are not to be absent without adequate reasons. An absence may be considered excused only by a written administrative statement or by a certificate of protracted illness. In case of sick certificate, such statement must be issued or counter-signed by the University Physician or Nurse.

When a student has accumulated unexcused absences in any course during the semester amounting to one more than twice the number of credit hours the course yields, the student shall be dropped from the course, and a failing grade shall be recorded in the Office of the Registrar.

An absence immediately preceding or following a holiday will constitute a double absence in the course involved.

Absence from class, whether excused or unexcused, does not relieve the student from responsibility for the performance of any part of the work required in the course during the period of his absence.

*Dropping Courses.* Student may drop courses during the first two weeks of a semester upon the approval of their advisor and the dean of instruction. After that time, they must secure the written approval of the instructor concerned, the advisor and the dean of instruction. A dropped course will receive a grade of "F" under the following conditions.

- A. Discontinuing a course without official approval.
- B. When the student is not passing in the course at the time of withdrawal from the course. (WF)

When a course is dropped after the fourth week of a semester it is recorded as WP if the student was doing passing work or WF if the student was doing failing work. A course dropped "without discredit" before the fourth week of the semester is recorded W (withdrew).

*Marking System.* Grade marks are as follows:

- A-Excellent; with 3 grade points for each credit hour.
- B-Good; with 3 grade points for each credit hour.
- C-Fair; with 1 grade point for each credit hour.
- D-Poor; with no grade points for each credit hour.
- F-Failure; with -1 grade points (minus one) for each credit hour.
- I-Incomplete.
- W-Withdrew without discredit.
- WP-Withdrew passing.
- WF-Withdrew failing.

An incomplete grade not removed during the next period of registration automatically becomes a failure and is so recorded in the Office of the Registrar.

*Examinations.* Students are required to take all tests and examinations. Regular examinations designed to cover the entire work of a course are held at the close of each semester.

Absence from tests or examinations will be excused only on immediate presentation in writing, of a satisfactory explanation which meets the approval of the Dean of Instruction.

In case of illness the student should present a doctor's certificate or one from the University Nurse.

*Course Numbers.* Courses in the 100 and 200 series are intended primarily for Freshman and Sophomores. Those numbered in the 300 and the 400 series are primarily for Juniors and Seniors.

Juniors and Seniors who take courses in the 100 and 200 group without the approval of the head of the department and the dean will have their number of hours required for graduation increased by the number of hours taken in these courses.

*Class Standing.* Classification is determined as follows: Less than 32 semester hours, freshman; 32 to 62 sophomore; 63 to 93, junior; more than 93, senior.

#### *Scholarship*

Every effort will be made by the institution to motivate the students to do their best work, to ascertain what they can do and to determine their objectives. Any student whose record fails to meet the minimum requirements as stated below must appear before the committee on Academic Status for advisement.

A student who fails in one third or more of the work in which he is enrolled is placed on scholastic probation the next semester. If he should fail in one third or more of his work during his probationary period, he is subject to be dropped from the institution for one semester.

Freshman who earn less than twenty grade points for the year are placed on scholastic probation. If at the end of their second year they have accumulated less than forty-five grade points, they are subject to be dropped from the institution for one semester. A student who is dropped from the University for failure to earn the minimum number of grade points will not be permitted to enroll in work at the senior college level until he evidences by tests his ability to do work at the advanced level.

### **REQUIREMENTS FOR GRADUATION**

*Baccalaureate Degrees.* The University confers the baccalaureate degrees Bachelor of Arts, Bachelor of Science, Bachelor of Science in Agriculture, Bachelor of Science in Business Administration, Bachelor of Science in Elementary Education, Bachelor of Science in Industrial Arts, Bachelor of Science in Secondary Education, Bachelor of Science in Home Economics.

#### *Minimum Requirements*

Each Candidate must complete a total of at least one hundred and twenty-four semester hours. These must include, four in physical education, the work designated as prescribed courses and general education requirements, the work necessary in the chosen fields of concentration, and a sufficient number of free electives to complete the total.

A minimum of thirty-six weeks in residence with not less than thirty semester hours of credit earned in residence is required of all candidates.

Work completed in an accredited Junior College may be accepted toward meeting the requirements for graduation. A graduate of a Junior College may transfer not more than sixty-two semester hours.

Transfer credits earned by correspondence or extension study are accepted only upon recommendation of the head of the University Department in which the subject is taught.

Not more than a total of thirty semester hours of credits earned by correspondence study and or in extension courses may be applied toward graduation, not more than nine credits in the major field or six in the minor field may be offered by the candidate.

Six semester hours of credit in American History and American Government must be completed by all candidates for graduation.

The candidate must be registered at the time he qualified for a degree.

At least forty-five percent of the hours presented for graduation must be of the senior college level.

Curriculum substitutions may be made only on recommendation of the head of the department and by approval of the dean of instruction.

The candidate must have a minimum grade point ratio of 1.0. His general average is expressed in terms of grade points, computed as follows:

Three grade points for each semester hour of "A" grade.

Two grade points for each semester hour of "B" grade.

One grade point for each semester hour of "C" grade.

No points for each hour of "D" grade.

Minus one (-1) grade points for each hour of "F" grade or "WF" grade.

The student's average is computed by dividing the total number of grade points received by the total number of hours registered. When a course is repeated the last grade shall stand. If the original grade is "D" or lower and the new grade is "C" or higher, the original grade is not considered in computing the student's average for graduation. Both grades, however, become a part of the permanent record and both appear on official transcripts. Work accepted by transfer is not considered in computing the average grade.

### GRADUATION WITH HONORS

*Cum Laude.* A degree Cum Laude is awarded to a candidate who has no grade below D, and a grade point average of 2.00.

*Magna Cum Laude.* A degree Magna Cum Laude is awarded to a candidate who has no grade below D, and a grade point average of 2.40.

*Summa Cum Laude.* A degree Summa Cum Laude is awarded to a candidate who has no grade below D and whose grade point average is 2.70.

To be eligible to graduate with honors a student must complete four years of work in residence in this University.

Students who complete less than four years in residence may be graduated "With Distinction", on the basis of grade points.

### GENERAL INSTRUCTIONS AND REGULATIONS CONCERNING PAYMENT OF FEES

All institutional fees, tuition, and room and board are payable in advance. A student whose account is five days past due will not be permitted to remain in the institution.

The remittance of maintenance cost, or other charges set by the institution should be made either by cashier's check, bank draft, or money order. Such payment should be made payable to Langston University and sent to the Chief Clerk.

No student will be permitted to begin a new semester or summer session whose bills of a previous term have not been paid in full. The full payment of all charges and balances standing on the books of the institution must be made before certificates, diplomas, or degrees will be issued.

#### Fees and Deposits

A. Residents of Oklahoma (per semester)	
1. Registration .....	\$ 40.00
(Students taking less than 12 hours pay \$3.25 per hour with a minimum of \$16.25 per semester)	
B. Non-residents of Oklahoma (per semester)	
1. Registration .....	40.00
2. Out-of-State .....	96.00
Total non-resident per semester .....	136.00
(Non-resident students taking less than 12 hours pay \$8.00 per hour with a minimum of \$40.00)	
C. Extra-Curricular Fee-Per semester .....	1.00
D. Laundry - Per Month .....	1.00
E. Off campus practice teaching (Senior per semester hour) .....	6.25
F. Correspondence or Extension (Per semester hour) .....	7.00
G. Other Fees	
1. Private lessons in fine arts, Speech and Applied Music (Per semester hour) .....	18.00
2. Studio and instrument rental (per semester) .....	3.00
3. Car driving course and Agriculture .....	6.00
4. Graduation, diploma, etc. ....	7.00
5. Art .....	3.00
6. Auto Mechanics, Carpentry, Electricity, Photography ....	8.00
7. Commercial Dietitics and Cosmetology .....	5.50
8. Mechanical Drawing .....	5.00
9. Private, Personal Tutoring (per clock hour) .....	2.00
10. Radio, Shoe Repair, Tailoring, Bricklaying .....	8.00
H. Board Per Year .....	288.00
Board is payable in 9 installments of \$32.00 per month.	



I. Room Rent (Per month)	
Phyllis Wheatley .....	8.00 & 9.00
University Women .....	8.00 & 9.00
Sandford Hall (for women) .....	9.00 & 10.00
University Men (Annex I.) .....	9.00 & 10.00
University Men (Annex II.) .....	8.00 & 9.00
P. H. A. (Temporary Housing) .....	9.00
(Refundable Deposits)	
Property Deposit .....	5.00
Key Deposit .....	.75
R. O. T. C. Uniform .....	10.00

### Refunds

Refunds to students who withdraw:

During the first 2 weeks 75% is refunded.

During the 3rd and 4th weeks 50% is refunded.

During the 5th and 6th weeks 25% is refunded.

Thereafter, no refunds.

Note: All matters pertaining to finance should be addressed to the Chief Clerk, Langston University, Langston, Oklahoma.

### DORMITORY REGULATIONS

Students registering in the dormitories shall be required to remain in the dormitories for the entire semester or summer term unless circumstances cause them to withdraw from school.

### AID FOR THE PHYSICALLY HANDICAPPED

The State Board for Vocational Education, through the Vocational Rehabilitation Division, offers payment of tuition and other services to civilian students who have certain physical handicaps, provided the vocational objective selected by the student has been approved by a representative of the Division. Application for Vocational Rehabilitation should be made to the Vocational Rehabilitation Office, 1141 North Robinson, Oklahoma City, Oklahoma.

### GENERAL STATEMENT OF ENACTMENT

The act of the legislature creating Langston University reads as follows: "The Colored Agricultural and Normal University of the Territory of Oklahoma is hereby located and established at or within a convenient distance from Langston, in Logan County, Oklahoma Territory and the exclusive purpose of which shall be the instruction of both male and female colored persons in the art of teaching and various branches which pertain to a common school education; and in such higher education as may be deemed advisable by such Board, and in the rights and duties as citizens, and in the Agricultural, Mechanical and Industrial Arts."

### GENERAL OBJECTIVES OF THE COLLEGE

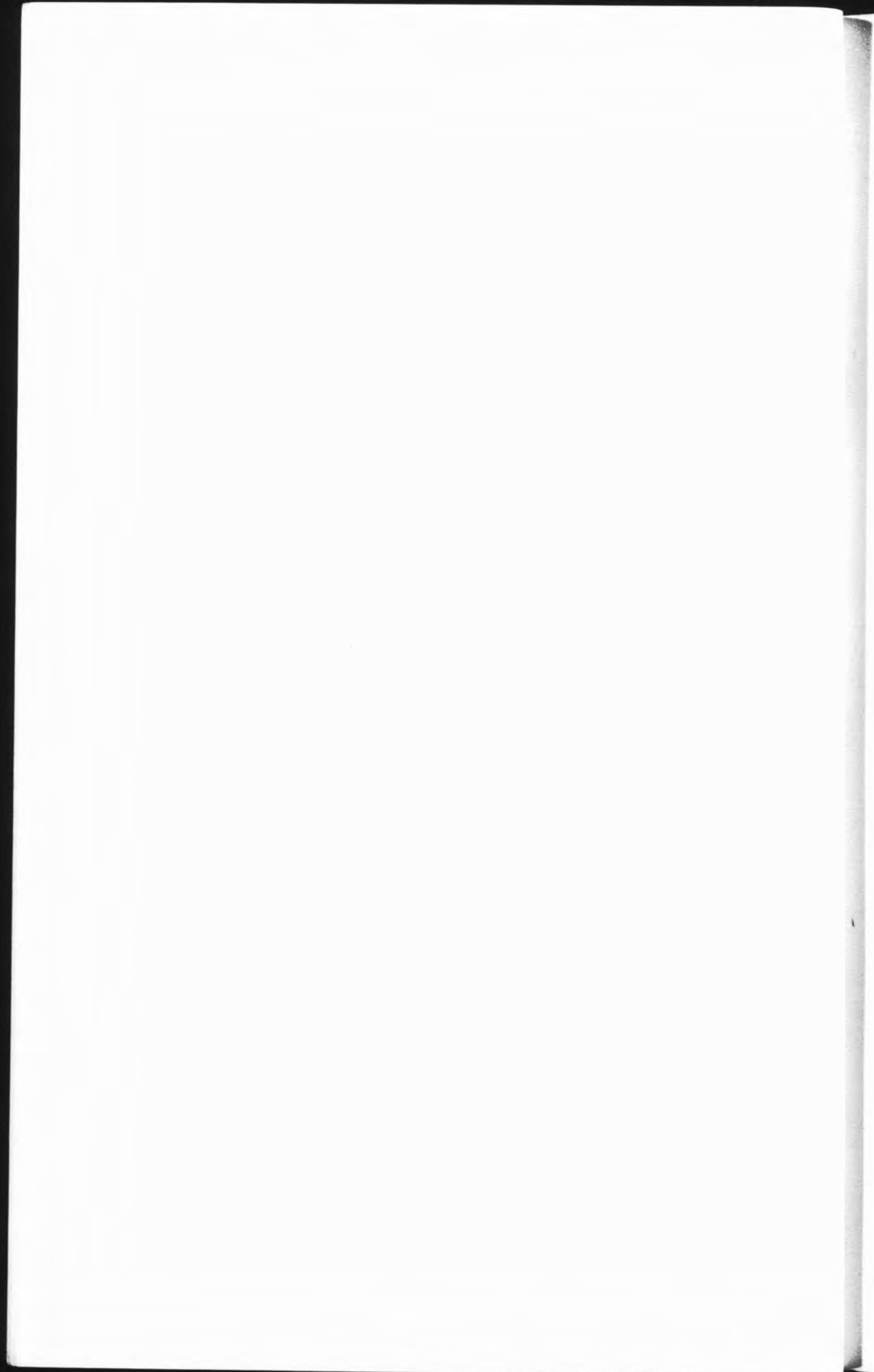
Langston University, a Negro Land-Grant College, exists for the purpose of promoting through instruction the practical applications of knowledge to specific life situations.

The five basis areas of service are as follows:



NEW AUDITORIUM

9.00  
0.00  
0.00  
9.00



1. To provide training for a cultural background, health, balanced personality and normal social adjustment.
2. The training of teachers for those branches of service which meets the common demands of the state.
3. The training in definite skills, which enables those taught to attain greater economic freedom.
4. To provide pre-professional training.
5. To promote research work directed toward solving group problems.

#### **Organization**

The work of the college is grouped under five divisions as follows:

1. Division of Agriculture.
2. Division of Arts and Sciences
3. Division of Education
4. Division of Home Economics
5. Division of Mechanic Arts

Departments of instruction are listed elsewhere in the catalogue.

## The General Education Requirements

Students enrolled in this institution will be required to complete, at least, fifty semester hours in general education. Course work is to be taken in at least six of the following subject matter areas:

1. Basic communications
2. Social studies
3. Health and physical education
4. Science
5. Mathematics
6. Psychology
7. Foreign language
8. Fine arts
9. Practical arts

Specific course requirements for the freshman year are:

- A. Basic Communications: A course in grammar with written and oral composition—6 Sem. hrs.
- B. Social Sciences: One course each in American history and American government—6 Sem. hrs.
- C. Mathematics: Algebra and trigonometry or a course in general mathematics—6 Sem. hrs.
- D. Natural Science: Chemistry, biology or a course in physical and biological sciences—6 Sem. hrs.
- E. Physical Education: Freshman activities—2 Sem. hrs.

Elective courses during the first year shall constitute no more than four semester hours of work. If the student is exempted from taking physical education, the maximum load for a freshman student is sixteen semester hours.

**The Sophomore Year:** A student will elect enough hours of course work to complete the fifty semester hours of general education. This work must be distributed among a minimum of six subject-matter areas.

## DIVISION OF AGRICULTURE

### OBJECTIVES

1. To secure an understanding of the application of the natural sciences to plant and animal production.
2. To promote research among faculty and students.
3. To give training in economic production of livestock, livestock products and crops production in farmer training.
4. To give training in the necessary fundamentals and develop skills in farm shop, farm machinery and farm structures.
5. To train young men to develop and exercise the function of rural leadership.
6. To give training in the conservation and maintenance of soil fertility.

### Organization

The Agricultural services of the institution are carried on through the following three Major Fields.

1. Agricultural Education (Smith-Hughes)
2. Agricultural Extension (Smith-Hughes)
3. Residence Training

### COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

The headquarters of the Negro Division of the Cooperative Extension work in Oklahoma is located at Langston University. The University also serves as a center for state wide events held by the Extension Division, such as the State 4-H Club Round-Up and Short Course, State Junior Livestock Show, Adult Short Courses and Conferences and Short Courses for County Extension Agents.

Cooperative Extension Work in Agriculture and Home Economics is essentially that of teaching, of showing the farmer and his family and the rural community how to apply the practical results of investigational work and studies of the Federal Department of Agriculture, the State Agricultural Colleges and like institutions, to the problems of the farm, out of books and printed matter as it is with the living things of the farm, the orchard, the barn, the home, the creamery and the market place. Emphasis is placed on demonstrations and personal contact rather than on lectures and books.

The end sought is a more efficient and profitable agriculture, and an adequate supply of food and clothing for the nation, a wholesome rural life, and an intelligent, alert, progressive rural people.

## RESIDENCE TRAINING

### University Farm

The University has 400 acres of land on Highway 33, ten miles north-east of Guthrie, Oklahoma. The soil, a reddish yellow loam of sand stone, origin prairie soil. One hundred fifty-seven (157) acres of this land are under cultivation and serve as a farm laboratory. Highway 10 acres; campus site, 40 acres; drives, buildings and cemetery, 9 acres; creek 7 acres; boundary lines, 6 acres; Permanent pasture, 108 acres, piggery, 12 acres and poultry plant 3 acres.

### DIVISION SPONSORED PROJECTS

The Division of Agriculture offers an opportunity for a limited number of farm boys who have developed livestock projects during their high school career under the supervision of their County Agent or Vocational Teacher to bring their projects to the university campus, as a means of helping finance their college education. Persons may secure information about projects from County Agents and Teachers of Vocational Agriculture.

It is our hope that such a program will fill two needs, namely:

1. To enable some worthy farm boy to secure a college education.
2. To secure the much needed experience for succeeding in a practical situation after graduation.

### GENERAL INFORMATION

Agriculture is a basic industry to the welfare of any people. A large percentage of the Negro population is still engaged in agricultural pursuits. Agriculture is so closely related to many other industries that it opens up a large and varied field of opportunity. The Division of Agriculture offers to men and women several four-year programs of study leading to the degree of Bachelor of Science in Agriculture.

The work of the division is designated to give broad education and a thorough training to those sciences which are the basis of scientific agriculture. The various courses are planned for preparing students for various types of farming—agriculture high school teachers, extension.

Fundamental subjects common to all curricula are English, Chemistry, Botany, Mathematics, Bacteriology, Entomology and Economics.

The work of the Freshman and Sophomore years is common to all agricultural students. Specialization begins with the junior year with such differentiation in courses as the faculty and equipment will permit.

The courses in Agronomy, Animal Husbandry, Poultry Husbandry, Agricultural Engineering, and Horticulture give thorough training in the scientific principles underlying the practical work in the most important type of Oklahoma Agriculture.

### AGRICULTURAL ORGANIZATIONS

There are two faculty sponsored student organizations among the agricultural students. The Technical Agricultural Seminar; all regularly enrolled students are eligible for membership in this organization. The objective being mainly student fellowship and improvement through public participation.

The college chapter of the N. F. A. is a graduate chapter of the high school organization, the functions of which are similar to the above but of more routine nature allied with the promotion of teacher training practices. Membership is predicated on former standing in a high school chapter. Membership in N. F. A. or Technical Agricultural Seminar is compulsory to be in good standing in the division.

#### REQUIREMENTS FOR ADMISSION

Students who elect the four year degree courses are required to be admitted through the regular admission procedure to the university as set up by the administration. Women students may major in agriculture but will be expected to meet standards set up for the men.

#### GRADUATION

A student must have satisfactorily completed a minimum of 130 semester hours of work and must meet the requirements in his major field of concentration. Agricultural Education majors and elementary agricultural teachers should include specified courses outlined by the state for certification. Membership in good standing must be maintained in one of the agricultural organizations sponsored by the division.

#### FARM PRACTICE REQUIREMENTS

For those who in the opinion of their major adviser feel that their farm practice is limited, they are required to spend their summer vacation between the sophomore and junior year on the University's farm or an approved farm to acquire this practice, credit for which may be assigned but shall not count in the total 130 hours required for graduation.

A comprehensive examination in general will be given by the agricultural faculty to all juniors during the first semester, as a basis for determining to what degree the student has been able to profit by the instruction given as a guide for future use in predicting success and correlating credits with achievement in later life on a real job.



**BASIC CURRICULUM****FRESHMAN YEAR**

(See Page 35)

*Freshman Year Electives*

	1st Sem.	2nd Sem.
Field Crops 101 .....	2	
Forage Crops 102 .....		3
Animal Husbandry 131 .....	3	
Animal Husbandry 132 .....		2
Total.....	5	5

*Sophomore*

Ag. Eng. 161-162, Farm Shop—Farm Power .....	2	2
Ag. 141-142, Farm Poultry .....	2	3
Biol. 351, Botany .....		4
Chemistry 311, Organic .....	5	
Ag. 232-233, Dairying .....	3	3
Ag. 211-212, Landscape Gardening—Vegetable Garden .....	3	3
Ag. 235, Dairy Elements .....	1	1
Physical Education 201-202 .....	1	1
Total.....	17	17

**VOCATIONAL AGRICULTURE***Juniors*

Ag. 341, Poultry Flock .....	2	
Ag. 337, Dairy Sanitation .....		2
Ag. Eng. 261-262, Domestic Engineering—Farm Machinery .....	2	2
Ag. 304-402, Materials and Agencies—Soil Conservation .....	3	3
Ag. 330-331, Feeds and Feeding .....	3	3
Biol. 356, Bacteriology .....	3	
Ag. Eng. 352, Vocational Education .....	2	
Ag. Ed. 354, Adult and Young Farmer Classes .....		2
Ed. 102, Educational Psychology .....	3	
Ag. Eco. 371, Farm Credits .....		2
Ag. Ed. 353, Observation and Participation .....		3
Total.....	18	17

*Seniors*

Ag. Eco. 472-473, Marketing Farm Products—Farm Management .....	2	3
Biol. 354, Entomology .....		4
Ed. 201, General Methods .....	3	
Ag. Ed. 451, Course Organization .....	2	
Engl. 317, Journalism .....	2	
Ag. Ed. 454, Practice Teaching .....		4
Ag. 434, Dairy Cattle Production and Management .....		2
Ag. Ed. 453, Supervised Practice .....	2	
Ag. Ed. 474, Farm Records .....	2	
Ag. Ed. 355, 357, New Farmers of America .....	1	1
Electives .....	3	
Total.....	17	14

**TECHNICAL AGRICULTURE***Juniors*

	1st Sem.	2nd Sem.
Ag. 243, Hatchery and Chick Management .....		3
Ag. Eng. 261-262, Domestic Engineering—Farm Machinery .....	2	2
Ag. 304-306, Soils—Soil Management .....	3	3
Ag. 318, Plant Pathology .....	3	
Ag. 315, Plant Physiology .....		3
Ag. 330-331, Feeds and Feeding .....	3	3
Biol. 354, General Entomology .....	4	
Science 356, Bacteriology .....	3	
Electives .....		3
Total.....	18	17

*Seniors*

Ag. Eco. 371, Farm Credit .....		2
Biol. 454, Genetics .....		3
Ag. Eco. 472-473, Marketing Farm Products—Farm Management .....	2	3
Ag. Eco. 474, Farm Records and Accounts .....	2	
Electives .....	12	8
Ag. 430, Beef Cattle .....	2	
Ag. 434, Dairy Farm Management .....		2
Total.....	18	18

**DESCRIPTION OF COURSES****PLANT PRODUCTION****Crops and Soils**

*Ag. 101—Field Crops* (formerly Major Crops) *Credit 2 hours*

A general survey of the field of crop production, including types, varieties of field crops, their history, soil and climatic adaptations. Seeding, culture, harvesting, laboratory work on seed selection, judging, identification and computation of yield averages.

*Ag. 102—Forage Crops* *Credit 3 hours*

The identification, adaptation and use of forage and pasture plants, including native grasses and legumes.

*Ag. 105—General Agriculture* *Credit 2 hours*

For teachers and prospective teachers in the state of Oklahoma.

*Ag. 202—Crop Ecology* *Credit 2 hours*

A study of the environmental factors of crop production.

*Ag. 203—Elements of Crops and Soils* *Credits 1-3 hours*

Fundamentals and skills in crops, soils and equipments.

*Ag. 303—Soil Organisms* *Credit 3 hours*

A study of the soil organisms and the factors which influence their growth. Designed to meet the needs of Agriculture and Home Economics students.

*Ag. 304—Soils* *Credit 3 hours*

A study of the genesis, morphology, classification and geography of soils as well as materials and agencies involved in soil formation.

*Ag. 306—Soil Management* *Credit 3 hours*

Means of modifying physical, chemical and biological properties of soil by drainage, tillage, fertilization and liming.

*Ag. 307—Crop Production* *Credit 1-3 hours*

Current developments in crop and soil, their interpretations and application to practical situations.

*Ag. 400—Problems in Crops and Soil* *Credit 1-3 hours*

Local crops and soils problems, their identification and treatment.

*Ag. 402—Soil Conservation* *Credit 3 hours*

The conservation of soils through contours, sod crops, and erosion retarding practices.

*Ag. 405—Soil Analysis* *Credit 3 hours*

A study of methods in soil testing. Mechanical analysis, moisture equivalent, colloids, base exchange, reaction.

### **Horticulture**

*Hort. 211—Landscape Gardening* *Credit 3 hours*

Designing, planning and planting home, church and school grounds.

*Hort. 212—Vegetable Gardening* *Credit 3 hours*

Home and commercial vegetable growing, including hot bed and cold frame work.

*Hort. 215—Elements of Horticulture* *Credit 1-3 hours*

Fundamentals and skills in horticulture and horticultural equipment.

*Hort. 311—Fruit Growing* *Credit 3 hours*

Home and commercial orcharding as it applies to Oklahoma.

*Hort. 312—Nursery Practice* *Credit 3 hours*

Plant propagation, grafts, buds, layers and seedage as it applies to ornamental and horticultural plants.

*Hort. 313—Garden Flowers* *Credit 2 hours*

Storing, planting, cutting of annual, biennial and perennial garden flowers, also the establishment and care of lawns.

*Hort. 314—General Floriculture* *Credit 3 hours*

The growing and production of flowers under glass and outdoor gardens.

*Hort. 318—Plant Pathology* *Credit 3 hours*

The synthesis of plant foods and the utilization of mineral elements in plant nutrition.

*Hort. 318—Plant Pathology* *Credit 3 hours*

Deals with identification and control of plant diseases common in Oklahoma.

*Hort. 415—Problems in Horticulture* *Credit 1-3 hours*

Local problems with horticultural crops, their nature and methods of handling.

### Agricultural Engineering

*Ag. Eng. 161—Farm Shop* *Credit 2 hours*

A general course in forging, repair and maintenance of the farmstead.

*Ag. Eng. 162—Farm Power* (formerly 164) *Credit 2 hours*

Tractors, gas, stationary engine maintenance and repair.

*Ag. Eng. 260—Farmstead Engineering* *Credit 2 hours*

Construction, design and location of farm buildings.

*Ag. Eng. 261—Domestic Engineering* *Credit 2 hours*

Water, sewage, lighting, heating and refrigeration equipment for the farm home.

*Ag. Eng. 262—Farm Machinery* *Credit 2 hours*

Tillage, seeding and harvesting, maintenance and repair.

*Ag. Eng. 461—Soil Conservation Engineering* *Credit 2 hours*

This is a laboratory course to soil conservation. Field exercises in terracing, drainage and farm planning.

### Agricultural Education

*Ag. 352—Vocational Education* *Credit 2 hours*

The aims of education and the problems and scope of Agricultural Education. Prerequisite, 26 hours of technical agriculture.

*Ag. Ed. 353—Observation and Participation* *Credit 3 hours*

Observation and participation, including methods and principles of teaching vocational agriculture. Prerequisites, 352 and 26 hours of technical agriculture. Recitation and laboratory, 4 hours.

*Ag. 354—Adult and Young Farmer Classes* *Credit 2 hours*

Procedure for organizing and conducting adult and young farmer classes. Open to Juniors and Seniors. Recitation and laboratory.

*Ag. 355—New Farmers of America* *Credit 1 hour*

Organization of the New Farmers of America, purposes, aims and functions. Course to be given throughout the year in connection with the collegiate N. F. A. Chapter.

*Ag. 356—Farm Shop Methods* *Credit 2 hours*

Methods of teaching farm shop and farm mechanics in vocational agriculture. Offered alternate years.

*Ag. 357—Continuation of 355* *Credit 1 hour*

*Ag. Ed. 451—Course Organization* *Credit 2 hours*

Organization of the course of study for vocational agriculture from the farm survey and other data. Prerequisites, 352 and 35 hours of technical agriculture. Recitation and laboratory, 4 hours.

*Ag. Ed. 453—Supervised Farm Practice* *Credit 2 hours*

Important types of problems and scope of supervised farm practices. Prerequisites, 352 and 353. Recitation, 1 hour; laboratory, 3 hours.

*Ag. Ed. 454—Practice Teaching* *Credit 4 hours*

Teaching and teaching procedures for All-Day, Day Unit, Part Time and Evening Classes in Vocational Agriculture. Students must do work in a department of Vocational Agriculture, away from the college. Recitation and laboratory, 7 hours. Prerequisites, 353, 451 and 453.

### Agricultural Economics

*Ag. Eco. 371—Farm Credit* *Credit 2 hours*

Study of the farm credit structure, organization and operation of the Federal Credit System. The problems and functions of Agricultural Adjustment. For Juniors and Seniors.

*Ag. Eco. 472—Marketing Farm Products* *Credit 2 hours*

The structure of Agricultural marketing, shipping, selling and regulating agencies in the functions of marketing.

*Ag. Eco. 473—Farm Management* *Credit 3 hours*

Economic factors involved in successful farm organization, cost accounting and farm records. The application of principles and their operations on a few selected farms. Prerequisite, Senior standing.

*Ag. Eco. 474—Farm Records and Accounts* *Credit 2 hours*

Costs accounts in the operation of a farm business. Prerequisite, Senior standing.

### Animal Production

*A. P. 132—Breeds and Types—Continuation of 131.* *Credit 2 hours*

Types and breeds of livestock. Breed selection for production and show.

### Not Farm Meats

*A. P. 132—Breeds and Types—Continuation of 131.* *Credit 2 hours*

*A. P. 232—Principles of Dairying* *Credit 3 hours*

A study of the composition and properties of milk, common dairy test used on dairy products, and the manufacture of dairy products—butter, cheese, ice cream and buttermilk.

*A. P. 233—Dairy Cattle* *Credit 3 hours*

A study of the breeds of dairy cattle; the pedigrees, family lines, noted breeders and farms; the principles of modern dairy cattle breeding; and the principles of judging dairy cattle.

- A. P. 235—Dairy Elements* *Credit 1-3 hours*  
 Fundamentals and skills in handling dairy cows and equipment.
- A. P. 236—Dairy Elements—Continuation of A. P. 235* *Credit 1-3 hours*
- A. P. 330—Animal Nutrition* *Credit 3 hours*  
 The digestion and metabolism processes in the animal body.
- A. P. 331—Feeds and Feeding* *Credit 3 hours*  
 Foodstuffs, growth requirements, and calculation of the nutrients in a ration.
- A. P. 332—Market Milk* *Credit 2 hours*  
 A study of the market milk industry; milk ordinances; city milk supply; milk procurement, transportation, grading, pasteurizing, bottling, distribution; cream, buttermilk and plant inspection.
- A. P. 337—Dairy Sanitation* *Credit 2 hours*  
 A study of the function of bacteria in the processing of milk in the manufacture of butter, cheese, ice cream and condensary products. The sanitary production of market milk is fully presented and demonstrated, training students for public health inspection work in milk sanitation, as well as field men and laboratory technicians in dairy sanitation control.
- A. P. 338—Dairy Production* *Credit 1 hour*  
 Current developments in the field, their interpretation and application to practical situations.
- A. P. 430—Beef Cattle Production* *Credit 2 hours*  
 The care and management of beef cattle herd.
- A. P. 432—Sheep Production* *Credit 2 hours*  
 Methods of growing and management of sheep. Prerequisite, A. P. 331.
- A. P. 434—Dairy Farm Management* *Credit 2 hours*  
 Management of the dairy farm; relation of the farm to the dairy herd; arrangement and development of dairy farm buildings; and problems of economical milk production.
- A. P. 435—Dairy Problems* *Credit 1-3 hours*  
 Problems involved in the operation and management of dairy herds.
- A. P. 436—Dairy Problems—Continuation of A. P. 435* *Credit 1-3 hours*
- A. P. 437—Swine Production* *Credit 2 hours*  
 A survey of the swine industry in general and detailed study of the system of management and feeding used in purebred and commercial herds; practice in fitting and exhibiting.
- A. P. 439—Animal Breeding* *Credit 2 hours*

Lectures and recitation on heredity, variation and correlations as applied to livestock breeding.

### Poultry

A. P. 141—*Farm Poultry* *Credit 2 hours*

Required of all agricultural students. The general principles of caring for the farm poultry flock. An introductory course for all agriculture students.

A. P. 142—*Farm Poultry—Continuation of A. P. 141* *Credit 3 hours*

A. P. 243—*Hatchery and Chick Management* *Credit 3 hours*

Principles of incubation and breeding. Embryology of the chick; hatcheries and assembly plants.

A. P. 340—*Poultry Elements* *Credit 1-3 hours*

Fundamentals and skills in handling poultry flock and equipment.

A. P. 341—*Poultry Flock Management* ..... *Credit 2 hours*

The business of poultry farming, laying out and managing commercial farms. Visits to poultry farms in local area.

A. P. 440—*Poultry Problems* *Credit 1-3 hours*

Local poultry problems, methods of identifying and handling.

## Division of Arts and Sciences

### OBJECTIVES

The Division of Arts and Sciences offers courses which are designed to give students a working knowledge of the physical, biological, and cultural aspects of man's environment.

The Division seeks to:

1. Provide service courses for students in the other divisions of the college.
2. Provide specific information in preparation for teaching in the various subject matter fields.
3. Provide pre-professional training.
4. Help students recognize their responsibility in group life.
5. Help students develop the cultural characteristics of educated men and women.
6. Provide opportunities for students to acquire knowledge and skill in various fields of interest.
7. Stress the importance of health.

The Division of Arts and Sciences includes the following departments of study: Art, Biological Sciences, Business Administration and Commerce, English and Foreign Languages, Library Science, Mathematics, Music, Physical Education, Physical Sciences, and Social Sciences.

### Major and Minor Requirements

At the end of the sophomore year the student who has not already done so must select, with the advice and approval of the departmental head concerned and the Dean, a department as a major field of concentration and specialization. He must also select another department or departments for minor fields of concentration and specialization.

The work of the Junior and Senior years should be planned carefully, and the student should choose his courses after conferring with his advisor.

For the B. S. degree a student must complete a major of at least 30 semester hours in one area (biology, chemistry, physics or mathematics) and an additional 30 semester hours distributed among the other three areas. Mathematics and science majors are required to complete a minimum of 12 semester hours of a foreign language.

For the B. A. degree a student must complete a major, and one related minor and 12 semester hours of a foreign language.

### Pre-Professional Programs

The University provides pre-professional programs in the fields of dentistry, medicine, nursing, law, and in some other areas not listed. Those students who are interested in a pre-professional program should make this known to their advisors at the time of registration.



## DEPARTMENT OF ART

The Department of Art (drawing and painting) offers courses in the several branches of Fine Art, for the purpose of giving students a broad knowledge of appreciation and technical training in the Fine Arts and also for the preparation of teachers.

Students not planning to teach must take 12 hours of Modern Languages and 3 hours of General Psychology.

An Art Major must complete 30 hours of Art. Major required: 101, 102, 107, 205, 209, 301, 305, 309, 405, 413, 313, 411.

Elective 6 hours, making 30 hours.

Minor required: Minor in Art must complete 18 hours of Art. Required Courses: 101, 102, 107, 201, 205, 209, 301, 411, 413.

As partial fulfillment for A. B. Degree with major in Art, graduating Seniors must prepare one man exhibit.

### DESCRIPTION OF COURSES

*Art 100A—Art Appreciation* *Credit 2 hours*

*Art 100B—Survey of Art Principles* *Credit 2 hours*

*Art 101—Principles of Art* *Credit 2 hours*

A study of line forms and color through which principles of art structure will be studied.

*Art 102—Principles of Art (Continuation of 101)* *Credit 2 hours*

*Art 107—Perspective* *Credit 2 hours*

Principles of perspective with the application of freehand drawing of interior and exteriors. Prerequisite 101.

*Art 201—Still Life* *Credit 2 hours*

Drawing and painting from still life gives the student an opportunity to become familiar with various mediums as charcoal pencils, water color, and oil.

*Art 205—Design* *Credit 2 hours*

A study of the principles of design and color theory and creative development. (Prerequisites 101, 107).

*Art 207—Design (Continuation of 205)* *Credit 2 hours*

*Art 209—Poster* *Credit 2 hours*

A study of decorative space filling and lettering. Prerequisites 101, 102. Lab. \$1.00.

*Art 411—Poster (Continuation of 209)* *Credit 2 hours*

Prerequisites 101, 102. Lab. \$1.00.

- Art 213—Anatomy* *Credit 2 hours*  
 A study of the human figure with emphasis in the bone muscle action. Open to Art and Physical Training Majors.
- Art 301—Water Color* *Credit 2 hours*  
 Studies in still life, flowers, and decorative landscape.
- Art 303—Water Color* (Continuation of 301. Prerequisite 301). *Credit 2 hours*
- Art 305—Composition* (Pictorial) *Credit 2 hours*  
 Theory of picture making: black, white, color. Prerequisites, 101, 102, 201, 205, 301.
- Art 307—Pottery* *Credit 2 hours*  
 Handbuilt tile, vase and other objects. Prerequisites 101, 102, 205.
- Art 309—Modeling and Sculpture* *Credit 2 hours*  
 Prerequisite, 307. Lab. \$1.00.
- Art 311—Applied Art* *Credit 2 hours*  
 The application of design to wood, leather, metal and other decorative materials. Lab. \$1.00.
- Art 312—Crafts* (Art Education) *Credit 2 hours*
- Art 313—Landscape* *Credit 2 hours*  
 A study of landscapes in watercolor, pastel, oil. Prerequisites, 101, 205, 301, 303.
- Art 401—Painting* (Watercolor, Casein, Oil) *Credit 3 hours*
- Art 405—History of Art* *Credit 2 hours*  
 The cultural background of Western Europe to the Renaissance. Open to College Students.
- Art 407—History of Art* *Credit 2 hours*
- Art 408—Contemporary Art* *Credit 3 hours*  
 The history of art from the Renaissance to the period of American painting.
- Art 409—History of American Art* *Credit 2 hours*  
 A lecture course dealing with the background of American art.
- Art 411—Elementary Art* (Education) *Credit 3 hours*  
 Projects in various media, paper cutting, block printing, finger painting, spatter, blackboard, chalk, and crayon drawing.
- Art 413—High School Art* (Education) *Credit 3 hours*  
 Study of and building types of lessons. Care and distribution of materials, tools, and art work.

## Department of Biological Sciences

The Department offers courses in biology for (1) premedical students and (2) those who wish work in biology for teaching careers in this field. The courses are organized to afford students the opportunity to gain such knowledge of plants and animals as belong to a general culture as well as provide for the needs of teachers.

### Requirements

A major in Biology requires at least 30 semester hours beyond the general course. The following courses are required: 151, 152, 255, 256, 251, and 451. Majors in Biology must complete at least thirteen semester hours in courses numbered 300 and above.

A minor in Biology requires at least 24 semester hours. The following courses are required: 151, 152, 251, 255, 256, and 451.

### Courses of Instruction

#### *Biol. 151—General Biology*

*Credit 3 hours*

A lecture and laboratory course designed to serve the departmental majors and students for medical school. The basic principles of nutrition, responsiveness and reproduction are covered and Morphological basis is provided for the developmental and taxonomic principles. The content of the course stresses mostly the survey of the plant kingdom. Lectures two hours per week. Laboratory four hours per week.

#### *Biol. 151—General Zoology*

*Credit 3 hours*

A lecture and laboratory course in which attention is focused more sharply upon man, his bodily functions, his practical problems and biological background. Time is devoted to a consideration of the various organ systems of the body, the emphasis varying so as not to repeat points covered in Biology 151. Lectures two hours per week, laboratory four hours per week.

#### *Biol. 251—General Botany*

*Credit 4 hours*

An introduction to the study of plants, structure, activities modification and their economic importance. Emphasis is placed on the higher groups and some attention is given to classification of species. This course includes laboratory experiments and outside references. Lectures two times per week. Laboratory four hours per week.

#### *Biol. 253—The Plant Kingdom*

*Credit 3 hours*

The general study of the structure and function of plants. A survey of the entire plant kingdom. Representative plants from each phylum are studied as to their habitat, methods of reproduction, structure of parts and economic importance. Prerequisite: Biol. 251 or its equivalent.

#### *Biol. 255—Comparative Vertebrate Anatomy*

*Credit 5 hours*

A study of the general features of the chordate development and a comparative study of the anatomy of vertebrates representing the classes of the sub-phylum vertebrata. The laboratory work consists of the dissection of a representative type of animal chosen from outstanding classes. Lectures three hours a week. Laboratory four hours per week. Prerequisite Biol. 151-152. No partial credit given.



PHYSICAL EDUCATION—HEALTH

B

E

st

la

an

B

lo

de

p

th

T

B

cl

cl

ii

p

h

B

o

B

se

in

a

P

B

o

u

l

B

P

a

s

h

B

t

c

l

*Biol. 256—Mammalian Anatomy, Continuation of 255*      *Credit 5 hours*

*Ed. 306-B—Teaching of Biological Sciences*      *Credit 3 hours*

The objective of this course is to give methods of biological instruction in secondary schools, with special attention to classroom and laboratory techniques, demonstrations, visual aids; assigned readings and discussions. Three lectures.

*Biol. 340—Invertebrate Zoology*      *Credit 3 or 4 hours*

This course takes into consideration a comprehensive study of the lower animal kingdom. An attempt is made to trace the evolutionary development of the invertebrate. Emphasis is placed on taxonomy, morphology, physiology and distribution. Students are encouraged to acquaint themselves with local fauna through work with individual problems. Two lectures per week; Four laboratory hours.

*Biol. 351—Vertebrate Embryology*      *Credit 3 hours*

This course is designed to study development of Amphioxus, Frog chick, and human. Lecture portion emphasizes gametogenesis, syngamy, cleavage, gastrulation, neuralation, and organogeny. Laboratory portion emphasizes recognition of developmental stages and practical application of microtechnique. Two hours per week for lectures. Four hours laboratory per week.

*Biol. 353—Human Anatomy*      *Credit 3 hours*

An analysis of the structure, function, and inter-dependence of the organs of the human body. Prerequisites: Biol. 151, 152.

*Biol. 354—General Entomology*      *Credit 4 hours*

An introductory course to the history and characteristics of representative group of insects. The study of the economic importance of the insects. Field and laboratory work. Students will be required to make a collection. Two lectures per week, laboratory four hours per week. Prerequisites, Biol. 151 and 152 or their equivalent.

*Biol. 355—Parasitology*      *Credit 3 hours*

Special emphasis on laboratory techniques, identification and study of parasites of local fauna. Post-mortem examinations will be performed upon various animals in the investigation of problems. Prerequisites, 151, 152.

*Biol. 356—General Bacteriology*      *Credit 3 hours*

This course embraces a study of bacteriological technique and the physiological and classification of bacteria, yeast, and molds. Special attention is given to some of the pathogenic micro-organisms. Prerequisites, Biol. 151, 152, or Chemistry 101, 102. Two lectures and laboratory hours per week.

*Biol. 451—Physiology*      *Credit 4 hours*

General consideration of the principles and methods of body functions. The course includes a study of interrelationships of organs, muscles, nerves, digestion, circulation and respiration. Prerequisites, Biol. 151, 152 and Chemistry 101, 102.

*Biol. 154—Genetics**Credit 4 hours*

A critical study of fundamental laws of genetics including mutation, mendelism, linkage, sex linkage, lethal characters and many genetical readings in recent literature. Two hours of lectures and four hours of laboratory per week. Prerequisites 151, 152, 251 or their equivalent.

*Biol. 158—Histology**Credit 3 hours*

Prepared microscopic slides of various tissues and organs of the mammal, emphasizing the distinctive minute structures characteristic of each. For majors in Zoology, and biology teachers and premedical students. Two hours of lectures and two hours of laboratory per week.

## The Department of Business Administration and Commercial Education

The Department of Business Administration and Commercial Education has a two-fold purpose, (1) to provide professional training and (2) to train teachers of business subjects for the secondary schools.

*B. A. 101—Elementary Typewriting* *Credit 3 hours*

This course covers a working knowledge of the use of all parts of the typewriter and the mastery of the keyboard by the touch method. Added emphasis is given to drill for speed accuracy in transcription of easy material from printed matter and shorthand notes.

*B. A. 102—Elementary Typewriting* *Credit 3 hours*

A continuation of B. A. 101 with emphasis on speed, accuracy, tabulation, and arrangement of tabulated materials.

*B. A. 111—Elementary Shorthand* *Credit 3 hours*

This course includes a study of word building and general principles outlined by the Gregg Shorthand Manual Simplified. Emphasis is placed on the mastery of shorthand principles and the correct formation of characters outlines.

*B. A. 112—Elementary Shorthand* *Credit 3 hours*

Continuation of principles of Gregg Shorthand simplified. The course is designed to strengthen the student's knowledge of the system, to build shorthand-writing speed, and to prepare a foundation on which to build transcription skill through Dictation Simplified. (Pre-requisite, 111 or its Equivalents.)

*B. A. 201—Advanced Typewriting* *Credit 3 hours*

This is a course to develop personal skills. Work includes legal forms, letter writing, manuscript writing, stencil cutting, and tabulation. (Pre-requisite B. A. 112.)

*B. A. 211—Advanced Shorthand* *Credit 3 hours*

This course is designed to increase the student's shorthand speed and to develop the student's ability to construct new outlines under stress of dictation. Provides a complete, thorough, and repetitive review of the principles of Gregg Shorthand simplified. Emphasis is placed on accuracy and readiness in transcribing. (Required of those who are planning to do Secretarial Work.)

*B. A. 311—Business Organization and Finance* *Credit 3 hours*

A study of the various types of business organizations and a general survey of the methods used in financing business with special stress



on corporations, their significance in modern economic life and corporation finance.

*B. A. 312—Investments* *Credit 2 hours*

An analysis of types of stock and bonds and of the issues of selected corporations. (Pre-requisite, B. A. 311.)

*B. A. 305—Business English* *Credit 3 hours*

The object of this course is to give students an understanding of the service of communication to business, and to train students to use correct and forceful English for business purposes. A study is made of the principles of effective expression and their application to the various types of business writing, such as credit and collection letters, application letters, adjustment letters, sales letters, and business reports.

*B. A. 351—Elementary Accounting* *Credit 3 hours*

A course designed to prepare the student with the necessary background to understand and interpret trial balances, financial statements, bookkeeping methods, etc. (Required for all students majoring in Business Administration and Commercial Education.)

*B. A. 352—Elementary Accounting* *Credit 3 hours*

Continuation of 351.

*B. A. 314—Principles of Marketing* *Credit 3 hours*

Pre-requisite Economics 202. The general principles and practices underlying the processes of marketing, market planning, budget and cost, market research; consumer problems.

*B. A. 412—Transcription* *Credit 2 hours*

A study of the transcription of letters, and business forms; development of proficiency in reading shorthand, writing shorthand, and transcribing shorthand notes. (Pre-requisite, B. A. 201.)

*B. A. 492—Office Training and Filing* *Credit 2 hours*

Various methods of classifying and filing business correspondence. Laboratory practice in indexing and filing. Office procedure, ethics, and etiquette.

*B. A. 411—Business Law* *Credit 3 hours*

A brief study of the nature and source of law, and the study of the principles of contract, and property.

*B. A. 412—Business Law—Pre-requisite 411.* *Credit 3 hours*

A study of the law of negotiable instruments, the Uniform Sales act and the law of agencies.

*B. A. 454—Income Tax Accounting* *Credit 3 hours*

Study of federal and state income taxation laws and regulations; history and background; sources of tax law and organization and procedures of the Bureau of Internal Revenue.

*B. A. 423—Governmental Accounting* *Credit 3 hours*

Essential principles of governmental accounting; account classification, budgets, statements and special treatment of all records necessary to account for governmental funds.

B. A. 414—Corporation Finance

Credit 3 hours

A survey of the organization and development of the modern profit-seeking corporation. Problem of promotion, operation and organization are considered.

**BUSINESS ADMINISTRATION**

*Freshman Year*

*First Semester*

Engl. 101—Engl. Composition .....	3
Math. 101—College Algebra .....	3
Hist. 202—U. S. History .....	3
Natural Science .....	3
Modern Language .....	3
P. E. 101—Freshman Activities.....	1
	16

*Second Semester*

Engl. 102—Engl. Composition .....	3
Math. 106—Plane Trigonometry.....	3
Pol. Sci. 201—Int. to Amer. Gov't .....	3
Natural Science .....	3
Modern Language .....	3
P. E. 102—Freshman Activities.....	1
	16

*Sophomore Year*

Engl. 223—Survey Engl. Lit. ....	3
Math. 221—Business Mathematics..	3
B. A. 101—Elementary Typing ....	3
Econ. 201—Prin. of Economics ....	3
Geog. 201—Elements of Physical Geog. ....	3
P. E. 201—Sophomore Activities.....	1
	16

Engl. 212—Effect. Speech Making..	3
Math. 230—Fund. of Statistics.....	3
Math. 204—Plane Analytics .....	4
Econ. 202—Prin. of Economics ....	3
Engl. 224—Survey of Eng. Lit.....	3
P. E. 202—Sophomore Activities.....	1
	17

*Junior Year*

B. A. 351—Elementary Account'g..	3
Math. 305—Differen. Calculus .....	4
B. A. 314—Marketing .....	3
B. A. 352A—Business Statistics.....	3
B. A. Elective .....	3
	16

B. A. 352—Elementary Account'g..	3
Math. 306—Integral Calculus .....	3
Econ. 302—Money & Banking .....	3
B. A. 305—Business English .....	3
B. A. 316—Corporation Finance.....	3
	16

*Senior Year*

B. A. 451—Advanced Account'g.....	3
B. A. 354—Cost Accounting .....	3
B. A. 454—Income Taxation .....	3
B. A. 411—Business Law .....	3
B. A. 412—Personnel Managem't..	3
	15

B. A. 452—Advanced Account'g.....	3
B. A. 423—Gov't Accounting .....	3
B. A. 421—Auditing .....	3
B. A. 412—Business Law .....	3
B. A. 453—Organiz. of Small Business .....	2
	14

## COMMERCIAL EDUCATION

*Freshman Year**First Semester*

Engl. 101—Engl. Composition .....	3
Math. 101—College Algebra .....	3
Hist. 202—U. S. History .....	3
Natural Science .....	3
Modern Language .....	3
P. E. 101—Freshman Activities.....	1
—————	
	16

*Second Semester*

Engl. 102—Engl. Composition.....	3
Math. 106—Plane Trigonometry.....	3
Pol. Sci. 202—Int. to Amer. Gov't .....	3
Natural Science .....	3
Modern Language .....	3
P. E. 102—Freshman Activities.....	1
—————	
	16

*Sophomore Year*

Educ. 102—Ed. Psychology .....	3
Math. 221—Bus. Mathematics .....	3
B. A. 111—Elem. Shorthand .....	3
Econ. 201—Prin. of Economics.....	3
B. A. 101—Elementary Typing .....	3
P. E. 201—Sophomore Activities.....	1
—————	
	16

Engl. 212—Effect. Speech Making..	3
Math. 230—Fund. of Statistics.....	3
B. A. 112—Elem. Shorthand .....	3
Econ. 202—Prin. of Economics.....	3
B. A. 102—Elementary Typing .....	3
P. E. 202—Sophomore Activities.....	1
—————	
	16

*Junior Year*

B. A. 351—Elem. Accounting.....	3
Educ. 201—Methods, Mgt., School Law .....	3
B. A. 352A—Business Statistics.....	3
Geog. 302—World Geography .....	3
B. A. 201—Advanced Typing .....	3
—————	
	15

B. A. 352—Elem. Accounting .....	3
Education .....	6
B. A. 211—Advanced Shorthand.....	3
B. A. 305—Business English .....	3
—————	
	15

*Senior Year*

B. A. 451—Advanced Accounting.....	3
Educ. 490—Methods of Teaching.....	3
Educ. 492—Apprentice Teaching.....	3
B. A. 402—Office Training .....	2
B. A. 314—Marketing .....	3
B. A. 411—Business Law .....	3
—————	
	17

B. A. 452—Advanced Accounting.....	3
B. A. 453—Organiz. Small Business .....	2
Educ. 493—Apprentice Teaching.....	3
B. A. 312—Transcription .....	2
Econ. 302—Money & Banking.....	3
B. A. 316—Corporation Finance.....	3
—————	
	16

## Department of English and Modern Languages

### THE CURRICULUM IN ENGLISH

Freshman and Sophomore courses in English are primarily designed to promote facility in the student in analyzing and in organizing ideas, in writing effective expository prose, and in reading literature with appreciative understanding.

Advanced courses offer the opportunity to trace the history and development of English and American Literature and their continental backgrounds. This study purports to present the best that has been thought and said in the world. Through such work one may expect to enlarge and to discipline both the imagination and the emotions and to gain personal satisfaction through participation in the ordered experience which the author presents.

Many will find in English a close relationship between its disciplines and their vocational aims. Hence one of the major functions of the department is that of preparing teachers. Students who plan to become teachers of English at the secondary school level should make this known at the end of their Sophomore year.

All freshman students are required to take diagnostic placement examination for the purpose of classification on their admission to the University. Those who indicate by the results of this test their inability to pursue profitably the regular Freshman English program are required to elect a remedial English section for which no credit is allowed.

### CONCENTRATION IN ENGLISH

All students desiring to major or minor in English are required to present the following courses as pre-requisites: 101, 102, 223, and 224.

For the major, twenty-four semester hours beyond the pre-requisites are required. The student must elect courses 301, 302, 402, 403, and either 401 or 405. Elections in the three and four hundred group will be made to complete the required number of hours.

For the minor, nine semester hours beyond the pre-requisites are required. The student must elect these nine hours in three and four hundred groups.

Related minors-English majors should choose minors from the following related groups: Speech, History, or a Foreign Language.

Students majoring in English are required to pass a series of two departmental examinations to be given at the end of the junior and senior years. The junior examination will be written and the senior examination will be oral. The purpose of these examinations is to determine the progressive proficiency of the student in the field as a whole. Where the results of these examinations indicate deficiency, additional course work or intensive guided study will be required before re-examination.

## DESCRIPTION OF COURSES

*English 100* (formerly 0)—*Remedial English Grammar* *Credit 0*

A review of the principles of grammar for those students unable to pursue satisfactorily regular freshman composition.

*English 101 and 102—English Composition* *Credit 3 hours*

The emphasis is on expository writing with the aim of developing the student's ability to express himself clearly. The student is given experience in analyzing various types of readings. Freshman students must elect 101 and 102.

*English 204—Advanced Composition* *Credit 3 hours*

A review of the fundamentals of composition and further practice in writing expository prose. Materials for writing may be drawn from the student's special field of interest.

*English 223—English Literature* *Credit 3 hours*

A survey of English literature from the beginnings to Dryden.

*English 224—English Literature* *Credit 3 hours*

A continuation of 223, treating the period from Dryden to the present. (Pre-requisite: 223).

*English 301—American Literature from 1630 to 1870* *Credit 3 hours*

A survey of American literature from the colonial writers to Longfellow. (Pre-requisites: 223, 224).

*English 302—American Literature since 1870* *Credit 3 hours*

Beginning with Whitman, the course surveys trends in prose and poetry with reference to the development of American culture. (Pre-requisites: 223, 224).

*English 305—World Literature* *Credit 3 hours*

Masterpieces of Asiatic, European, and American literature. Attention will be given to ancient, medieval and modern eras.

*English 306* (formerly 426)—*The Negro in American Literature*

A study of the Negro authors and their contributions to American literature.

(Open only to juniors and seniors) *Credit 3 hours*

*English 401* (formerly 403)—*Representative English Plays* *Credit 3 hours*

A study of representative English plays from the medieval religious drama to the twentieth century. Emphasis is placed on dramatic technique and convention, and on the literary and social significance of the plays. Shakespeare is omitted. (Pre-requisite: 223, 224).

*English 402* (formerly 423)—*Romantic Literature* *Credit 3 hours*

The poetry and criticism of the period will be studied. Poets: Wordsworth, Coleridge, Byron, Shelly, and Keats. Critics: Hazlitt, Dequincy, an contemporary reviewers. (Pre-requisites: 223, 224)

*English 405* (formerly 425)—*Victorian Literature*      *Credit 3 hours*

The rise of Victorianism as represented by the principal intellectual movements which influenced the literature of the age. The chief writers considered are: Macaulay, Carlyle, Newman, Mill, Tennyson, Browning, Arnold, Ruskin, Pater, Rossetti, Morris, and Swinburne. (Pre-requisites: 223, 224).

*English 407* (formerly 427)—*Shakespeare*      *Credit 3 hours*

A study of Shakespeare as a dramatist and poet. Detailed consideration of some of the greatest plays. (Pre-requisites: 223, 224).

*English 408* (formerly 428)—*Representative English Novels*      *Credit 3 hours*

Representative novels from Austen to Conrad are read. Lectures, discussions, and reports. (Pre-requisites: 223, 224).  
(Not offered 1951-1952)

## SPEECH

### Objectives

The courses and facilities in the dramatic and speech arts are designed to meet, through the analysis and synthesis of theory and practice, the needs and goals of students interested in the ideas and forms of communication; therefore, the subject-matter and laboratory exercises and public appearances are contrived to take in students of these adherent classes:

1. Those who desire to become of drama and speech.
2. Those who wish to increase their competence in other professional areas.
3. Those who desire personality development.
4. Those who wish to increase their appreciation of the moving picture theater and the stage.
5. Those who desire to enter the professional field as actors or playwrights.

All Speech majors and minors are required to give a demonstration of their abilities. All majors must pass a comprehensive examination.

Speech majors should observe the related offerings in English, history, art, biology, education, music, psychology, costume design, mechanic arts, physical education and sociology.

A major in Speech must have at least 24 semester hours beyond the basic Speech courses. A minor in Speech must have at least nine semester hours above the basic Speech courses.

## DESCRIPTION OF COURSES

*Speech 212—Effective Speech Making*

A study of the principles of effective delivery: voice, enunciation, pronunciation, force, posture, movement, and gesture as well as rhetorical structure. Prerequisites, English 101 and English 102.

*Speech 213—Introduction to the Theatre*      *Credit 3 hours*

A course of study designed to provide the beginning student with a general knowledge of the theatre and drama, the types and styles of plays, together with a vocabulary of theatrical terms in common use. Prerequisites, English 101 and 102.

*Speech 214—Acting Fundamentals* *Credit 3 hours*

A study of the skills of pantomime and bodily action how to make body and voice effective mediums of expression. It includes stage technique and presence, stage stimulus and response, and the dramatic projection of rhythm and emotion. Prerequisite, Speech 213.

*Speech 215—Argumentation and Debate* *Credit 3 hours*

Training in the art and principles of the public address, the art of conviction and persuasion. Prerequisites, English 101 and English 102.

*Speech 313—Principles of Reading* *Credit 3 hours*

Emphasis is placed on skills in silent and oral reading. An introductory study of reading problems and their application—a course in understanding and expressing the meaning from the printed page.

*Speech 314—Play Production* *Credit 3 hours*

No aspect of play production is here overlooked: acting, directing, lighting, costuming, scenery, makeup. It includes choosing and blocking the play, working with actors in rehearsal, polishing and integrating the play.

*Speech 315—Speech and Interpretation* *Credit 3 hours*

Basic training in phonetics and pronunciation. Analytical study of literary forms, emphasizing their differentiation for oral presentation; choral speaking technique.

*Speech 316—The Classical Theatre* *Credit 3 hours*

A study of the Greek and Roman theatre designed to give the student a knowledge of its plays and dramatists, its theatres and scenic embellishments, its ideas and forms.

*Speech 317—The Modern Theatre* *Credit 3 hours*

A history of the modern theatre in Europe and America, with study and discussion of plays and playwrights, together with the theories and styles of productions. Prerequisites, Speech 350.

*Speech 411—Playwriting* *Credit 3 hours*

A course in the study of the structure and composition of a play. Various models are analyzed, with emphasis placed on plot, premise, character, unity of opposites, scene, orchestration.

*Speech 412—Forms of Public Address* *Credit 3 hours*

Practice in preparation and delivery of public addresses commonly needed in community life: announcements, introductions, presentations, eulogies, after-dinner speeches, etc.

*Speech 413—Readings in Modern Poetry* *Credit 3 hours*

A study and appreciation of modern poetry through criticism, analysis, and reading of the great contemporaries.

## FRENCH

The main objectives of the foreign language courses are: to offer courses required by other departments of the college to fulfill the requirements for a Bachelor's Degree; to give the students a reading knowledge of at least one foreign language.

*M. L. 151—Elementary French* *Credit 3 hours*

Fundamentals of pronunciation sounds and sentence structure. Drills on French sounds as compared to English sounds.

*M. L. 152—Elementary French* *Credit 3 hours*

Pronunciation and sounds. Reading in elementary text, "Le Petit Journal." Elementary grammar. Prerequisite, 151.

*M. L. 251—Intermediate French* *Credit 3 hours*

Grammar, Syntax, Dictations, Compositions, Readings. Prerequisite, 152.

*M. L. 252—Intermediate French* *Credit 3 hours*

Grammar Review, Reading of some French Masterpieces. Magazines. Prerequisite, 251.

*M. L. 351—Advanced French* *Credit 3 hours*

Advanced Grammar. Advanced Compositions, Conversational French. Prerequisite, 252.

*M. L. 352—French Literature* *Credit 3 hours*

Rapid survey of French Literature from beginning to 19th Century. Analysis of some masterpieces.



## Department of Library Science

The courses in Library Science are designed to serve the following purposes:

1. To provide training which meets the requirements for teacher-librarian certification in the public schools of Oklahoma.
2. To provide pre-professional training as a basis for later study.
3. To provide an introduction to the subject for those who desire a general knowledge of library science as a part of their liberal education.

### DESCRIPTION OF COURSES

*Library Science 212—Introduction to the Use of Books and Libraries*

*Credit 2 hours*

The purpose and function of the modern library as a social, educational and cultural institution; lectures and discussions on the use of the library, general reference materials and aids in the preparation of bibliographies, with assigned problems.

*Library Science 313—School Library Administration and Practice*

*Credit 3 hours*

Practical study of the management of the school library, with emphasis on aims and objectives, library standards, organization, problems of finance, housing, equipment, and the relation of the library to the school's program of instruction.

*Library Science 314—Reference and Bibliography*

*Credit 3 hours*

Introduction to the basic reference works, such as encyclopedia, dictionaries, periodical indexes, atlases, yearbooks, directories, and handbooks; a study of their contents and use, with practical problems.

*Library Science 325—Book Selection and Ordering*

*Credit 3 hours*

The evaluation of representative books in broad subject fields, principles of selection, with emphasis on selection problems in the secondary school; the use of book selection aids; functions and operations of acquisition work.

*Library Science 413—Library Cataloging and Classification I*

*Credit 3 hours*

Classification of books by the Dewey Decimal System, and introduction to the principles of cataloging, with emphasis on the needs of school libraries. Practice in cataloging and classification of books and other materials.

*Library Science 414—Library Cataloging and Classification II*

*Credit 3 hours*

Continuation of Library Science 413. Pre-requisite cataloging I.

## DEPARTMENT OF MATHEMATICS

The Mathematics Department offers courses for students who need mathematics as a part of a liberal education, for students in other departments who need certain subject matter as a basis to study the specialized courses in those departments, for prospective teachers of mathematics in the Secondary Schools, and to prepare students to continue graduate work in other institutions.

A Major in Mathematics consists of thirty semester hours. The following courses are required: 101, 106, 204, 305, 306, 307, 310, and 413. Electives to complete required number of hours must meet the approval of the director.

A Minor consists of eighteen semester hours. It includes the following: 101, 106, 204, 305, 306, and three hours elective.

Math. 104 does not count on the major and minor sequence but it is required for certification unless it is offered as an entrance unit.

Courses designed for special requirements of other departments do not count on the major or minor sequences.

### DESCRIPTION OF COURSES

*Math. 100*

*Credit 0*

The fundamental operations, special products, factoring, fractions, radicals, the linear equation in one variable, and the simultaneous linear equations.

*Math. 101—College Algebra*

*Credit 3 hours*

The theory of quadratic equations, systems of equations, logarithms, exponential and logarithmic equations, binomial theorem, progressions, permutations, combinations, and probability.

*Math. 102—Arithmetic for Elementary Teachers*

*Credit 2 hours*

The meaning of the fundamental processes of arithmetic with methods of teaching in the elementary school.

*Math. 103—Solid Geometry*

*Credit 2 hours*

Planes in space, loci, polyhedral angles, surfaces and volumes of geometric solids, spherical geometry.

*Math. 106—Plane Trigonometry*

*Credit 3 hours*

The trigonometric functions, solution of triangles, logarithmic solutions, oblique triangles, identities, functions of the sum and difference of angles. Prerequisite, 101.

*Math. 200—Agricultural Mathematics*

*Credit 2 hours*

Principle of weights and measures. Computations and transformations of units, distance, volumes, and weights. Market and percentage calculations on farm commodities.

*Math. 204—Plane Analytical Geometry*

*Credit 4 hours*

Cartesian co-ordinates, loci, the line, the circle, and conic sections. Co-ordinate transformations, tangents, normal and polar co-ordinates. Prerequisite, 106.

*Math. 221—Business Mathematics* *Credit 3 hours*

Interest, periodical payments, graphs, and statistics.

*Math. 239—The Fundamentals of Statistics* *Credit 3 hours*

An elementary course for students in other fields.

*Math. 305—Differential Calculus* *Credit 4 hours*

Differentiation of algebraic and transcendental functions with applications. Parametric equations, differentials, curvature. Prerequisite, 264.

*Math. 306—Integral Calculus* *Credit 4 hours*

General methods of intergration, and applications of the definite integral. Prerequisite, 305.

*Math. 307—Integral Calculus* *Credit 3 hours*

A continuation of Calculus. Further applications of the definite integral, power series, expansion of functions into series with applications. Definition and meaning of ordinary partial derivatives; hyperbolic functions; multiple integrals. An introduction to differential equations. Prerequisites, 305 and 306.

*Math. 308—Vector Analysis* *Credit 3 hours*

A study of the algebra and calculus of vectors. Partial differential operators. The use of vector methods in industrial engineering. Applications to electrical theory, dynamics, mechanics, and hydrodynamics. Prerequisites, Differential and Integral calculus.

*Math. 310—Theory of Equations (Higher Algebra)* *Credit 3 hours*

Complex numbers, roots of polynomial equations, the cubic and quartic equations, determinants, systems of linear equations. Prerequisite, 305.

*Math. 305—Solid Analytical Geometry* *Credit 3 hours*

Co-ordinate systems in space, the plane, the line, the sphere, forms and classification of quadric surfaces. Prerequisite, 305.

*Math. 400—Seminar in Mathematics* *No Credit*

Seminar includes detailed reports on selected high level topics in both theoretical and applied mathematics. Students majoring in the department are required to report on at least one topic of a moderate degree of difficulty as a demonstration of their resourcefulness, ability, and achievement in the field of mathematics. Required of all majors in the department.

*Math. 401—Mathematical Statistics* *Credit 3 hours*

The algebraic development of formulas used in statistical methods, frequency curves, curve fitting, correlation, and probability. Prerequisite, 306.

*Math. 403—College Geometry* *Credit 3 hours*

Geometric constructions, similar and homothetic figures. Properties of triangles, the nine point circle, the Simson line, harmonic properties of circles. Junior standing.

*Math 413—Differential Equations* *Credit 3 hours*

Equations of the first order, singular solutions. Linear equations with constant coefficients; linear equations of the second order. Exact equations, total differential equations. Applications. Prerequisite, 306.

## DEPARTMENT OF MUSIC

### General Information

Music should play an important part in college life; not as an isolated program of studies for a small group of students, but as a subject well integrated into the curriculum and the atmosphere of the University. The Department of Music offers four major objectives:

1. A four year curriculum for those who wish to major in music with a broad background in the division of Arts and Sciences.
2. Cultural courses and participation groups for students in other fields.
3. A state approved curricula for professional training, executants, and other aspects of music teaching.
4. A development throughout the college of a love and appreciation for the best in music.

The student may choose one of the following subjects in music for his major: piano, voice, music education (public school music) vocal or instrumental. Instruction in voice, piano, and other instruments is given in private lessons. All theory subjects are taught in classes.

### Preliminary Musical Training

Applicants for freshman standing in the four year music curriculum must take the Kwalwasser-Dykema or Seashore test or other standard tests, and an examination over other requirements, which are as follows:

**Piano Majors:** A degree of proficiency in the fundamentals of piano technique and in playing the easier classics.

**Voice Majors:** A voice of good quality, ability to sing in time and tune, along with a knowledge of musical notation and a fundamental reading at sight.

**Other Instrumental Majors:**

A practice knowledge of the fundamental technique of playing the instrument in the study of which the student desires to major, and a degree of proficiency in the playing of the easier classics written for that instrument.

### Major and Minor Requirements

The degree of Bachelor of Arts with a major in music is offered on the completion of a minimum of 124 semester hours in the prescribed curriculum of piano, voice, instrumental, music education public school music. The minimum music requirement for the music degree in public school music or music education is 48 hours. All majors in applied music must have at least 55 hours in music.

Twenty-four semester hours are required for a minor in the department, of which nine must be in applied courses. The minor is offered with emphasis on piano, voice, school music or instrument.

### Other Requirements

Students majoring or minoring in Music Education are required to have at least six hours in voice before graduation.

All students majoring or minoring in music are required to participate in vocal and instrumental organizations.

Music majors are required to attend and participate in weekly seminars held at the music studio. The university students, faculty, and visitors have a standing invitation to attend our seminars every Wednesday a 3:00 P. M.

### Recitals and Concerts

A recital program of serious content and difficulty properly balanced with classic and modern selections is required of all music majors. The recital program of a piano is recommended to consist of a concerto from a major composer in addition to other selected material approved by his instructor. The recital program of a voice major is recommended to consist of selections taken from the Oratorios or Operas, in addition to other standard material selected by his instructor. The recital program of a Music Education major may compare in every respect to the quality of those programs required of piano and voice majors. The recital is expected to be given in the major applied instrument. In any case the major instrument may be piano, voice, violin, clarinet, trumpet, or some other orchestral or band instrument.

In addition to concerts given by various ensemble organizations, the department of music schedules a number of student recitals which offer excellent opportunities for individual performance. Music majors are required to attend recitals.

## DESCRIPTION OF COURSES

### Music Appreciation, Literature, Music History

*Music 100—Survey of Music* *Credit 2 hours*

A discussion and recognition of the simpler forms of music and lives of the composers, lectures supplemented by musical illustrations and phonograph recordings. (Not a requirement for Music Majors).

*Music 102—Survey of Music* *Credit 2 hours*

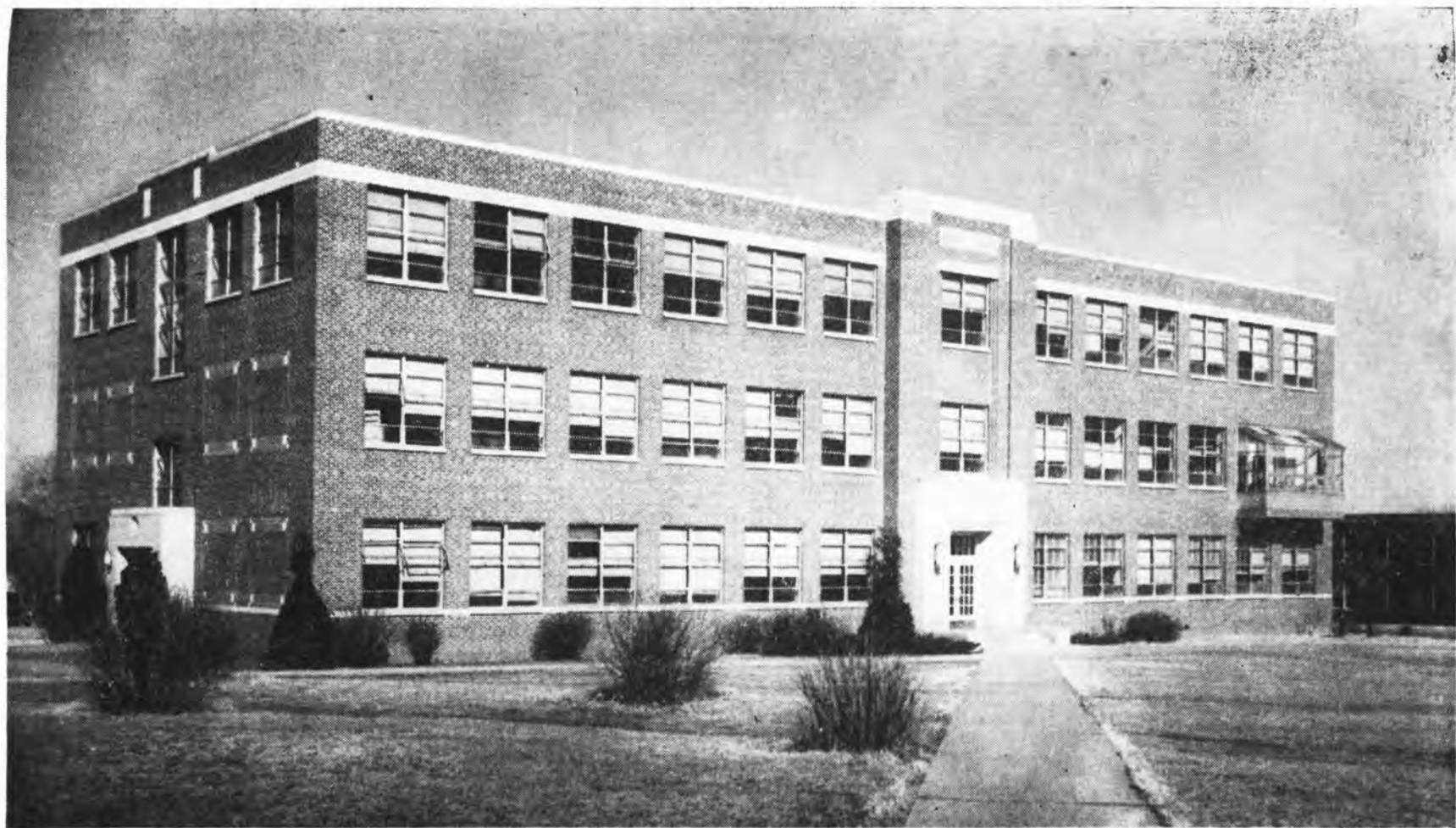
A discussion and recognition of the larger forms of music and the lives of the composers, with intensive analysis and study of the symphonies, sonatas, overtures, concertos, etc. Prerequisite 100. (Not a requirement for Music Majors.)

*Music 3H1—Music History* *Credit 3 hours*

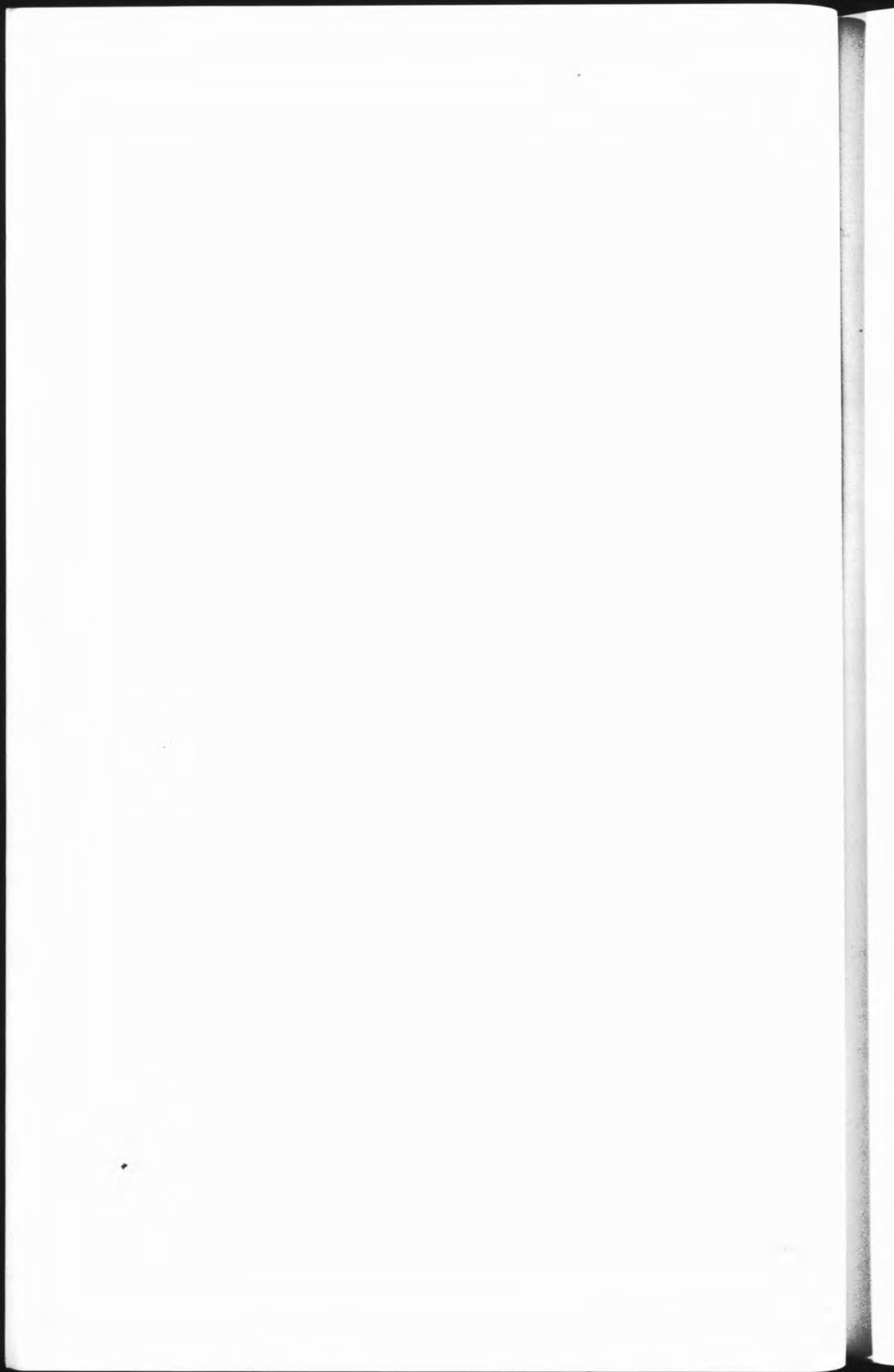
A study of the history of music from its origin to the time of Bach. This includes all phases of musical development, such as the scales, church music, secular music, opera and oratorio, and a study of the lives of men who influenced its development.

*Music 3H2—Music History* *Credit 3 hours*

A study of the history of music from Bach to modern times. This course deals with composers and artists of a later date and with the culmination of many writers of the first course. Prerequisite 3H1.



SCIENCE AND AGRICULTURE



### Music Education

*Music 3E1—Music Methods for the Elementary School*      *Credit 3 hours*

This course is designed to acquaint the students with materials and methods for elementary grades, the selection and presentation of rote songs, the child's voice in singing, and treatment of the unmusical child; development of rhythmic and melodic expression; introduction of staff notation; direct listening, the tonal and rhythmic problems common to the first six years.

*Music 3H2—Music Methods for Junior and Senior High Schools*      *Credit 3 hours*

Prerequisite 3E1.

*Music 331—Choral Arranging*      *Credit 3 hours*

A study of the principles underlying arrangements for choral groups of various types. The student is required to make several arrangements. Prerequisite, 9 hours Harmony, 2 hours Counterpoint.

*Music 3C1—Conducting*      *Credit 2 hours*

A study in conducting with special emphasis placed on the use of the baton in directing choral and instrumental groups. Special attention is given to the practice of score reading and the interpretative demands upon the conductor.

*Music 302C—Orchestration and Conducting*      *Credit 3 hours*

A course in the study of the history and development of instruments for orchestra and band. With special emphasis upon their peculiarities and limitations. The student will be required to score for these instruments in various combinations and groupings. Prerequisites, 9 hours of Harmony, 2 hours Counterpoint. (Conducting 3C2 is a continuation of 3C1.)

*Music 321V—Vocal Music Methods*      *Credit 2 hours*

This course is designed to acquaint the student thoroughly with the procedures and methods advocated by various authorities in meeting the demands of teaching situations.

*Music 322V—Vocal Music Methods*      *Credit 2 hours*

This course is a continuation of 321V.

*Music 151BP—Brass-Percussion Family (Class Instruction)*      *Credit 4 hours*

This course is designed to give students a fundamental background for the techniques in playing the brass instruments, and how to organize bands and orchestras in the elementary and high schools. The combining of percussion with the brass class is to be introduced the latter portion of the semester by the instructor.

*Music 151RP—Reed, Woodwind and Percussion Family (Class Instruction)*      *Credit 4 hours*

The approach in this course is one of fundamental techniques for playing these instruments and how to organize bands and orchestras in



the elementary and high schools. Percussion continued should be combined as outlined for the first semester.

*Music 151S—Strings (Class Instruction) Credit 2 hours*

This course gives students a fundamental technique for playing the string instruments, and is an aid in organizing orchestras in the elementary and high schools.

*Music 152S—Strings (Class Instruction) Credit 2 hours*

Prerequisite 151S.

### APPLIED MUSIC

#### Elementary, Intermediate, and Advanced

##### *Preparatory*

Piano 1PO and 2PO are non-credit courses. Either one or both are required until the student qualifies for elementary piano. The chosen album or repertory may be taken from Hanon's "Fundamentals of Piano Playing", "Schumann's, "Scenes from Childhood" (Album for the Young) or "The Older Beginner", by Williams.

*Music 1P1—Piano Credit 2-3 hours*

Czerny-Velocity studies, Heller Studies, Bach Two part Inventions, Mozart's Easier Sonatas and Mendelssohn's Song Without Words, Hanon's Virtuoso.

*Music 1P2—Piano Credit 2-3 hours*

Continuation of first semester Piano. Prerequisite 1P1.

*Music 2P1—Piano Credit 2-4 hours*

Czerny studies, opus-Three Part Inventions, Hanon's Virtuoso complete, Mozart and Beethoven Sonatas equivalent in grade of difficulty to Opus 10, No. 1, and Opus 4, No. 1, or other selected classical romantic pieces of equivalent difficulty.

*Music 2P2—Piano Credit 2-4 hours*

Continuation of the first semester piano. Prerequisite 2P1.

*Music 3P1—Piano Credit 2-4 hours*

Clementi-Gradus ad Parnassum, Bach's Well Tempered Clavichord, Hanon's Virtuoso complete; Sonatas equivalent in difficulty to the works in the first period of Beethoven's works. Selected romantic and modern pieces of equivalent difficulty. Prerequisite 2P2.

*Music 3P2—Piano Credit 2-4 hours*

Continuation of the first semester piano. Prerequisite 3P1.

*Music 4P1—Piano Credit 2-4 hours*

Hanon's Virtuoso complete; Chopin Etudes; Beethoven's Sonatas of the last period or others of equivalent difficulty. Other classic, romantic and modern pieces of suitable grade of difficulty in preparation for senior recital.

*Music 4P2—Piano**Credit 2-4 hours*

Continuation of first semester piano, intensively added material of the desired grade of difficulty. Prerequisite Music 4P1.

*Music 1V0—2V0**Non-Credit*

A preparatory until student qualifies for elementary voice.

*Music 1V1—Voice**Credit 2-4 hours*

A study of voice fundamentals. The correct physical and mental poise. Principles of breathing and breath control. Study of vowels and the essentials of tone production, and such vocal exercises as may be found necessary. Simple folk and English songs.

*Music 1V2—Voice**Credit 2-4 hours*

Continuation of first semester voice. Prerequisite 1V1.

*Music 2V1—Voice**Credit 2-4 hours*

Studies in diatonic and chromatic scales, a singing legato, staccato, triplets, simple trills, and other types of vocal embellishments. Songs requiring a more advanced technique, as the old classic of Handel, Mozart, Schubert, etc. Negro Folk and English Songs. Prerequisite 1V2.

*Music 2V2—Voice**Credit 2-4 hours*

Continuation of first semester voice. Prerequisite 2V1.

*Music 3V1—Voice**Credit 2-4 hours*

Studies for the maximum flexibility and velocity. Various chromatic examples from Operas and Oratorios. Fundamentals in style and expression appropriate to periods. Italian, French, and German Classics as well as Negro Folk and English Songs. Prerequisite Music 2V2.

*Music 3V2—Voice**Credit 2-4 hours*

Continuation of first semester voice, with special emphasis on the recitative, lyric, and dramatic examples from additional operas and oratorios. Prerequisite 3V1.

*Music 4V1—Voice**Credit 2-4 hours*

A more intensified study of the materials of the preceding year, Prerequisite, 3V2. Preparation for senior recital.

*Music 4V2—Voice**Credit 2-4 hours*

Continuation of first semester voice. Prerequisite 4V1.

*Music 151—152 (Clarinet or other woodwind instruments)**Credit 2-4 hours*

Tone production, embouchure, breathing, methods of articulation; Weissenborn for the bassoon, Rubank and Wagner for the flute, and Barrett and Gekeler for Oboe. For the intermediate and advanced courses in clarinet, Methods of Magnani, Klose and Rose; for the flute Marquarve and Pop Soussman; for aboe Barrett ad Ferling; and for the bassoon, Rubank and Wiessenborn.

*Music 151—152—Cornet (or other Brass instruments)**Credit 2-4 hours*

Attack and breath control, formation of embouchure. Methods of Arbon and Goldman for cornet; Anton Horner and Franz for French horn; Endressen for trombone and Pares, Klose and Magnani for Saxophone. The intermediate and advanced works and studies for the cornet are Arbon, Cimera and Pares for the trombone.

*Music 151—152—Organ*

*Credit 2-1/2 hours*

Preparatory manual exercises and pedal techniques; the playing of trios (two manuals and pedals); playing of chorals, preludes and shorter works for the organ. Organ students should demonstrate ability in piano before admittance to organ classes. Some recommended sources are methods of Dickerson and Stainer. For the intermediate courses in organ works of Bach, Guilmant, Carl and Mendelssohn are suggested. The use of the organ for church and concert purposes is given consideration. One of the objectives of the advanced organ course is to meet the requirement of service playing, extemporization and repertory. After prepared study and consultation the organ may be designated or chosen and Pop Soussman; for oboe Barrett and Ferling; and for the bassoon, by students of piano for the final senior recital requirements in music.

Chorus: Will be numbered 101, 102, 201, 202, 301, 302, 401, 402.

Band Instruments: Will be numbered 151, 152, 251, 252, 351, 352, 451, 452. The instrument will be designated by Name. (Example—Trumpet 151, etc.)

### MUSIC THEORY

*Music 1S1—Sight Singing*

*Credit 2 hours*

A study of the fundamentals of music including the recognition and use of the seven clefs, notation and the development of a rhythmic feeling. Students are expected to voice all intervals in the major scale and sight-sing simple songs. Class meets twice a week.

*Music 1S2—Sight Singing*

*Credit 2 hours*

Continued study in the fundamentals of music including the spelling and writing of major and minor chords and the development of a feeling for more complex rhythm. Students are expected to voice all intervals and sing music of moderate difficulty at sight.

*Music 2T1—Harmony*

*Credit 1/2 hours*

A study of chord combinations and simple part-writing as a foundation for advanced work in the several styles of original composition. The study includes intervals, scales, triads, dominant seventh chords, and embellishments.

*Music 2T2—Harmony*

*Credit 1/2 hours*

Continuation of first semester harmony, through modulation, secondary and leading-tone chords of the 7th, chords of the 9th, 11th, and 13th. Prerequisite 2T1.

*Music 3T1—Harmony*

*Credit 2 hours*

An intensive study of chromatically altered chords, the Neapolitan sixth, augmented chords and their inversions, types of embellishments, and melodic and ornamental devices extended to approach contrapuntal harmony. Accompaniment writing to assigned and original melodies. Prerequisite 2T2.

*Music 3T2—Counterpoint**Credit 3 hours*

A thorough study of the techniques involved in the mastery of writing the perfect melody, its harmonic associations, with other correctly written melodies, and their independence. Assignments written in the various species in two, three, four and five parts. Prerequisite 3T1.

*Music 4T1—Advanced Counterpoint**Credit 3 hours*

Double counterpoint, imitations, sequences, canons. The inventions and fugues in two, three, four and five parts. Prerequisite 3T2.

*Music 301A—Music Form and Analysis**Credit 2 hours*

A study of the structure and aesthetic content of music from the single note through the various homophonic forms to the compound.

*Music 302A—Music Form and Analysis**Credit 2 hours*

A continuation of form and Analysis 301A.

### HOUSING AND EQUIPMENT

The Department of Music at present is housed in two buildings, namely, Page Hall and the Music Annex, which contains lecture rooms, teacher's studios, offices, and practice rooms. Valuable additions are made from year to year to the important establishment of a music and record library which was initiated in 1947. A \$15,000 General Education grant was secured for the department of music by Dr. G. L. Harrison which aided greatly in purchasing some instruments for all areas in Music—a sound mirror, a large phonograph and recorder, organ and concert grand piano (medium) along with other studio practice pianos, records, choral literature, and some additional band instruments. The organ and concert piano will be located in the new auditorium.

### ORGANIZATIONS

The University Choir, The Mixed A Cappella Singers, Male Chorus, Female Chorus, University Ladies' Quartette, University Men's Quartette, University Band, and University Orchestra offer excellent opportunities for music participation and expression, and are under the direction of instructors in the department. Upon certification of the head of the department of music, one half hour's credit in University Choir or Band is allowed for membership and creditable participation in the University Choir or Band.

The Music Education Club endeavors to present lectures in the liberal arts field and relative sciences whose rich experiences can contribute to music and music education. Freedom of expression and discussion is encouraged with emphasis for the sake of the student's personal interest, and in order that he may be a good teacher.

## GENERAL REGULATIONS

Music students are not permitted to organize music organizations for the purpose of public performance, on or off the Campus without the consent and approval of the music staff.

Major and Minor students are not allowed to accept performance engagements, on or off the Campus without the approval of the major advisor.

Students are not permitted to give instruction in music without assignment and approval by the head of the department and major advisor.

Majors, Minors, and Applied Music students are expected to attend recitals and concerts as a part of the work in Applied music and music literature.

Lessons in applied music missed by the teacher will be made up within the semester. Lessons which fall on official holidays and those missed by students without proper notice in advance may or may not be made up and is left to the discretion of the teacher. A teacher may accept a fee for special or private students in applied music but this is not counted as a staff assignment, and therefore should not interfere with the regular assignments.

Students in applied music are expected to perform upon the recommendation of the major advisor and department staff.

Smoking in class rooms, and practice rooms is prohibited.

Supervised practice periods will be assigned at the beginning of each semester with an expected minimum of two hours practice per day. Assignments for practice are made according to the number of hours one may register for in applied music.

### "Suggested Curricula"

#### (MUSIC EDUCATION OR PUBLIC SCHOOL MUSIC (INSTRUMENTAL) LEADING TO THE BACHELOR OF ARTS DEGREE)

Music education (public school music) vocal or instrumental is designed for teaching in the elementary and secondary schools. The purpose is to prepare students and teachers, supervision of music in public schools and directors of school choruses and bands. Many schools desire the music teacher to teach some academic subjects in addition to music and music education prepares one for such an emergency. In addition to a certain amount of concentration in voice and piano, the student is made acquainted through classes in woodwind, brass, string and percussion instruments so that he can give some instruction in them. Students of public school music are expected to perform creditably during student recitals, and in case the auditorium is unavailable for a senior recital performance, the student is required to complete the recital requirements before a committee, the department, and a request for the attendance of a few visitors may be granted.

*Freshman Year*

Mus. Sight Singing 1S1 .....	2	Mus. Sight Singing 1S2 .....	2
Major Instrument 101 .....	2	Major Instrument 102 .....	2
Mus. Univ. Band .....	1/2	Mus. Univ. Band .....	1/2
Mathematics 101 .....	3	Mathematics 106 .....	3
English 101 .....	3	Engl. 102 .....	3
History 202 .....	3	Pol. Sci. 102 .....	3
Biol. or Chem. 101 .....	3	Biol. or Chem. 102 .....	3
Physical Ed. 101 .....	1	Physical Ed. 102 .....	1
	<hr/>		<hr/>
	17 1/2		17 1/2

*Sophomore Year*

*Mus. Piano 1P0 .....	0	*Mus. Piano 2P0 .....	0
Mus. Harmony (Elem.) 1T1 .....	4	Mus. Harmony (Inter.) 2T2 .....	4
Major Inst. 251 .....	2	Major Inst. 252 .....	2
English 223 .....	3	English 224 .....	3
Univ. Band .....	0	Univ. Band .....	0
M. L. French 151 .....	3	M. L. French 152 .....	3
Ed. Psy. 102 .....	3	Gen. Methods 201 .....	3
Mus. Strings 101 .....	2	Mus. Strings 102 .....	2
Physical Ed. 201 .....	1	Physical Ed. 202 .....	1
	<hr/>		<hr/>
	18		18

*Junior Year*

Mus. Univ. Choir .....	1/2	Mus. Counterpoint 3T2 .....	2
Mus. Harmony 3T1 .....	2	Mus. Reed Family 151R .....	4
Mus. Brass Family 151B .....	4	Mus. History 3H2 .....	3
Mus. History 3H1 .....	3	Major Instrument .....	2
Mus. Conducting 301 .....	2	Mus. Univ. Band .....	1/2
Mus. Univ. Band .....	1/2	Ed. 311 Measurement .....	3
Ed. 309 (Adol. Dev.) .....	3	Mus. Piano 1P2 .....	2-3
Mus. Piano 1P1 .....	2		
	<hr/>		<hr/>
	17		17 1/2

*Senior Year*

Mus. Methods 3E1 .....	3	Mus. Methods 3E2 .....	3
Mus. Inst. Methods 351I .....	2	Mus. Orchestration and	
Mus. Form and Analysis 301A .....	2	Conducting 402 .....	3
Mus. Univ. Band .....	1/2	Mus. Univ. Band .....	1/2
Major Inst. .....	3	Major Inst. .....	2
Ed. (Observation) 492 .....	2	Senior Recital 400 .....	0
Ed. (Philosophy) 314 .....	3	Ed. (App. Teaching) 493 .....	4
Electives .....	2		
	<hr/>		<hr/>
	17 1/2		12 1/2

\* If a student has the fundamental background in piano, he may begin piano 1P1, credit two hours.

Note: If a student's major is an instrument of the brass family, then he should take the string and reed family. If his major is one of the other instruments, then alternate accordingly.

### MUSIC EDUCATION OR PUBLIC SCHOOL MUSIC (Voice)

#### Freshman Year

*Mus. Voice 1V1 of Piano 1P0 .....	2	*Mus. Voice 1V2 or Piano 2P0 .....	2
Mus. Sight Singing 1S1 .....	2	Mus. Sight Singing 1S2 .....	2
Mus. University Choir .....	1½	Mus. University Choir .....	1½
English 101 .....	3	English 102 .....	3
History 202 .....	3	Pol. Sci. 201 .....	3
Mathematics 101 .....	3	Mathematics 106 .....	3
Biol. or Chem. 101 .....	3	Biol. or Chem. 102 .....	3
Physical Ed. 101 .....	1	Physical Ed. 102 .....	1
	<hr/>		<hr/>
	17½		17½

#### Sophomore Year

Mus. Voice 2V1 .....	2	Mus. Voice 2V2 .....	2
Mus. Piano 1P1 .....	2	Mus. Piano 1P2 .....	2
Mus. Harmony (Elem.) 2T1 .....	4	Mus. Harmony (Elem.) 2T2 .....	4
Mus. Univ. Choir .....	0	Mus. Univ. Choir .....	0
English 223 .....	3	English 224 .....	3
Ed. Psychology 102 .....	3	Gen. Methods 201 .....	3
M. L. French 151 .....	3	M. L. French 152 .....	3
Physical Ed. 201 .....	1	Physical Ed. 202 .....	1
	<hr/>		<hr/>
	18		18

#### Junior Year

Mus. Harmony (Adv.) 3T1 .....	2	Mus. Counterpoint 3T2 .....	2
Mus. History 3H1 .....	3	Mus. History 3H2 .....	3
Mus. Voice 3V1 .....	2	Mus. Voice 3V2 .....	2
Mus. Methods 3E1 .....	3	Mus. Methods 3E2 .....	3
Mus. Conducting 3C1 .....	2	Mus. Univ. Choir .....	1½
Mus. Univ. Choir .....	0	M. L. French 252 .....	3
M. L. French 251 .....	3	Ed. Measurement 311 .....	3
Adol. Devel. Ed. 309 .....	3		
	<hr/>		<hr/>
	18		16½

#### Senior Year

Mus. Voice 4V1 .....	2	Mus. Voice 4V2 .....	2
Mus. Form & Analysis 301A .....	3	Mus. Orchestration & Conducting 302C .....	3
Mus. Univ. Choir .....	1½	Mus. Univ. Choir .....	1½
Mus. Vocal Methods 321V .....	2	App. Teaching Ed. 493 .....	4
Ed. Observation 492 .....	2	Mus. Senior Recital 400 .....	2
Ed. Philosophy 314 .....	3		
Mus. Electives .....	5		
	<hr/>		<hr/>
	17½		11½

\* The above course outline should be distributed with a minimum of hours 12-8 or 8-12 in voice and piano for certification.  
Note: Two years of piano for credit is strongly recommended.

**PIANO MAJOR**

*Freshman Year*

Mus. Sight Singing 1S1 .....	2	Mus. Sight Singing 1S2 .....	2
Mus. Piano 1P1 .....	2	Mus. Piano 1P2 .....	2
Univ. Choir or Band .....	1/2	Univ. Choir or Band .....	1/2
English 101 .....	3	English 102 .....	3
Mathematics 101 .....	3	Mathematics 106 .....	3
History 20 .....	3	Pol. Sci. 201 .....	3
Biol. or Chem. 101 .....	3	Biol. or Chem. 102 .....	3
Physical Ed. 101 .....	1	Physical Ed. 102 .....	1
	<hr/>		<hr/>
	17 1/2		17 1/2

*Sophomore Year*

Mus. Harmony (Elem.) 2T1.....	4	Mus. Harmony (Inter.) 2T2.....	4
Mus. Piano 2P1 .....	3	Mus. Piano 2P2 .....	3
Univ. Choir or Band .....	1/2	Univ. Choir or Band .....	1/2
English 223 .....	3	English 224 .....	3
Ed. Psychology 102 .....	3	Gen. Methods 201 .....	3
M. L. French 151 .....	3	M. L. French 152 .....	3
Physical Ed. 201 .....	1	Physical Ed. 202 .....	1
	<hr/>		<hr/>
	17 1/2		17 1/2

*Junior Year*

**Mus. Methods 3E1 .....	3	**Mus. Methods 3E2 .....	3
Mus. Harmony (Adv.) 3T1 .....	2	Mus. Counterpoint 3T2 .....	2
Mus. History 3H1 .....	3	Mus. History 3H2 .....	3
Mus. Piano 3P1 .....	3	Mus. Piano 3P2 .....	3
Univ. Choir or Band .....	1/2	Univ. Choir or Band .....	1/2
M. L. French 251 .....	3	M. L. French 252 .....	3
Ed. Adol. Dev. 309 .....	3	Ed. Measurement 311 .....	3
	<hr/>		<hr/>
	17 1/2		17 1/2

*Senior Year*

Mus. Piano 4P1 .....	3	Mus. Piano 4P2 .....	3
Mus. Form & Analysis 301A.....	2	Mus. Orch. & Conducting 302C.....	3
Mus. Conducting 3C1 .....	2	Univ. Choir or Band .....	1/2
Univ. Choir or Band .....	1/2	Senior Recital 400 .....	2
Ed. Observation 492 .....	2	Ed. App. Teaching 493 .....	4
Ed. Philosophy 314 .....	3		
Mus. Voice Methods 321V .....	2		
Electives .....	3		
	<hr/>		<hr/>
	17 1/2		12 1/2

\*\* For students of junior and senior rank.



**VOICE MAJOR***Freshman Year*

Mus. Applied 1V1 .....	2	Mus. Applied 1V2 .....	2
Mus. Sight Singing 1S1 .....	2	Mus. Sight singing 1S2 .....	2
English 101 .....	3	Univ. Choir or Band .....	1/2
Mathematics 101 .....	3	English 102 .....	3
History 202 .....	3	Mathematics .....	3
Biol. or Chem. 101 .....	3	Pol. Sci. 201 .....	3
Physical Ed. 101 .....	1	Biol. or Chem. 102 .....	3
Univ. Choir or Band .....	1/2	Physical Ed. 102 .....	1
	<hr/>		<hr/>
	17 1/2		17 1/2

*Sophomore Year*

Mus. Harmony (Elem.) 2T1 .....	4	Mus. Harmony (Inter.) 2T2 .....	4
Mus. Voice 2V1 .....	3	Mus. Voice 2V2 .....	3
*Mus. Piano 1P0 .....	0	*Mus. Piano 2P0 .....	0
Univ. Choir or Band .....	1/2	Univ. Choir or Band .....	1/2
English 223 .....	3	English 224 .....	3
Ed. Psychology 102 .....	3	Gen. Methods 201 .....	3
M. L. French 151 .....	3	M. L. French 152 .....	3
Physical Ed. 201 .....	1	Physical Ed. 202 .....	1
	<hr/>		<hr/>
	17 1/2		17 1/2

*Junior Year*

Music Harmony (Adv.) 3T1 .....	2	Mus. Counterpoint 3T2 .....	2
Mus. History 3H1 .....	3	Mus. Voice 3V2 .....	3
Mus. Piano 1P1 .....	2	Mus. History 3H2 .....	3
Mus. Voice 3V1 .....	3	Mus. Piano 1P2 .....	2
Univ. Choir or Band .....	0	Univ. Choir or Band .....	0
M. L. French 251 .....	3	M. L. French 252 .....	3
Ed. 309 (Adol. Dev.) .....	3	Ed. Measurement 311 .....	3
Electives .....	2	Electives .....	2
	<hr/>		<hr/>
	18		18

*Senior Year*

**Mus. Methods 3E1 .....	3	**Mus. Methods 3E2 .....	3
Mus. Voice 4V1 .....	3	Mus. Voice 4V2 .....	3
Mus. Form & Analysis 301A .....	2	Univ. Choir or Band .....	1/2
Mus. Conducting 3C1 .....	2	Mus. Senior Recital 400 .....	2
Univ. Choir or Band .....	1/2	App. Teaching 493 .....	4
Ed. Observation 492 .....	2		<hr/>
Ed. Philosophy 314 .....	3		12 1/2
Electives .....	2		<hr/>
	<hr/>		<hr/>
	17 1/2		

\* If a voice major has a fundamental background in piano he begins piano 1P1 credit 2 hours.

\*\* (Voice Methods 321V recommended).

\*\* For Music majors of juniors and senior rank.

## Department of Physical Education and Health

The curriculum of the department is so designed to meet the general requirements of the university and to prepare those who are specifically interested in and adapted to the field. Though this specific type of preparation students are qualified to work in the following areas: teacher of physical education and health, athletic coaches, playground and recreation directors.

### ESSENTIAL INFORMATION

1. All freshmen and sophomores are required to take P. E. 101-102 and 201-202. EXEMPTIONS:
  - A. Students with physical disabilities, certified by the college physician.
  - B. Married women.
  - C. Those students who have reached their twenty fifth birthday on or before September 1 of the present school year. If this age is reached during a semester the student must complete that semester's work.
2. All students are required to have appropriate activity uniforms. WOMEN: romper suit, socks, and gymnasium shoes. MEN: white one quarter sleeve athletic shirt, shorts, athletic supporter, socks, and gymnasium shoes. Major students should be prepared to supplement this list.
3. A major must complete a minimum of thirty five (35) hours of work not including the basic freshman and sophomore courses, i. e. 101, etc. The following courses are required: Health Education, 103, 104, 210, 211; Physical Education 212, 313, 314, 316, 411, 413 and Biol. 353. Men majors must select 330 and 331, 332, 424, 425, 415 or 416, and any two coaching theory courses. Women majors must select 334 and 335, 336, 418, 419 and 420, 421.
4. A minor consists of at least eighteen (18) hours including the following: Health Education 210, 211; Physical Education 313, 314, 316. Women must take 418 and men must select on courses in coaching theory. Four hours of activity may be selected.

### DESCRIPTION OF COURSES

#### Health Education

*H. Ed. 103—Personal Hygiene* *Credit 2 hours*

How all parts of the body should be cared for. Two periods a week.

*H. Ed. 104—Community Hygiene* *Credit 2 hours*

The problem of sanitation in and about the community. Two periods a week.

*H. Ed. 210—First Aid and Safety* *Credit 2 hours*

How to administer first aid treatment and how to prevent accidents. Two periods a week.

*H. Ed. 211—School Health Education* *Credit 2 hours*

A study of school health problems. Two periods a week.

*H. Ed. 310—Principles of Health Education* *Credit 2 hours*

Basic beliefs pertaining to the development of positive attitudes toward health. Two periods a week.

### Physical Education

*Phy. Ed. 101-102—Freshman Activities* *Credit 0 hours*

An activity course in games and sports according to season. Two periods a week.

*Phy. Ed. 301-302—Sophomores' Activities* *Credit 0 hours*

Advanced techniques in activities engaged in during freshman year. Two periods a week.

*Phy. Ed. 212—Introduction to Physical Education* *Credit 3 hours*

An orientation course covering the historical background and present concepts. Three periods a week.

*Phy. Ed. 313—Principles of Physical Education* *Credit 3 hours*

The various principles governing practices and procedures in physical education programs. Three periods a week.

*Phy. Ed. 314—Methods and Materials in Teaching* *Credit 3 hours*

Teaching devices and subject matter material used in teaching on the elementary and secondary levels. Three periods a week.

*Phy. Ed. 316—Organization and Administration of Physical Ed.*  
*Credit 2 hours*

How to establish and conduct the program; care of facilities and equipment, handling finances, organizing intra-mural programs. Two periods a week.

*Phy. Ed. 320—Coaching Theory and Practice (M)* *Credit 2 hours*

The methods, strategy, and tactics used in coaching a football team. Two periods a week.

*Phy. Ed. 321—Coaching Theory and Practice* *Credit 2 hours*

Fundamentals in individual and team play; various offensive and defensive styles of basketball. Two periods a week.

*Phy. Ed. 330-331—Seasonal Activities (M)* *Credit 4 hours*

Indoor and outdoor recreational games and sports. Four periods a week. (Two hours credit per semester)

*Phy. Ed. 332—Elementary Gymnastics* *Credit 2 hours*

Individual and group exercises on apparatus and mats. The development of body coordination and muscle efficiency. Four periods a week. (Two hours credit)

*Phy. Ed. 333—Officiating Women's Sports*

KNOWLEDGE and interpretation of rules governing athletic games engaged in by women. Two periods a week.

*Phy. Ed. 334-335—Seasonal Activities (W)* .....Credit 4 hours

Practice and techniques of sports in season. Four periods a week. (Two hours credit per semester)

*Phy. Ed. 336—Rhythms and Dances* .....Credit 2 hours

Folk and modern dances plus methods and the development of rhythm patterns. Three periods a week.

*Phy. Ed. 411—Recreational Leadership* .....Credit 2 hours

The organization and administration of recreational programs in schools and communities. Two periods a week.

*Phy. Ed. 412—Kinesiology* .....Credit 3 hours

A study of the various movements of the body as related to physical education activities. Three periods a week.

*Phy. Ed.—Sports Officiating (M)* .....Credit 2 hours

Rules and interpretations governing basketball, football, and baseball. Two periods a week.

*Phy. Ed. 416—Sports Officiating* .....Credit 2 hours

Rules and interpretations governing track and field, volleyball, tennis, and other recreational sports. Two periods a week.

*Phy. Ed. 417-418—Coaching and Officiating Wom's Sports* .....Credit 4 hours

Coaching procedures and rules in sports for women. Two periods a week. (Two hours credit per semester)

*Phy. Ed. 420—Coaching Theory and Practice* .....Credit 2 hours

Methods and practices used in coaching baseball. Two periods a week.

*Phy. Ed. 421—Coaching Theory and Practice* .....Credit 2 hours

Methods and practices used in coaching track and field. Two periods a week.

*Phy. Ed. 424-425—Senior Physical Practice (M-W)* .....Credit 4 hours

Individual and team activities, emphasis on recreational values. Four periods a week. (Two hours credit per semester)

*Phy. Ed. 426—Tap and Folk Dancing* .....Credit 1 hour

Fundamental steps and routines. Two periods a week.

## PHYSICAL SCIENCES

### Chemistry

A study of chemistry is essential to a better understanding of the processes of nature and the practices of agriculture, home economics, and industrial arts. The employment of the basic principles of chemistry helps to advance all fields, including the social sciences. Chemistry is a prerequisite for many other courses in science.

The purpose of the courses in chemistry are, therefore, (1) to provide a sound fundamental knowledge of chemistry for chemistry majors and minors, (2) to provide pre-professional training for the fields of medicine, dentistry, pharmacy and related courses, (3) to give the background necessary for successful science teaching in educational institutions, (4) to enable students to comprehend and use chemistry in the solution of problems in industrial arts, agriculture and home economics, (5) to provide a general chemical education for students not desiring a technical background.

Students majoring in chemistry are required to complete the following courses or their equivalent, 111, 112, 113, 211, 212, 311, 312, 411, 412, and 441. Chemistry majors are also required to complete 30 semester hours in two of the following: biology, physics, and mathematics.

Students minoring in chemistry must take 111, 112, 113, 211 and electives to complete 21 hours.

### DESCRIPTION OF COURSES

*Chemistry 101—Elementary General Chemistry* *Credit 3 hours*

For students enrolled in industrial arts and those desiring a general course. Two lecture and two hours in laboratory work per week.

*Chemistry 102—Continuation of Chemistry 101* *Credit 3 hours*

*Chemistry 111—General Chemistry* *Credit 3 hours*

For chemistry majors, minors, home economic and agriculture students, two hours lecture and four hours laboratory per week.

lecture and four hours laboratory per week.

*Chemistry 112—General Chemistry* *Credit 3 hours*

A continuation of Chemistry 111 with emphasis on the application of principles.

*Chemistry 113—Qualitative Analysis* *Credit 2 hours*

One lecture and four hours of laboratory per week.

*Chemistry 211—Quantitative Analysis* *Credit 3 hours*

One lecture and four hours of laboratory work per week. Prerequisite Chemistry 113.

*Chemistry 212—Continuation of Chemistry 211* *Credit 5 hours*

One lecture and eight hours of laboratory work per week.

*Chemistry 212A—Soils Analysis* *Credit 3-5 hours*

For agriculture students. One lecture and eight hours of laboratory work per week.

*Chemistry 311—Organic Chemistry* *Credit 5 hours*

For majors, minors, and pre-professional students. Three lectures and four hours of laboratory work per week.

*Chemistry 312—Continuation of Chemistry 311* *Credit 5 hours**Chemistry 311A—Organic Chemistry* *Credit 3 hours*

For home economic students. Two lectures and two hours of laboratory work per week.

*Chemistry 311B—Organic Chemistry* *Credit 5 hours*

For agriculture and other students who wish a comprehensive one semester course.

*Chemistry 312A—Food Chemistry* *Credit 3 hours*

Two lectures and six hours of laboratory work per week.

*Chemistry 411—Physical Chemistry* *Credit 4 hours*

Three lectures and four hours of laboratory work per week. Prerequisites; Chemistry 212, Physics 221, 222, Math. 305.

*Chemistry 412—Continuation of Chemistry 411* *Credit 4 hours**Chemistry 423—Physiological Chemistry* *Credit 3 hours*

Prerequisite; Chemistry 312.

*Chemistry 433—Biochemical Analysis* *Credit 3 hours*

One lecture and four hours of laboratory work per week. Prerequisites; Chemistry 211, 312.

*Chemistry 441—Introduction to Chemical Research* *Credit 1 hour*

This course is only for senior chemistry majors. The student writes a comprehensive paper and does a small research problem.

### Physics

*Phys. 221—Mechanics, Heat and Sound* *Credit 3 hours*

Lectures and laboratory on the general principles involved. Prerequisite Math. 106.

*Phys. 222—Electricity, Magnetism and Light* *Credit 3 hours*

Lectures and laboratory on the general principles involved. Prerequisite, Math. 106.

*Phys. 301—General Laboratory* *Credit 3 hours*

Experimental physics designed to give the student an experimental technique. Prerequisite, Physics 221, 222.

*Phys. 322—Household Physics* *Credit 3 hours*

For Home Economics students. Physics of the household.

**Science Survey**

*Biol. Sci. 101—Survey of the Biological Sciences* *Credit 3 hours*

A study of essentials of the biological sciences and their applications to present day living.

*Phys. Sci. 102—Survey of the Physical Sciences* *Credit 3 hours*

A study of essential laws of the physical sciences and their applications to present-day living.



RESIDENCE HALL FOR WOMEN





RESIDENCE HALL FOR WOMEN

## Department of Social Sciences

The Social Science Department includes the subject fields of History, Sociology, Political Science, Philosophy, Geography, and Economics. A major may be obtained in History or Sociology.

The courses and facilities of this department are designed: (1) to provide a background of knowledge in the social sciences; (2) to train students for teaching and research investigation in the social sciences; and (3) to assist students to acquire a "problem-conscious" attitude toward contemporary social problems, with the expectation that they will desire to participate in their solution.

### HISTORY

The major consists of 30 semester hours in History in addition to History 202, United States History, 1492-1865. Majors are required to take the basic courses in History of Civilization, numbered 101 and 102, and History 203, United States History, 1865-1950. Eighteen semester hours must be for history courses numbered 300 and above, with History 404, American Historiography and Bibliography a compulsory course. Majors in History must present at least 3 semester hours credit in each of the following fields: Economics, Philosophy, Political Science, and Sociology.

The minor consists of 18 semester hours in history in addition to History 202. At least 9 semester hours must be for history courses numbered 300 and above.

### DESCRIPTION OF COURSES

*History 101—History of Civilization* *Credit 3 hours*

A survey of the movements and institutions that have contributed most to our present-day civilization. This course, with 102, makes a general sweep of the period from prehistoric times to the present. Particular emphasis is placed on the political, social, economic, artistic, religious, and scientific development of man.

*History 102—History of Civilization* *Credit 3 hours*

A continuation of History 101.

*History 202—United States History, 1492-1865* *Credit 3 hours*

A study of the explorations and discoveries leading to the colonization of the United States, growth of industry, commerce, transportation, population, agriculture, labor and government from the simple agricultural society of the colonies to the beginning of a highly complex society. Special emphasis is given to the political, social, economic, and religious development of the United States before 1865.

*History 203—United States History, 1865 to present* *Credit 3 hours*

A study of the development of the United States during this period with emphasis on the political, social, economic, and religious development.

*History 207—Oklahoma History**Credit 2 hours*

A general course covering the history of Oklahoma from territorial days to the present. This course is planned to meet requirements in Oklahoma History for state teacher's certificates.

*History 300—Ancient History**Credit 3 hours*

A general treatment of the history of early mankind and the early civilizations of Babylonia, Egypt, and Persia; a survey of the early life and institutions of Greece and Rome; a study of the rise of the Roman Empire and the steps leading to its disintegration. Primarily for history majors and minors.

*History 301—History of Medieval Europe**Credit 3 hours*

A study of the disintegration of the Roman Empire, the barbarian invasions and establishment of new political communities. The growth of the church, feudalism, and the development of the national states near the end of the middle ages. Prerequisite—History 300 or consent of instructor.

*History 302—Modern European History**Credit 3 hours*

An introduction to the modern European History in its political, social, and cultural aspects from 1483 to 1815. Special attention will be given to the development of European nationalism, liberalism, and imperialism during the period designated.

*History 303—History of the Negro in the United States**Credit 3 hours*

A study of the status of the Negro through various stages of the history of the United States. Special emphasis is given to the influence of the Negro on life in the United States. The contributions of the Negro are emphasized, as well as the institutional relationships that have developed as a result of his presence in the United States.

*History 304—History of England**Credit 3 hours*

A general survey of the development of England in the modern period, beginning in 1483, with particular emphasis on the development of the political, cultural, and economic institutions of England.

*History 305—History of Latin America**Credit 3 hours*

A study of the political, economic, social, religious history of the American nations of Latin origin. An effort is made to show the relations of these nations to the United States and to the world politics.

*History 310—Contemporary Europe**Credit 3 hours*

Course deals with Europe from 1815 to the present. Attention will be given to the background of the first and second world wars as well as other major problems.

*\*History 400—History of Russia**Credit 3 hours*

A study of modern Russia beginning with 17th century. Stress will be placed on 19th and 20th century developments. (To be offered 1953-54 and alternate years thereafter)

*History 401—Economic History of the United States**Credit 3 hours*

This course will in a broad way cover the period from 1783 to the present but it is not presented as a survey. It will give rather intensive consideration to certain selected periods, movements, and developments in our economic history.

*History 402—Diplomatic History of the United States*      *Credit 3 hours*

A survey of United States foreign relations from the period of the Confederation to the present.

*History 403—History of the Far East*      *Credit 2 hours*

An advanced seminar dealing with selected topics relating to Far Eastern history.

*History 404—American Historiography and Bibliography*      *Credit 2 hours*

A seminar which is required of history majors and recommended for minors. It deals with the outstanding historians and their contributions, the outstanding theses and schools of thought in American History. In addition there is some emphasis on historical sources and bibliography.

### ECONOMICS

*Eco. 201—Principles of Economics*      *Credit 3 hours*

This course is designed to furnish a general introduction to the field of economics and to constitute a basic course in the fundamentals of economic science.

*Eco. 202—Consumer Economics*      *Credit 3 hours*

This course deals with economic principles and practices relating to the consumer. It emphasizes both theoretical and practical aspects of the subject.

*Eco. 301—Labor Problems*      *Credit 3 hours*

A study of the policies and methods of trade unionism and the movement toward industrial democracy.

### GEOGRAPHY

*Geo. 201—Physical Geography*      *Credit 3 hours*

A study of the earth, its relations and its physical features, together with their origin and influence.

*Geo. 301—Human Geography*      *Credit 3 hours*

How man has been influenced by its physical environment, and how he has modified that environment to serve his needs. Prerequisite: Geo. 201 or consent of instructor.

### PHILOSOPHY

*Phil. 300—Introduction to Philosophy*      *Credit 3 hours*

An elementary study of the types and sources of knowledge; of some leading theories of the nature of reality; and of related problems.

\* Consent of instructor is necessary to enroll in 400 courses.

including determinism, freedom, purpose, meaning, and truth. The chief aim of the course is to aid the students in arriving at some understanding of the problems that have always confronted mankind.

*Phil. 301—Logic*

*Credit 3 hours*

A practical course introducing the student to the laws of thinking. The forms and operations of valid reasoning, their grounds and their applications in numerous fields are stressed. Attention is given to the syllogism, fallacies, evidence, and statistical methods.

*Phil. 302—Ethics*

*Credit 3 hours*

A study of history of moral theories, and an analysis of the problems of moral conduct. Particular emphasis is given to the nature and criteria of our ideas of good and evil, right and wrong, and scales of value.

### POLITICAL SCIENCE

*Pol. Sci. 201—Introduction to American Government*

*Credit 3 hours*

This is an introductory survey and is required of all candidates for a degree in the Division of Arts and Sciences. It is a prerequisite for all other courses in government.

*Pol. Sci. 202—State Government*

*Credit 3 hours*

A study of the place and functions of the state in the United States with special attention to the organization and administration of the government of Oklahoma.

*Pol. Sci. 205—Political Parties in the United States*

*Credit 3 hours*

This course traces the beginning and development of the party system in the United States emphasizing the economic as well as the political implications of party operations.

*Pol. Sci. 307—The United States Constitution*

*Credit 3 hours*

An intensive study of the Constitution and leading Supreme Court decisions. Some attention to the political and economic implications of the cases studied. Credit for this course may be in either History or Government.

*Pol. Sci. 400—International Law and Relations*

*Credit 3 hours*

An advanced course open only to Social Science majors who have completed most of their major requirements.

*Pol. Sci. 410—Governments of Europe*

*Credit 2 hours*

A study of the structure, functions, and constitutional developments of the major European governments. Emphasis on England, France, Germany, and Russia. Conducted as a seminar and open only to departmental seniors except by consent of instructor.

### SOCIOLOGY

The requirements for a major are thirty semester hours of Sociology, of which at least eighteen must be in courses numbered 300 and above. In addition majors must present at least three hours credit in each of the following subjects: Economics, Political Science, History, and Psychology.

A minor in this field must present eighteen hours of Sociology, of which nine must be in courses numbered 300 and above. The minor should also present three hours credit in Political Science and three hours in Economics.

### DESCRIPTION OF COURSES

*Soc. 201—Introductory Sociology* *Credit 3 hours*

This is a course designed to give the student a working system of thought about society. Special emphasis is placed on the various forms of group living as well as their functional aspects.

*Soc. 202—Introduction to Social Psychology* *Credit 3 hours*

An analysis of the processes of social interaction, with special emphasis on the development of social attitudes and group psychology.

*Soc. 300—Current Social Problems* *Credit 3 hours*

A survey course of the major social problems confronting society. Major emphasis is placed on the development of a problem-solving-consciousness attitude on the part of the student.

*Soc. 301—The Family and Marriage* *Credit 3 hours*

A study of the family and marriage as social institutions. The purpose of the course is to provide information that will aid the student in understanding the problems of family life and marriage.

*Soc. 302—The Rural Community* *Credit 3 hours*

A study of social organization and processes involved in open country and village community life.

*Soc. 303—The Child and Society* *Credit 3 hours*

A study of the social development of youth. Emphasis is placed on the integration of youth into larger group life, and the problems encountered in the process of integration.

*Soc. 304—Principles of Criminology and Penology* *Credit 3 hours*

A study of crime as a social process. Programs for the social treatment of crimes, including changes in criminal procedure.

*Soc. 305—Introduction to the Field of Social Work* *Credit 3 hours*

A descriptive analysis of the various phases of the field of social work. This course is limited to an analysis of the techniques used by social workers in the attempt to improve individual and group life.

*Soc. 306—Race relations in the United States* *Credit 3 hours*

A study of the racial, nationality, and cultural groups in the United States with special emphasis on the patterns of relations that exist and the problems that group contacts create.

*Soc. 400—Social Anthropology* *Credit 3 hours*

A study of the contributions of primitive peoples to present-day social organization. A comparative study is made of the social-organization and behavior of various primitive cultures.

*Soc. 402—Principles of Social Planning**Credit 3 hours*

A study of the movement for social planning. The various techniques and programs advanced will be evaluated in a critical manner.

*Soc. 403—Migration and Population Problems**Credit 3 hours*

A study of the population movements within the United States; emphasis is placed on the causes of these movements and of the social problems resulting from them.

*Soc. 404—Research In the Social Sciences**Credit 2 hours*

An introduction to and an analysis of the methods used in the Social Sciences. No credit for courses will be granted until the student has satisfactorily completed a selected research project. A senior course that is required of all Sociology majors and recommended for minors.

*Soc. 405—The development of Social Theory**Credit 3 hours*

A survey of the development of social thought, with special emphasis on the evaluation of the social theories of the outstanding contemporary thinkers.

## DIVISION OF EDUCATION

### Divisional Objectives

The Division of Education offers professional courses for the preparation of improvement of elementary and secondary school teachers. Specifically, it seeks to guide prospective and in-service teachers in the selection of non-specialized courses in the major fields of knowledge; and to provide experiences leading to the development of competencies necessary for successful participation in community living and in understanding, teaching and guiding children.

### Curriculum Offerings

Two degree programs are administered by the Division of Education. A curriculum leading to the degree of Bachelor of Science in Elementary Education is offered for students who wish to prepare for teaching in the elementary grades. The Bachelor of Science in Secondary Education is offered those students preparing to teach in the secondary school. Prospective teachers who wish to pursue either of these programs register with the Division of Education.

Students pursuing the Bachelor of Arts or Bachelor of Science in the Division of Arts and Sciences and who plan to qualify for a teaching certificate are required to make their intentions known not later than the second semester of their sophomore year. In such cases the students retain their original advisors, but a cooperative arrangement will be worked out between the major adviser and the Division of Education.

### Laboratory Schools

The Division of Education operates a campus laboratory school, embracing grades one through eight. This school serves as a laboratory wherein theories of teaching, administration and supervision are translated into actual practice. The Director of the Division of Education, and teachers of the laboratory school share the responsibility for coordinating the activities of this school in such a way as to promote the optional development of the pupils enrolled and the prospective teachers as well. Although the campus school is primarily a demonstration center, limited opportunities are provided students to do apprentice teaching.

In addition to opportunities offered by the campus laboratory school, the Division of Education utilizes the facilities of off-campus schools for students planning to teach in secondary schools.

### Requirements for Apprentice Teaching in Secondary Schools

Pre-service teachers who desire to register for secondary apprentice teaching should take, in addition to basic courses in professional education, the following advanced courses before or concurrently with apprentice teaching: Education 311—*Educational Measurement and Evaluation*, Education 309—*Adolescent Development* and Education 314—*Philosophy of Education*. Moreover, the student must offer at least three semester hours of credit in methods and materials in his field of major concentration.

In addition, to be permitted to do apprentice teaching at either the elementary or secondary level, prospective teachers must have accumulated at least ninety semester hours of work with an average to that required for graduation from the University.



### Placement Bureau

Since 1947 a Placement Bureau has operated to provide guidance to prospective teachers with respect to supply and demand and to inform prospective employers regarding the availability of graduates and former students for teaching positions. Students who are interested in securing teaching positions are urged to register with the placement bureau which is located in Room 200, Administration Building.

### DESCRIPTION OF COURSES

#### General and Basic

*Ed. 101—The American Educational System* *Credit 3 hours*

A general survey course in education designed to provide an overview of the antecedents, development and present status of the American Educational system.

*Ed. 201—Methods, Management and School Law* *Credit 3 hours*

A consideration of general class procedures, organization and management of classroom; motivation, individualization of instruction, discipline, objectives, the nature of the school child; school laws affecting the operation of the educational program. Required of all students who wish to qualify for teacher's certificates. Prerequisites, Ed. 101 or Psy. 101.

*Ed. 310—Educational Sociology* *Credit 2 hours*

A study of social life with emphasis upon its application to education.

*Ed. 311—Educational Measurements and Evaluation* *Credit 3 hours*

A course dealing with techniques involved in the improvement of teacher-made tests and examinations; principles underlying the construction, use, improvement and interpretation of various kinds of evaluation instruments. A small fee of each student registering for this course is required. Prerequisite, Ed. 101 and Ed. 201.

*Ed. 314—Philosophy of Education* *Credit 3 hours*

The course examines major schools of philosophical thought and their implications for educational theory and practice. Prerequisite 8 hours of education.

*Ed. 410—School Records and Reports* *Credit 2 hours*

A study of the use and interpretation of recorded data; pupil accounting system; use of Oklahoma Teacher's Register. Must be taken before or concurrently with apprentice teaching.

*Ed. 411—Principles and Techniques of Curriculum*

#### *Development*

*Credit 4 hours*

An examination of procedures employed in curriculum revision with particular reference to the Oklahoma Cooperative Program For Improvement of Instruction. Prerequisite, 10 hours in education with approval of the instructor.

*Ed. 424—History of Education*

*Credit 3 hours*

An examination of the historical developments of education, emphasizing the historical relationships that have existed between educational theory and practice. Prerequisite, 10 hours of education.

### Elementary Education

*Ed. 302—Specific Methods of Teaching Elementary*

*Subjects*

*Credit 3 hours*

Methods of teaching subjects in the elementary schools emphasizing recent trends in teaching. Critical examination of literature bearing upon teaching reading, language and arithmetic. Prerequisite, Ed. 101, Psy. 101.

*Sc. 303—Nature Study and Science in El. Ed.*

*Credit 2 hours*

This course is designed to present the role and function of science in society. Emphasis will be placed upon the teaching of elementary science and conservation of natural resources. Required for all students preparing to teach in elementary schools.

*Ed. 328—Children's Literature*

*Credit 2 hours*

A study of literature suitable for the elementary grades, including story telling, folk and nursery rhymes, myths, and nature and fairy stories. Required for all students pursuing a degree in elementary education.

*Ed. 405-06—Apprentice Teaching in Elementary Schools* *Credit 2-4 hours*

Directed observation and student teaching in the elementary school.

A small fee covering cost of materials used is required for each registrant. Required of students qualifying for elementary teacher's certificates. Prerequisites, Ed. 102, 201, 302, 308.

*Ed. 422—Problems of the Rural School*

*Credit 2 hours*

A course designed for the teacher in rural areas with emphasis upon problems and trends in rural life and education.

### Psychology

*Psy. 101—General Psychology*

*Credit 3 hours*

A basic course dealing with the origin and development of human behavior. Consideration will be given to the several schools of psychological thought.

*Psy. 301—Mental Hygiene*

*Credit 3 hours*

An examination of factors leading to the development of a well-integrated socially desirable personality. Prerequisite, junior standing.

*Psy. 307—Educational Psychology*

*Credit 3 hours*

A study of recent tendencies in psychological thought in relation to education. Topics to be considered include heredity and environment, individual differences, principles of learning and intelligence. Prerequisite, junior standing.

*Psy. 308—The Growth and Development of School*

*Children**Credit 3 hours*

A study of the mental, physical, social, emotional development of school children with implications of the elementary curriculum. Prerequisite, six hours in education.

*Psy. 309—Adolescent Behavior and Development* *Credit 3 hours*

A study of the educational implications of the growth and development and adolescents for secondary education. Prerequisite, six hours in education.

*Psy. 318—Psychology of Exceptional Children* *Children 3 hours*

An examination of the characteristics of children who deviate from the normal; a study of their interests and needs. With special emphasis on preventive, diagnostic and remedial methods. Prerequisite, junior standing.

**Secondary Education and Administration***Ed. 305—Teaching Social Science in High School* *Credit 3 hours*

A study of the problems involved in teaching social sciences in the secondary school, including a consideration of aims, procedures, teaching aids, and literature in the field. Required for students preparing for social science certificates. Prerequisite, junior standing.

*Ed. 306—Teaching Science and Mathematics in**Secondary Schools**Credit 3 hours*

Principles and procedures involved in teaching science and mathematics in high school. Required for all students preparing to teach science or mathematics in high school. Open to juniors and seniors.

*Ed. 319—Methods of Teaching English in High School* *Credit 3 hours*

Deals with the study of language development of adolescents; problems, methods and aids in teaching high school English. Required of all students preparing to teach English in the secondary school. Open to juniors and seniors.

*Ed. 322—Reading Problems in the Junior and Senior**High School**Credit 3 hours*

An examination of reading problems in high school; study of literature bearing on reading problems. Prerequisite, junior standing.

*Ed. 423—School Administration and Supervision* *Credit 3 hours*

In this course principles of school administration and supervision of the various levels will be studied. Not open to Freshmen and Sophomores.

*Ed. 450—Principles of Secondary Education* *Credit 2 hours*

This is an orientation course in the basic philosophy of the secondary school; a brief history of secondary education and a detailed discussion of issues, principles and practices associated with the American Secondary School. Prerequisite, 10 hours in education.

*Ed. 490—Methods of Teaching Commercial Subjects* *Credit 3 hours*

Theory of teaching typewriting, shorthand and other commercial subjects in high school.

*Ed. 492—Apprentice Teaching in Secondary Schools* *Credit 2 hours*

An analysis of the teaching process through observation of the high school classes. Prerequisites, Ed. 309, 311 and 314.

*Ed. 493—Apprentice Teaching in Secondary Schools* *Credit 4 hours*

In this course students will do actual teaching in one of the several schools. Prerequisite, Ed. 492.

**SUGGESTED CURRICULUM**

**B. S. in Elementary Education**

*Freshman Year*

*First Semester*

Eng. 101—English Composition	3
Math. 101—College Algebra	3
Hist. 202—American History	3
Biol. Sci. 101—Survey of the Biological Sciences	3
Music 1A1—Music Appreciation	2
Phy. Ed. 101—Freshman Activities	1
	<hr/>
	15

*Second Semester*

Eng. 102—English Composition	3
Math. 106—Plane Trigonometry	3
Pol. Sci. 201—Introduction to Am. Government	3
Phy. Sci. 102—Survey of Physical Sciences	3
Art 101A—Art Appreciation	2
Phy. Ed. 102—Freshman Activi- ties	1
	<hr/>
	15

*Sophomore Year*

Eng. 204—Adv. Composition	3
Psy. 101—General Psychology	3
Math. 102—Teacher's Arithmetic	2
Soc. 201—Introductory Sociology	3
Ed. 101—Am. Education System	3
L.S. 212—Intro. to Use of Books and Library	2
Phy. Ed. 201—Sophomore Activi- ties	1
	<hr/>
	17

Eng. 305—World Literature	3
*History 207—Oklahoma History	2
Ed. 201—General Methods	3
Soc. 202—Intro. to Soc. Psychology	3
Phy. Ed. 210—Community Hygiene	2
Phy. Ed. 202—Sophomore Activi- ties	1
Electives	2
	<hr/>
	16

*Junior Year*

Geog. 301—Human Geography	3
Psy. 307—Ed. Psychology	3
Ed. 314—Philosophy of Ed.	3
Music 1S1—Sight-singing	2
Eng. 303—Speech and Interpreta- tion	3
Phy. Ed. 211—Health Education	2
	<hr/>
	16

Ed. 328—Children's Literature	2
Ed. 302—Specific Methods	3
Art. 312—Elementary Art	3
Music 1S2—Sight-singing	2
Psy. 308—Growth and Develop- ment	3
Ed. 303—Nature Study and Science	2
Electives	2
	<hr/>
	17

*Senior Year*

*First Semester*

Soc. 303—Negro History	3
Art. 411—El. Handcrafts	3
Ed. 405—Apprentice Teaching	2
Ed. 311—Measurement and Evaluation	3
Electives	5
	<hr/>
	16

*Second Semester*

Ind. Arts 304—Household Mechanics	2
Eng. 306—Negro Literature	3
L. S. 313—School Library Admin- istration and Practice	3
Ed. 406—Apprentice Teaching	4
Electives	4
	<hr/>
	16

\* The requirement in Oklahoma History may be met by submitting evidence of credit in a one-semester high school course or by state examination.

## SUGGESTED CURRICULUM

## B. S. in Secondary Education

*Freshman Year*

<i>First Semester</i>		<i>Second Semester</i>	
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 101—College Algebra	3	Math. 106—Trigonometry	3
Hist. 202—American History	3	Pol. Sci. 201—Intro. to Am. Gov't.	3
Biol. Sci. 101—Survey of the Biol. Sciences	3	Phy. Sci. 102—Survey to Phy. Sciences	3
Music 1A1—Music Appreciation	2	Art 101A—Art Appreciation	2
Phy. Ed. 101—Freshman Activities	1	Phy. Ed. 102—Freshman Activities	1
	15		15

*Sophomore Year*

Eng. 223—English Literature	3	Eng. 224—English Literature	3
Psy. 101—General Psychology	3	**Hist. 207—Oklahoma History	2
*M. L. 151—Elementary French	3	Ed. 201—General Methods	3
Ed. 101—Am. Education System	3	Soc. 202—Intro. to Soc. Psy.	3
Soc. 201—Intro. Sociology	3	M. L. 152—Elementary French	3
Phy. Ed. 201—Sophomore Activities	1	Phy. Ed. 202—Sophomore Activities	1
	16		15

*Junior Year*

Psy. 307—Ed. Psychology	3	Psy. 309—Adolescent Development	3
Ed. 314—Philosophy of Education	3	Ed. 311—Ed. Measurement and Evaluation	3
Eng. 303—Speech and Interpretation	3	Methods in Teaching Field	3
Ed. 310—Ed. Sociology	3	Electives and Teaching Field	7
***Electives and Teaching Field	4		16
	16		

*Senior Year*

<i>First Semester</i>		<i>Second Semester</i>	
Ed. 450—Principles of Secondary Education	2	Ed. 493—Apprentice Teaching	4
Eng. 306—The Negro in Am. Literature	3	Electives and Teaching Field	11
Ed. 492—Apprentice Teaching	2		15
Electives	9		
	16		

\* Spanish 131-132 may be offered to satisfy the language requirement.  
 \*\* The requirement in Oklahoma History may be met by submitting evidence of credit in a one-semester high school course or by state examination.  
 \*\*\* The student will be required to accumulate the number of hours in his teaching field required for certification by the State Department of Education.

## Division of Home Economics

### Divisional Objectives

The curriculum in Home Economics is planned for students who wish:

1. To prepare for teaching home economics.
2. To gain general knowledge of home economics for personal enrichment.
3. To gain background training required for various professional fields.
4. To gain experience in homemaking and democratic living.

### Requirements for Graduation

The Bachelor of Science Degree in Home Economics requires 124 semester hours; this includes four hours of physical education.

The prescribed program, is planned to meet the state requirements for a teacher's standard general and standard vocational secondary certificate in Oklahoma.

The requirements for a degree in home economics are:

#### Basic (General Education)

1. English—twelve hours
2. Science—nine hours
3. Mathematics—Six hours
- \*4. Social Science—nine or eleven hours
5. Practical Arts—ten hours
6. Physical Education—four hours

#### Professional

1. Education—twenty one hours
2. Major field—forty eight hours

### DESCRIPTION OF COURSES

#### Clothing and Textiles

*H. E. 101—Art, Color and Design*

*Credit 3 hours*

A basic course arranged to develop an appreciation of art as applied to the home. It aims to develop ability, imagination, and good judgment in handling problems in line, form and color.

*H. E. 203—Clothing & Textiles*

*Credit 3 hours*

A study of factors essential to intelligent selection of textile materials, identification of fibers and fabrics. Emphasis is placed on selection, planning, construction, care and renovation of clothing.

\* Students who do not have high school credit for Oklahoma History must take History 207.

*H. E. 204—Clothing Construction* *Credit 3 hours*

Training in development, understanding and skills in basic dress-making. Fundamental processes of clothing construction are applied in simple clothing problems. Emphasis is placed on selection, economy, care and renovation to meet the needs of the individual and the family.

*H. E. 302—Children's Clothing* *Credit 2 hours*

Selection and construction of clothing for children from the standpoint of health, beauty and cost. Prerequisites H. E. 101, H. E. 204.

*H. E. 304—Costume Design* *Credit 2 hours*

Garments for various types of individuals are studied and designed. Psychological factors influencing selection and accessories are included. Laboratory practice is given to the study of design problems as applied to age, coloring, figure and expression of individuality. Prerequisites H. E. 101, H. E. 204.

*H. E. 333—Applied Design* *Credit 2 hours*

Development and appreciation of art in textiles and textile crafts. Designs suitable for textile decoration are analyzed, developed and applied. Prerequisite H. E. 101, Art. 101.

*H. E. 400—Advanced Dressmaking* *Credit 3 hours*

A study of basic principles and techniques on which any student, designer, dressmaker, fitter or homemaker can rely to solve clothing problems and develop attractive wearable garments according to modern improved methods. Practice in developing original designs, draping, construction of dressmaker suits and garments for formal wear. Prerequisites H. E. 204, H. E. 304.

*H. E. 405—Clothing Problems* *Credit 3 hours*

This course is designed to help students solve special and individual problems in clothing. Emphasis is placed on problems that are apparently intricate. Prerequisites H. E. 203, H. E. 204.

*H. E. 410—Crafts* *Credit 2 hours*

Impartation of information that is essential to stimulate students to become serious craft producers, to enrich increased standards of life for individuals who undertake the work for a profession, a business or a hobby, offering an opportunity to express creative impulses which contribute to the great revival of crafts.

*H. E. 460—Textiles* *Credit 3 hours*

For students who desire further study in textiles. Laboratory procedures include a study of fiber characteristics; yarn construction, weave formation and textile testing. Prerequisite H. E. 203.

### Foods and Nutrition

*H. E. 231-232* *Credit 3 hours*

Application of scientific principles to food preparation and fundamentals of food selection. Prerequisites Chem. 101 and 102.

*H. E. 331—Nutrition**Credit 3 hours*

The fundamental principles of human nutrition and their application in the promotion and maintenance of optimal health of the family. Prerequisites H. E. 232, Chem. 311.

*H. E. 431—Quantity Cookery**Credit 3 hours*

The preparation and serving of foods in large quantities. Problems involved in planning and marketing of food for quantity cooking. Prerequisites H. E. 232, Chem. 311.

*H. E. 441—Diet of Disease**Credit 2 hours*

Physiological basis for the use of special diets. The science of feeding certain individuals or groups of individuals in the treatment of disease. Prerequisite H. E. 331.

**Home Life***H. E. 300—Manners for Moderns**Credit 2 hours*

A course designed to study the needs of human problems raised by the social demands of today's living; special parties, weddings, getting established in the community, common social courtesies.

*H. E. 352—Household Equipment**Credit 2 hours*

Emphasis is placed upon the selection, methods of operations, use of equipment in order to prolong its efficiency.

*H. E. 353—Health of the Family**Credit 2 hours*

Personal health; first aid; home care of the sick.

*H. E. 354—Home Planning and Furnishing**Credit 3 hours*

The planning and selection of the house and the arrangement of its furnishings are studied from the standpoint of function, efficiency, cost and design. Rendering of plans, elevation, details, and color schemes are based on appropriate patterns in planning ensembles for the whole livable house. Prerequisites H. E. 101, H. E. 203.

*H. E. 363—Household Economics and Management**Credit 2 hours*

Problems that the family faces in securing and spending and safeguarding the money income. The wise use of time and energy, consideration of human values and problems of managing the home.

*H. E. 383—Child Care**Credit 3 hours*

Growth, development and care of the young child with special emphasis on habit training. Observation and participation in the nursery school.

*H. E. 481—Family Relationships**Credit 2 hours*

An over-all picture of relationships within the family with special emphasis on the beginning family and the contracting family. Open to all students—Prerequisite Soc. 201.

*H. E. 482—Home Management**Credit 3 hours*



Residence in the home management house with participation in such phases of homemaking as food preparation and serving, finance management, buymanship, housekeeping, hospitality and group relationships. Prerequisite H. E. 363.

*H. E. 483—Nursery School Procedure* *Credit 2 hours*

Essential procedures in nursery school organization, including housing, equipment, food service, health and protection. Participation in the nursery school. Prerequisites H. E. 383, Ed. 307 and Ed. 309 or consent of instructor.

### Home Economics Education

*H. E. 100—Introduction to Home Economics* *Credit 2 hours*

A survey of areas of specialization, basic principles and philosophy of home economics.

*H. E. 472—Methods in Teaching Home Economics* *Credit 3 hours*

This course focuses emphasis on four large problems; a philosophy of home economics consistent with democratic living; determining the place of home economics in the secondary school program; technique of teaching which contribute to growth in democratic living; and evaluating changes in behavior. Prerequisites Ed. 307, Ed. 309, Ed. 314 and Advanced Jr. College Standing.

*H. E. 474—Observation and Student Teaching* *Credit 6 hours*

A study of the home and the community through home visiting and participating in community activities. Observation of and teaching experiences in homemaking (general and vocational) programs. Prerequisite H. E. 472.

*H. E. 480—Problems in Teaching Homemaking* *Credit 2 hours*

A workshop for experienced teachers. Problem and project methods, pupil participation, discussion, techniques, group experiences and evaluation in homemaking. Offered in summer session only. Prerequisites H. E. 472 and H. E. 474 or Teaching Experience.

*H. E. 490—Adult Education in Homemaking* *Credit 2 hours*

Philosophy of adult education; an analysis and study of the problems affecting community and family living, methods and techniques used in working with adults. Observation and participation in organizing and planning for adult groups. Prerequisite H. E. 472.

### FOUR YEAR CURRICULUM IN HOME ECONOMICS

#### *Freshman Year*

#### *First Semester*

	hrs.
Eng. 101—English Comp. ....	3
Math. 101—Algebra .....	3
Hist. 202—American History .....	3
Chem. 111—General Chemistry.....	3
Art 101—Principles of Art .....	2
P. E. 101—Physical Education.....	1
—————	15

#### *Second Semester*

	hrs.
Eng. 102—English Composition .....	3
Math. 106—Trigonometry .....	3
P. S. 201—American Government .....	3
Chem. 112—General Chemistry.....	3
H. E. 100—Introduction to Home Economics .....	2
H. E. 101—Art, Color and Design.....	2
P. E. 102—Physical Education.....	1

*Sophomore Year*

<i>First Semester</i>		<i>Second Semester</i>	
	hrs.		hrs.
H. E. 203—Textiles & Clothing	3	Eng. 212—Public Speaking	3
Eng. 204—Advanced Composition	3	H. E. 232—Advanced Foods	3
Chem. 311-A—Organic Chemistry	3	H. E. 204—Clothing Construction	3
Ed. 307—Educational Psychology	3	Ed. 201—General Methods	3
H. E. 231—Foods	3	Soc. 201—Introduction to Sociology	3
P. E. 201—Physical Education	1	P. E. 202—Physical Education	1
	<hr/> 16		<hr/> 16

*Junior Year*

<i>First Semester</i>		<i>Second Semester</i>	
	hrs.		hrs.
H. E. 352—Household Equipment	2	H. E. 331—Nutrition	3
H. E. 383—Child Care	3	Ed. 314—Philosophy of Education	3
Ed. 309—Adolescent Psychology	3	H. E. 354—Home Planning Furnishing	3
Biol. 356—Bacteriology	3	H. E. 333—Applied Design	2
H. E. 304—Costume Design	2	Electives (Home Economics)	3
H. E. 363—Household Economics and Management	2	H. E. 353—Health of the Family	2
	<hr/> 15		<hr/> 16

*Senior Year*

<i>First Semester</i>		<i>Second Semester</i>	
	hrs.		hrs.
H. E. 472—Home Economics Methods	3	H. E. 483—Nursery School Procedure	2
H. E. 400—Advanced Dress-making	3	H. E. 474—Observation and Student Teaching	6
H. E. 481—Family Relations	2	H. E. 482—Home Management	3
Electives (Free)	8	Electives (Home Economics)	2
	<hr/> 16		<hr/> 13

Total Required for B.S. Degree in Home Economics—124 hours

Other courses may be elected to better prepare the students for more advanced work in home economics.

Suggested desirable electives are:

	Credit Hours
Art 102—Principles of Art	2
Eco. 201—Principles of Economics	3
P. E. 211—Health Education	2
H. E. 302—Children's Clothing	2
Ed. 311—Educational Measurements and Evaluation	2
Ed. 410—School Records and Reports	2
H. E. 431—Quantity Cookery	3
H. E. 490—Adult Education in Home Economics	2

## Division of Mechanic Arts

### Objectives

The Division of Mechanic Arts has a three-fold purpose to perform:

1. To satisfy the needs of the prospective teacher of Industrial Arts.
2. To satisfy the needs of the individual who desires information or trades experience in a particular field.

### Organization

To achieve these objectives, the Division of Mechanic Arts has organized its work into several curricula:

*Curriculum 1.* To offer adequate education and training for teachers of and skilled workers in Industrial Arts and Vocational Education in Electricity, Plumbing, Tailoring, Shoemaking, Steam Power Plant operation. Curriculum (1) carries full college credit and a degree will be granted upon the successful completion of the required courses of study, where a four year curriculum is outlined.

It must be expressly understood that the student following curriculum (2) will not endeavor to satisfy the requirements of the State Board of Education in regards to requirements in education and therefore, will not receive the license to teach in the state of Oklahoma until such requirements have been met.

This is not a degree granting course; however the Institution will issue a certificate to the student who completes this course of study.

### DESCRIPTION OF COURSES

#### Auto Mechanics

- |   |                       |
|---|-----------------------|
| <i>Shop 111—Automobile construction and design</i>  | <i>Credit 2 hours</i> |
| Principles of construction and operation of automobiles.  |                       |
| <i>Shop 112—Fuel and Lubrication Systems</i>  | <i>Credit 2 hours</i> |
| Maintenance servicing and repair of fuel pumps, carburetors, gasoline gauges, of engine oiling systems and chassis lubrication. |                       |
| <i>Shop 211—Front End Design, Transmission, Differentials and Brakes</i>  | <i>Credit 2 hours</i> |
| Construction, adjustment and repairs  |                       |
| <i>Shop 212—Automobile Engines</i>  | <i>Credit 2 hours</i> |
| Design, maintenance and repair.   |                       |
| <i>Shop 311—Automotive Electrical Systems</i>   | <i>Credit 2 hours</i> |
| Ignition, lighting systems and batteries; trouble shooting in the automotive electrical system.                                 |                       |
| <i>Shop 312—Generators, Starters and Lathe Operation</i>  | <i>Credit 2 hours</i> |

Construction, operation and repair of generators and starters with use of lathe in making repairs.

*Shop 411—Body and Fender Work* *Credit 2 hours*

Procedure in body and fender repair, including welding and painting with spray guns.

*Shop 412—Shop Management and Foremanship* *Credit 2 hours*

Principles and practices of shop management and operation

*Shop 413—Electricity and Acetylene Welding* *Credit 2 hours*

Principles and practices of acetylene and electric welding.

Elective.

*Shop 414—Machine Shop Practice* *Credit 2 hours*

Use and operation of lathes, grinders, milling machines, etc.

#### Drawing

*Ind. 171—Elementary Mechanical Drawing* *Credit 2 hours*

In this course is given instruction in the use of drawing instruments and a study of orthographic projection and development.

*Ind. 172—Mechanical Drawing* *Credit 2 hours*

Prerequisite, 171, this course involves the making and reading of drawing, including the development and application of curves.

*Ind. 271—Working Drawing* *Credit 2 hours*

Theory and practice in the design of projects used in the manual training courses.

*Ind. 272—Descriptive Geometry* *Credit 2 hours*

Theory of orthographic projection and its application in solving engineering problems by the projection or revolution of points, lines, plans, and solids. Lab. 4 hours.

*Ind. 273—Lettering (Elective)* *Credit 2 hours*

The study of lettering. Design of posters and signs. Historic forms and principles of composition.

*Ind. 371—Machine Drawing* *Credit 2 hours*

Elementary principles of the design of machine parts and of complete machines.

*Ind. 372—Industrial Arts Design* *Credit 2 hours*

Theory and design of practical projects used in shop courses. Emphasis on beauty, utility and strength.

*Ind. 471—Elements of Architecture* *Credit 2 hours*

Problems to acquaint the student with the architect's actual practical lettering, graphics, shades and shadows. Lecture one (1) hour, lab. five (5) hours.

*Ind. 172—Elementary Architectural Drawing* *Credit 2 hours*

Problems involving plan, section, elevation, and perspective; graphic analysis sketches. Lecture one (1) hour, Lab. five (5) hours.

### Applied Electricity

*Shop 191—Wiring* *Credit 2 hours*

Theory and practice in wiring simple fixtures, measuring and bending conduit.

### Metal Shop

*Ind. 114—Metal Work* *Credit 2 hours*

Required of Sophomore Industrial Arts Education students; sheet metal work, soldering, layout, forming of various metals.

*Shop 115—Metal Work* *Credit 2 hours*

Aircraft, sheet metal work, prerequisite 114, and Ind. 172. Drilling, riveting, blueprint and layout work (Elective)

*Shop 116—Metal Work* *Credit 2 hours*

(Elective) Continuation of 115.

### Photography

*Ind. 381—* *Credit 2 hours*

Theory and practice of photography with views and hand cameras; development of plates and printing.

*Ind. 382—(Continued)*

Enlargements, reductions and reproductions of photography, scenes, Maps, etc.

### Shoemaking

*Shop 161—Elementary Shoe Repairing*

This course is for the purpose of teaching the student the care and use of shoemaking tools, equipment, materials, types of shoe construction, and how they are repaired.

*Shop 162—Elementary Shoe Repairing* *Credit 2 hours*

Building heels of all styles and types and half soling welt shoes.

*Shop 261—Advanced Shoe Repairing* *Credit 2 hours*

Selecting and judging the qualities of sole and upper leathers. Half soling and heeling ladies McKay and Welt shoes.

*Shop 262—Advanced Repairing* *Credit 2 hours*

*Shop 361—Elementary Shoemaking* *Credit 2 hours*

Putting on men and ladies whole soles, color dyeing, and introduction to making of new shoes.

*Shop 362—Elementary Shoemaking* *Credit 2 hours*

Fitting inner soles, counters, boxes, toe caps, welts, sewing and finishing soles and heels.

*Shop 363—(Elective)* *Credit 2 hours*

Study and practice in leather crafts.

*Shop 461—Productive Basis* *Credit 2 hours*

Work in shop of a productive nature. Repairs and other jobs.

*Shop 462—Advanced Shoemaking* *Credit 2 hours*

Drafting, upper making, shoe management and business methods in conducting a shop.

*Shop 463—Measurement (Elective)* *Credit 2 hours*

Making lasts to fit the foot and lasting hand made shoes.

### **Tailoring—General Ind. Arts**

*Shop 100*

*Shop 131—Elementary Tailoring* *Credit 2 hours*

Study in the use of simple tools with elementary practice work.

*Shop 132—Rebuilding* *Credit 2 hours*

Making general alterations and making over suits.

*Shop 231—Beginner's Drafting* *Credit 2 hours*

The drafting and making of uniform trousers.

*Shop 232—Beginner's Drafting* *Credit 2 hours*

Continuation of course 231.

*Shop 331—Drafting* *Credit 2 hours*

The drafting and making of citizens' trousers.

*Shop 332—Drafting* *Credit 2 hours*

Drafting of coats and making of coats.

*Shop 333—Upholstering* *Credit 2 hours*

A study of upholstering materials, tools and completion of upholstering projects (Elective)

*Shop 431—Cleaning and Pressing* *Credit 2 hours*

Shop work of a productive nature, including care and operation of cleaning equipment, suits, coats, and other clothing. (Not offered due to lack of equipment)

*Shop 432—Management* *Credit 2 hours*

Continuation of 431—with actual practice in conducting a shop.

### **Manual Training**

*Ind. 101—Bench Work* *Credit 2 hours*

Required of all Industrial Education students. Elementary hand woodworking. Up to and including the dado joint.

*Ind. 102—Bench Work* *Credit 2 hours*

In this course is given the design and use of the mortise and tenon joint; application being made on small pieces of furniture.

*Ind. 103—Wood Turning* *Credit 2 hours*

Required of all Industrial Education students. A beginning course in wood turning.

*Ind. 201—Cabinet Making* *Credit 2 hours*

Required of all Industrial students. A beginning course in machine wood-working, including production work and individual projects. Prerequisite, 102 or its equivalent.

*Ind. 202—Cabinet Making* *Credit 2 hours*

A continuation of 201, in which each student must build one or more creditable pieces of furniture.

*Ind. 203—Care of Equipment* *Credit 1 hour*

Must be taken with 202. The student is taught to file saws of all sorts, band saw brazing and the care of the machine equipment with general shop safety.

*Ind. 204—Carpentry* *Credit 2 hours*

Practice in rafter cutting and elementary house carpentry, such as building garages, play houses, etc.

*Ind. 205—Woodturning and Pattern Making* *Credit 2 hours*

This course is for the purpose of making wood forms for foundry and metal work. For engineering students, making of patterns for foundry and metal shop projects. (Elective)

*Ind. 302—Wood Finishing* *Credit 2 hours*

A study of various finishes and their composition, including a study of woods. Required of all Industrial Education students.

*Ind. 303—Wood work* *Credit 2 hours*

Industrial arts for Elementary Education Teachers consisting of experiences in the field of woodwork, household mechanics and practical electricity. Open to Elementary Education majors only.

*Ind. 401—Productive Basis* *Credit 2 hours*

Operation of shop as a productive unit making furniture and other articles of use in particular major fields.

*Ind. 402—Shop Work on Productive Basis* *Credit 2 hours*

*Ind. 405—Advanced Furniture Making (Elective)* *Credit 2 hours*

Practice woodwork in advance of the requirements of the course.

**Industrial Arts and Education**

*Ind. 105—Industrial Safety* *Credit 2 hours*

Orientation course in Industrial Education, with series of problems to acquaint the student with Safety Problems in the shops and uses of machines. Same as Eng. 116.

*Ind. 301—Industrial History* *Credit 3 hours*

This course of Industrial Arts deals with a historical background of development, also the stages of development in industry, and its present trends.

*Ind. 410—Curriculum Construction* *Credit 3 hours*

Conferences, investigation and discussions for advanced students and mature persons who have had experience as teachers, supervisors or administrators with one or more phases of Vocational Education.

*Ind. 411—Tests and Measurements in Vocational Education* *Credit 3 hours*

Testing and grading. Treatment of test and their application in Educational Vocational and Industrial guidance.

*Ind. 412—Problems in Industrial Arts Education* *Credit 3 hours*

Group and individual investigation and class discussions of teaching problems of Industrial Arts in areas of departmental and subject objectives subject matter, projects, methods of teaching, aids and devices, selection of text, problem pupils, shop management. Prerequisite 6 hours, of Industrial Education.

*Ind. 413—Co-ordination* *Credit 3 hours*

The duties and responsibilities of a co-ordinator, Relationship of Vocational Education Trade and Industrial Education, with discussion of the latest Federal laws.

**Optional Courses**

*Eng. 115—Surveying* *Credit 2 hours*

The use and care of surveying instruments, and the methods used in plane and topographic surveying. Supplemented with drafting room work. Prerequisite Math. 106 (Trig.)

*Eng. 116—Engineering Lectures* *Credit 3 hours*

A series of problems designed to acquaint the student with some of the work of the engineer. Lecture and Lab, 5 hours a week.

*Eng. 215—Industrial Engineering Manufacturing Processes* *Credit 2 hours*

An illustrated lecture course consisting of slides, prints, etc., showing present day industrial practices in fields of agriculture, home economics, industrial arts, etc. Recitation and laboratory, 2 hours.

*Eng. 301—Electrical Construction* *Credit 2 hours*

A practical course in elementary electricity, consisting of ordinary wiring, repairs to electrical equipment, simple fixtures and a study of N.E.C. Requirements. Same as Ind. 191.



*Eng. 412—Machine Shop Practice* *Credit 3 hours*

Same as auto mechanics 412.

*Eng. 396—Industrial Organization* *Credit 3 hours*

The organization and management of industrial enterprises.

### The Special Trade Courses

The trades course is a two-year course for students who desire to specialize in some particular trade without the regular academic work of the college. This course consists of industrial subjects and technical training with practice in a selected trade.

*Trade 1 ( ) A or B* *270 clock hours*

Consists of Practical training in a trade. Lab. 3 hours per day.

*Trade 114 & 115—Technical Composition* *108 clock hours*

This course is a combination of elementary grammar and English Composition. The use of technical terms, the development of the skills in reading and writing that would be considered necessary for a tradesman. 54 clock hours each semester.

*Trade 103 A & B—Shop Mathematics* *108 clock hours*

A course in special mathematics which develops into special problems common to each trade. 54 clock hours each semester.

*Trade 134—Tool Care* *36 clock hours*

This course deals with the names, care and uses of tools.

*Trade 144 A & B—Mechanical Drawing* *144 clock hours*

A course dealing with the fundamental principles of drawing, with special stress on trade drawing. 72 clock hours each semester.

*Trade 2 ( ) A & B—Trade* *540 clock hours*

An advanced course of 104, with much stress on the development of skill. Laboratory 3 hours per day. 270 clock hours each semester.

*Trade 228—Trade Administration* *36 clock hours*

Instruction related to organized efficiency in trade work.

*Trade 248—A & B Advanced Composition* *108 clock hours*

A continuation of course 114, including public speaking. 54 clock hours each semester.

*Trade 268—Trade Science* *90 clock hours*

Introductory course in general physics with emphasis on measurements, machines, heat electrical theory and application.

BACHELOR OF SCIENCE  
IN  
INDUSTRIAL ARTS EDUCATION  
FRESHMAN YEAR

See Page —.

SOPHOMORE YEAR

	1st Sem. R. L. C.	2nd Sem. R. L. C.
Eng. 204—English Composition .....	3 0 3	
Eng. 212—Public Speaking .....		3 0 3
Sci. 221—College Physics .....	3 1 4	
Sci. 222—College Physics .....		3 1 4
Ed. 101 .....	3 0 3	
Ed. 201—General Methods .....		3 0 3
Ind. 203—Care of Tools and Equipment .....		2 2 2
Ind. 114—Metal Work .....	0 4 2	
Ind. 271—Working Drawings .....	0 4 2	
Ind. 272—Descriptive Geometry .....		0 4 2
Ind. 102—Bench Work .....	0 4 2	
Shop—Wood Turning or Equivalent Shop .....	0 4 2	
Shop—Elective .....		0 6 2
	18	18

JUNIOR YEAR

	1st Sem. R. L. C.	2nd Sem. R. L. C.
Ed. 311—or Ind. 411—Test & Measurements .....	3 0 3	
Psy. 309—Adolescent Development .....		3 0 3
B. A. 351—Elementary Accounting .....	3 0 3	
B. A. 352—Cost Accounting .....		3 0 3
Ind. 202—Cabinet Making .....	0 6 2	
Ind. 302—Wood Finishing .....		1 4 2
Ind. 371—Machine Drawing .....	0 4 2	
Ind. 372—Ind. Arts Design .....		0 4 2
Ind. 301—Industrial History .....	3 0 3	
T. & I. 372—History and Phil. of Voc. Ed. ....		3 0 3
Shop—Elective .....	0 6 2	
Shop—Elective .....		0 6 2
Electives .....	3	
Electives .....		3
	18	18

## SENIOR YEAR

	1st Sem.			2nd Sem.		
	R.	L.	C.	R.	L.	C.
Ed. 493—Methods of Teaching Industrial Arts .....	2	0	2			
Ed. 494—Practice Teaching of Ind. Arts .....				1	8	4
Econ. 201—Principles of Economics .....	3	0	3			
Econ. 301—Labor Problems .....				3	0	3
Ind. 471—Architectural Drawing .....	0	4	2			
Ind. 472—Architectural Drawing .....				0	4	2
Ind. 401—Productive Basis .....	0	6	2			
Ind. 402—Productive Basis .....				0	6	2
Shop Electives .....	0	6	2			
Shop Electives .....				0	6	2
Other Electives .....			3			3
	14			14		

## TECHNICAL TRADES

(2 years)

The Curricula in technical training are designed to give the student actual practice in the selected trade under the direct supervision of an expert in the trade. Other related subjects of Science, Mathematics, Mechanical Drawing Etc. are included to assure the individual of a technical foundation for his trade.

With permission of the Director, a student may substitute courses of college level for the related courses in English, Mathematics, etc.

Trade experience are offered in the following:

## TECHNICAL TRADES

Wood Work .....	A	Tailoring .....	C
Auto Mechanics .....	B	Shoe Shop .....	D

Code numbers for the different shops to be inserted in middle number of registration when student is signing for selected trade, thus, 1 A 1 indicates that the selected trade is in the wood shop.

Students enrolling in these courses must have the approval of the Director of the Division of Mechanical Arts.

## FIRST YEAR

1st sem. min. clock hrs.	2nd sem. min. clock hrs.
Trade 1 ( ) 4A Selected Trade...360	Trade 1 ( ) 4B Selected Trade...360
Trade 114 Tech. Comp. .... 54	Trade 114B Tech. Comp. .... 54
Trade 124 A Shop Math. .... 54	Trade 124B Acct. Tradesman .... 54
Trade 144A Mech. Drawing .... 72	Trade 144B Mech. Drawing .... 72
P. E. 101 Phys. Ed. .... 2	P. E. 102 Phy. Ed. .... 2

## SECOND YEAR

Trade 2 ( ) 8A Selected Trade...360	Trade 1 ( ) 4B Selected Trade...360
Trade 134 Tool Care .....	Trade 248B Public Speaking .... 54
Trade 268 Trade Science .....	Trade 391 Practical Elect .....
Trade 248A Eng. Grammar .....	P. E. 202 Phy. Ed. .... 2
P. E. 201 Phy. Ed. .... 2	

## Department of Trade and Industrial Education

The Department of Trade and Industrial Education serves as one of the two agencies in Oklahoma, appointed by the State Board For Vocational Education, to offer instruction for the preparation of teachers of industrial vocational education. This function is accomplished, in part, through campus classes for employed and prospective teachers of shop and related subjects during the regular summer sessions and, in part, through classes and conferences for teachers in service. The latter meetings are held on week-ends at the university and during the week in centers throughout the state. Individual in-service instruction for teachers is accomplished through a program of itinerant teacher training.

The courses offered in the department of Trade and Industrial Education are planned to prepare persons who have the proper technical and industrial background to qualify as teachers of trade classes and related subjects.

### STATE CERTIFICATION REQUIREMENTS FOR TRADE TEACHERS

*For Shop Teachers:*—Two years of practical experience in addition to apprenticeship or learning period in the trade or occupation which is to be taught.

*For Related Subjects Teacher:*—Two years of experience in one trade or occupation for which the related work is given, or the completion of a two-year technical course of college grade.

*For Coordinators in Part-Time Vocational Education Programs:*—Three years of experience in a trade or occupation, one year in continuous employment, and one year of successful teaching experience.

### SPECIAL REQUIREMENTS FOR TRADE TEACHERS

Students interested in teaching Industrial Vocational Education, shop work, diversified occupations and related areas of instruction should confer with the head of the Department of Trade and Industrial Education by the beginning of their sophomore year to plan adequate course sequences of technical study.

Students preparing to teach trade and industrial education as outlined in the Oklahoma State Plan for Trade and Industrial Education should include the following subject matter courses in their freshman and sophomore programs: English 101, English 212, Mathematics 106, Chemistry 111, Physics 121, Government 201.

In addition to the above, the student should have completed not less than 20 semester hours in acceptable shop and drawing courses. (Students coming from industry may apply for advanced standing examinations).

### COURSE OFFERINGS FOR PROSPECTIVE AND IN-SERVICE TRADE TEACHERS

*T. & I. 372—History and Philosophy of Vocational Education*

*Credit 3 hours*

This course deals with the history and basic principles involved in the development and function of industrial vocational education in public education.

*T. & I. 393—Instructional Procedure and Techniques* Credit 3 hours

Designed to raise the level of instructional ability of the teacher through a more complete understanding of the basic factors which govern learning and the employment of more effective teaching procedures and techniques.

*T. & I. 353—Trade and Job Analysis* Credit 3 hours

This course deals with techniques used in analyzing a trade and jobs within the trade for their instructional content, together with arranging this material into a training course outline.

*T. & I. 354—Introduction to T. & I. Education* Credit 3 hours

A pre-service course for the trade teacher. Deals with the minimum essentials for teaching trade classes, giving an over-all view of vocational education and federal, state and local relationships.

*T. & I. 392—Instructional Planning* Credit 3 hours

A workshop-type course for the selection and development of schedules of pertinent work experience, job analysis, essential instructional materials and reference assignments. This course is intended to provide instructional materials to meet the immediate needs of the participating teachers for materials not otherwise provided.

*T. & I. 493—Organization and Management of the School Shop* Credit 3 hours

A study designed to give the teacher a knowledge of the principles of shop organization and management. It deals primarily with the utilization of available space, equipment, tools, and materials, and suggests means of carrying on student and teacher activities for effective operation of the school shop.

*T. & I. 494—Observation and Practice Teaching* Credit 3 hours

This course is intended to provide an opportunity for the beginning teacher to apply and further develop, under the supervision of a teacher trainer the teaching skills partially developed in previous and concurrent courses. Conferences with the department head relative to observation program, preparation of course content material, methods of teaching, and record keeping, practices followed in trade and industrial education classes. Under ideal conditions this supervised teaching practice will be afforded through an apprentice-type teaching situation, with the new teacher acting as an assistant to a competent, experienced instructor, part of which may include off-campus assignments.

*T. & I. 497—Special Problems In Vocational Education* Credit 1-6 hours

Studies pertaining to the promotion and organization of (a) vocational rehabilitation programs, (b) adult trade extension programs, (c) construction of courses of study in industrial vocational education.

*T. & I. 462—Guidance, Placement and Follow-Up In Industrial Education* Credit 3 hours

A course in the principles and problems of guidance that will enable the vocational teachers to serve as an outpost of the guidance counselor's office. The teacher is required to analyze his particular occupation

for data and information that when organized and presented to the students and parents will assist them in planning the future of the vocational school graduate. The analysis consists of information covering the number of workers in the trade, working conditions, rates of compensation, special laws pertaining to the occupation, opportunities for advancement and the necessary preparation for promotion and success in the different phases of the occupation.

*T. & I. 473—Evaluation of Instruction* *Credit 3 hours*

A study of the functional devices and procedures especially adapted to evaluating and improving the effectiveness of instruction in trade shop work.

*T. & I. —490—Industrial and Public Relations For Trade and Industrial Teachers* *Credit 2 hours*

This course is designed to give industrial teachers information on the history and development of industrial, civic and labor organizations, and to provide them with some of the techniques necessary to promote wholesome relationship with the community and outside groups.

*T. & I. 492—Correlation of Training With Industrial and Community Needs* *Credit 2 hours*

The purpose of this course is to develop the teacher's ability to do his part in maintaining functional relationships between local industries and types of training that may be provided through the school. The objectives of the course will be developed through the use of case problems, simulated situations, and supervised practice in making industrial contacts.

*T. & I. 492—Special Problems in Apprenticeship Education* *Credit 2 hours*

Problems and procedures inherent in current apprentice education.

*T. & I. 496—Organization and Administration of Adult Industrial Vocational Education Program* *Credit 2 hours*

This course deals with the purposes and techniques used in organizing and administering adult trade extension programs.

*T. & I. 463—Workshop in Preparation and Use of Instructional Aid* *Credit 2 hours*

This course affords an opportunity for trade teachers to get information about types of teaching aids that have been proven effective, and to design and construct devices which will improve the efficiency of his instruction.

### SPECIAL TRADE COURSES

*Auto Mechanics*

*Brick Masonry*

*Carpentry*

*Cosmetology*

*Shoe Repair*

\* \* \* \* \*

The trade courses offered provide the basic training in each of the various trades enabling graduates to get jobs, show their ability, and to be steadily promoted in the trade in which they have received training. On completing a trade course the State Board of Vocational Education and Langston University issue a trade certificate certifying

hours completed and the student's rating. Trade and industrial courses are not given for college credit, the chief objective being training for useful employment and advancement in the chosen trade or industry.

### DESCRIPTION OF COURSES

#### *T. & I. Auto Mechanics*

This course is designed to give the student supervised practice in all of the phases of automobile maintenance and repair.

The first year is devoted to technical knowledge; attaining skill with tools; acquainting the student with trade terms and the use of testing equipment; with practical experience in motor tune up, valve grinding, tappet adjustment, carburetion, brake adjusting and relining, king pin installation and wheel alignment.

The second year more time is spent on diagnosis and practical jobs; major motor overhaul, fitting pistons and rings, installing and adjusting rod bearings, replacing timing gears, generator and starter repair, transmission repairs, differential repairs and wheel alignment.

#### *T. & I. Brick Masonry*

This course is designed to give the student progressive practical experiences in all branches of masonry work under the supervision of the shop instructor.

Trade practice during the first year is devoted to attaining skill with tools and technical knowledge; experiences in building corners, walls and intersections of various bonds and thicknesses; piers, footings, pilaster walls, chasm walls and blocking.

During the second year the student spends considerable time on practical jobs supplemented by further experiences in brick work, including laying out and squaring foundations; buttresses, belt courses, cornices, panels, arches, chimneys and fireplaces.

#### *T. & I. Carpentry*

This course is designed to give the student progressive practical experience in all branches of carpentry work under the supervision of the shop instructor, covering surveying and staking out building sites; concrete form construction, floor framing, wall framing, and roof framing, sheeting, insulating, and shingling.

Advance work includes actual practice in building residence and commercial type buildings of light frame construction.

#### *T. & I. Cosmetology*

*Operator's Course—1000.*—The purpose of the operator's course is to teach individuals the manipulative skills and technical knowledge necessary to perform operations and jobs in facial massaging, make-up, care and styling of hair, manicuring, pedicuring, shop management, and the sanitary requirements to promote health.

Upon the completion of 1000 clock hours of basic training as prescribed by the State Board of Cosmetology the student is eligible to take a State Board examination and on passing, becomes a licensed operator.

#### *T. & I. Cosmetology Advanced Operator's Course—500 Hours.*

This course is designed to give advanced training in operation, technical information and Advanced shop management. It is given to youth and adults who hold an operator's license.

*T. & I. Cosmetology Instructor's Course—500 Hours.*

The course is designed to train students in lesson planning, supervised teaching practice work, theory and Beauty School Management.

*All Cosmetology courses follow the requirements of the Oklahoma State Board of Cosmetology.*

*T. & I. Shoe Repair*

The students in this course are taught a general course in shoe repairing; such as half-soling and heeling all types of shoes, dyeing, repairing rips lasting shoes, and all repair jobs. The operation and care of modern shoe repair machinery and tools, and the ways of selecting and judging leather and other shoe repair materials.



## MILITARY DEPARTMENT

R. W. Williams, Major, United States Army, Assistant Professor of Military Science and Tactics, Langston University, Langston, Oklahoma.  
**Reserved Officers' Training Corps**

A senior division of the ROTC is now maintained at Langston University. The ROTC organization at Langston is an organic part of the ROTC unit at Oklahoma A&M College, Stillwater, Oklahoma. Instructors in Military science, equipment, uniforms, and funds are furnished to the university by the United States. Langston University is classified as a CC (Civilian College) institution. The mission of the Reserve Officers' Training Corps is to produce junior officers who shall have the qualities and attributes essential to progressive and continued development as officers in the Army. The military department places special emphasis upon "leadership" in order to assist its graduates to meet any situation in life with success and honor.

Dependent upon their academic course and other qualifications, students may be commissioned in the following branches of the Army: Armored Cavalry, Transportation Corps, Quartermaster Corps, Corps of Military Police, and Chemical Corps. Such students are customarily enrolled in Infantry classes.

### Enrollment

All male students entering the college must enroll in the basic course. On application to the head of the department of defense, students may be granted postponement of, or exemption from, part or all of the basic course for any of the following reasons: Physical disability; non-matriculate, night, or special student status only so long as such status exists; three months of active service in the Army, Navy, Marine corps, or Coast Guard service during World War II; or credit, certified by the registrar, for college work previously done in institutions where military training was not required.

Transfer students will be exempted in accordance with the following: 60 semester credit hours, total exemption; 30 semester credit hours, but less than 60 semester credit hours, exemption from one year of military training; less than 30 semester credit hours, no exemption; age of 23 years or more at time of registration, to be evidenced by presentation of student's birth certificate or by affidavit by parent or guardian to the head of the department of defense. No student will be considered eligible for exemption under this provision until he shall have satisfactorily completed all required military training up to the time he becomes eligible for exemption by reason of age, convenience of the government or the college under very exceptional circumstances not mentioned above.

### Basic Course—Branch Immaterial

The first-year basic course is composed of general and branch immaterial subject-matter. It is designed to give the student instruction in the fundamentals of leadership and other basic military subjects. A student enrolling for the first time may enroll in any of the first-year basic classes regardless of his school or academic major.



RESIDENCE HALL FOR MEN

2

### Branch Material Course

The second-year basic course is composed of specialized and branch material subject matter. It is designed to give the student instruction in the fundamentals of leadership and basic knowledge necessary for him to pursue further training in a specialized field.

The primary mission of the ROTC is to provide military training for qualified young men who, in time of emergency, may be called upon to assist in the defense of the country. The time or place of such emergencies is impossible to predict. For the most part ROTC students will, upon graduation, follow civilian pursuits for which they are being trained in academic courses other than the military. It follows then that military training is an adjunct to other academic training undergone by the student.

### Advanced Course

In general, students selected for the advanced course shall have shown, in the basic course, outstanding potential qualities of leadership and sufficient intelligence to insure their development into efficient officer material.

The general requirements for entrance into the advanced course are: United States citizenship; physical qualifications as prescribed by the Secretary of Defense; (a veteran deriving benefits from service-incurred disability is not required to waive such compensation. He must be physically re-examined for enrollment; disqualification for temporary defects may be waived by the Commanding General, Fourth Army or Twelfth Air Force. Physical disabilities or defects which are likely to persist until completion of ROTC training and which may not be waived for appointment in ORC, however, will not be waived for enrollment or continuance in the ROTC.); regular enrollment in a four-year academic course prior to completion of the basic course or 12 months of honorable service in the Army, Navy, Marine corps, or Coast Guard service; eligibility established through general-survey or screening tests; and age of under 27 years at time of enrollment.

### Emoluments For Advanced Course Students

Advanced course ROTC students will be paid a monetary allowance at a daily rate equal to the value of the garrison ration, for an aggregate not to exceed 570 days excluding summer camp. The value of this allowance for the fiscal years 1950, 1951 and 1952 was 90 cents a day. Members of the advanced course will be furnished the officer-type uniform, which, upon successful completion of the course, may be retained.

Advanced course students are civilians under contract with the government and not in the active military service. The contract contains the following provisions for the benefit of the government: unless sooner discharged for the convenience of the government, the student will complete the advanced course; and students will accept appointment as Second Lieutenants in the Officers Reserve corps, if tendered.

### Summer Camp

Members of the advanced course are required to attend summer camp between the first and second year. All students going to camp receive mileage for the round trip at the rate of five cents a mile and are fed, housed, uniformed, and given medical attention at government expense

while at the camp. The pay while at summer camp will be the rate prescribed for soldiers of the lowest grade of the regular army. The duration of camp will normally be six weeks, beginning about June 15 each year. Deferment from summer camp may be accomplished only under exceptional circumstances.

The military training consists of practical and theoretical instruction of a specialized-branch type. In addition to training, the student has opportunity to participate in healthful outdoor sports of all kinds in completion with young men from other colleges. A well-arranged religious program is conducted at each of the several camps by experienced chaplains.

#### **Distinguished Military Students and Graduates**

A Distinguished Military student is a person designated by the professor of military science and tactics and approved by the President of the College, who possesses outstanding qualities of military leadership, high moral character, and definite aptitude for the military service; has distinguished himself either academically or by demonstrated leadership through his accomplishments while participating in recognized campus activities; is scheduled to complete the advanced course, senior division, ROTC, within one school year; and is considered qualified and is recommended by his chief instructor.

A Distinguished Military graduate is a person designated by the professor of military science and tactics and approved by the President of the college, who is a Distinguished Military student; has completed the advanced course senior division, ROTC; has been graduated from a college or university which confers the baccalaureate degree; and has maintained the standards indicated above during the period between designation as a Distinguished Military student and the date of graduation.

#### **Uniforms and Equipment**

The federal government support military training by providing uniforms, furnishing certain instructional materials, weapons, equipment, and the necessary personnel for instruction and administration.

The following articles of uniform are issued to each basic student by the Military-Property custodian: one cap, overseas; one blouse, dark green; one pair trousers, dark green; two shirts, cotton; two neckties; one belt, waist; one field jacket, two pairs socks, one pair shoes, one pair gloves, one raincoat.

The uniform should always be worn properly and neatly with strict attention to details. Only in this way will the student's appearance be a credit to himself and to his college.

The regulations concerning the wearing of the uniform are applicable not only during military instruction but also whenever the student is in public places. The complete uniform should be worn; no part of it should be used with civilian attire.

Students who lose, damage, or destroy items of government property through their own fault or negligence will be held liable for such loss, damage, or destruction.

#### **Conduct**

*Absences.* Each student is required to attend all scheduled drill and class formations unless excused by proper authority, and such authority

must be presented to the military instructor. Authority for absences may be obtained from the following sources only:

The college physician, for absences because of illness or injury. **The student must submit his excuse prior to or at his first drill or assembly subsequent to the absence.** Excuses covering absences from afternoon drills must be obtained prior to noon of the day of absence;

The professor of military science and tactics.

The dean of instruction.

Unrecognized or unexcused absences are used as a factor to reduce the student's final grade. **Unexcused absences** may be removed by the extra military work or assignments in accordance with instructions published by the department of defense.

Members of the college athletic teams whose names are submitted to the head of the department of defense may be excused from afternoon drill on Tuesdays from 2-4 p.m. during the playing season.

*Demerits.* There is a system of demerits in operation to keep ordinary infraction of departmental regulations to the minimum.

Upon application of his instructor in military or air science, a student may remove demerits for minor delinquencies. The student may be required to undergo extra instruction or training or to perform assigned military tasks.

The final grade in a basic course will be lowered one-half of one per cent for each unremoved demerit. (See Grades and Grade Points, page 31.)

### DISCIPLINE

While actually under military instruction, students will be considered as being on a strictly military status. They will observe the traditional gentlemanly courtesies customary among military men. The instruction of the basic course is meant to inculcate in the individual a respect for proper authority, based on the principle that one cannot lead properly unless he first learns to obey.

Cadet officers and non-commissioned officers are appointed by the President of the college upon recommendation by the head of the department of defense and are to be obeyed and respected accordingly.

Cadet officers are required to detect and correct mistakes at practical exercises.

### Instruction

All military instruction is under the immediate charge of officers of the Army of the United States who are detailed by the Secretary of Defense for duty at the college.

All students in the basic course attend five (5) hours of scheduled instruction each week of the academic year, except during the periods authorized by the head of the department of defense. For hours of instruction, see the departmental schedule of courses.

Grades in all basic and advanced military courses will be in accordance with standards listed for the rest of the college. Grades will be determined after consideration of the student's examination, conduct (demerits), attendance, and inspections.

**MILITARY SCIENCE***First-Year Basic—Branch Immaterial*

112, 122 *Military Science.* I, II. *Classes and lab. 5, cr. 2.*

*First-Year Basic Army*

Leadership, drill, and exercise of command; organization of the armed forces; military policy of the U. S.; evolution of warfare; maps and aerial photographs; military psychology and personnel management; first aid and hygiene; geographical foundations of national power; military problems of the U. S.; and mobilization and demobilization.

*Infantry*

212, 222 *Military Science.* I, II. *Classes and lab. 5, cr. 2.*

*Second-Year Basic*

Leadership, drill, and exercise of command; organization of the Army; weapons; marksmanship; technique of fire of rifle squad; combat formation; scouting and patrolling; and tactics of rifle squad.

314, 324 *Military Science.* I, II. *Classes and lab. 7, cr. 4.*

*First-Year Advanced*

Leadership, drill, and exercise of command; organization of the infantry; weapons; gunnery; communications; combat intelligence; estimate of situation and combat orders; field fortifications; and tactics of rifle and heavy weapons platoons and companies.

414, 424 *Military Science.* I, II. *Classes and lab. 7, cr. 4.*

*Second-Year Advanced*

Leadership, drill, and exercise of command; military administration and personnel management; military teaching methods; psychological warfare; organization of Infantry units; command and staff; communications; motors and transportation; supply and evacuation; troop movement; new developments; the military team; and tactics of the infantry battalion in attack and defense.

## STUDENT ROSTER

## FRESHMAN

1952-53

<i>Name</i>	<i>Home Town</i>
Ables, Waylan	Guthrie
Adams, Bettye J.	Oklahoma City
Adkins, Omega L.	Oklahoma City
Anderson, Leon	Ardmore
Andrews, Djery D.	Tulsa
Armstrong, Alvin	Soper
Armstrong, Robert	St. Joseph, Missouri
Artebery, Augustus	Langston
Bables, Walter	Hennessey
Baker, Betty J.	Eufaula
Basham, McClelan	Langston
Battle, Curtycine	Okemah
Bell, Bettye C.	Tulsa
Benford, Lee Noel	Lawton
Billingslea, Carole	Spencer
Boatwright, Betty Jo	Ft. Gibson
Brackeen, Curtis	Muskogee
Bragg, Willie Bell	Guthrie
Brown, Alma	Luther
Brown, Bettye J.	Haskell
Brown, Deloice	Okmulgee
Brown, Earnest	Luther
Brown, Stephen	Oklahoma City
Brown, Vollie	Okmulgee
Bufford, Norvell D.	Crescent
Burkhalter, Ada L.	Pierce
Burleson, Leroy	Newport
Burris, Willie	Idabel
Calhoun, Martha	Wynnewood
Caliman, Emery	Nowata
Campbell, Mayme	Langston
Carson, Robert E.	Wynnewood
Carter, Irie M.	Wichita, Kansas
Clark, Acie	Frederick
Clayton, Bobby L.	Atoka
Collins, Bettye	Morris
Cornelius, Orville	Guthrie
Cotton, Cecil	Frederick
Cotton, Connie L.	Harris
Crabtree, Ruth	Eufaula
Craven, Ollie	Geary
Crawford, Lois	Hominy
Crawford, Raymond	Chickasha
Crawford, Zack	Hominy
Crenshaw, Annetta	Slick
Criner, Mark	Muskogee
Crittenden, Ola Lee	Spencer
Crutchfield, Leaster	Oklahoma City
Crutchfield, Wilma J.	Oklahoma City
Daniels, Emma L.	Castle
Davis, Aaron	Oklahoma City
Davis, Donald	Sapulpa



Davis, Roy T.	Okmulgee
Davis, Uria Belle	Muldrow
Davis, Vernon Jean	Guthrie
Daviss, Betty J.	Oklahoma City
Desmuke, Joyce	Muskogee
Dillahunty, Charles	DeQueen, Arkansas
Doakes, Arbon D.	Beggs
Douglas, D. Diane	Tulsa
Douglas, Edythe	Tulsa
Dulan, Adolf A.	Luther
Dunn, Kenneth	Idabel
Eason, Bobbie J.	Spencer
Edmond, Wesley B.	Oklahoma City
Edwards, Charles	Meridian
Edwards, Lillie F.	Wynnewood
Elliott, Travis	Sapulpa
Evans, Elzie	San Antonio, Texas
Farris, N. Strathmoore	Earlsboro
Fields, Miriam Ann	Enid
Forte, Evie	Idabel
Foster, Theodore	Anadarko
Fowler, Frank E.	San Antonio, Texas
Fowler, Louit L.	Crescent
Franklin, Dorothy	Meridian
Franklin, Eugene	DeQueen, Arkansas
Franks, Helen L.	Purcell
Futrel, Hurlon	Luther
Geary, Fred	Hugo
Geary, Rosa	Hugo
Glover, N. Justine	Hasckell
Gray, Cornelius	Muskogee
Greene, Wilson	San Antonio, Texas
Greenhoward, Naomi	Bristow
Hadley, Worth	Sapulpa
Hamlin, Theodore	Oklahoma City
Haynes, Theodore	Ponca City
Hazley, Orlando	Enid
Hemphill, Eloise	Cushing
Henderson, Randolph	Ardmore
Hester, Carolee	Beggs
Hickman, Carl E.	Sapulpa
Hightower, Thurman	Ada
Hill, Franklin D.	Boley
Holloway, Dorothy	Okemah
Hopson, Lawrence	Sand Springs
House, Jesse O.	Crescent
House, LaFrancis	Dover
Hughlon, Bobbie F.	Sapulpa
Hunt, Herbert	Shawnee
Hunter, Helen	El Reno
Hurte, Lorenza	Ardmore
Jackson, Patty L.	Oklahoma City
James, Charles L.	Oklahoma City
James, John Willie	Atoka
Jenkins, Bobby E.	Oklahoma City
Jennings, Benny	Morris
Johnson, Harvey L.	Pawnee
Johnson, Marie	Claremore

Jones, Betty P.	Altus
Jones, Harvey D.	Oklahoma City
Jones, Mary E.	Tullahassie
Judie, Joseph	Stillwater
Kennedy, Leland	Wankomis
King, Johnnie W.	Seminole
Lacy, Walter S.	Holdenville
LaVassar, Illa A.	Tulsa
Lee, Henry R.	Oklahoma City
Lennox, Marion	Langston
Lewis, Charles	Lawton
Lewis, Euna	El Reno
Lewis, Homer	Wetumka
Littleton, Provan	Oklahoma City
Lofton, Gussie	Ardmore
Lomax, Robert	Washington D. C.
Long, Lorine K.	Frederick
McCargo, Hattie J.	Perkins
McCarroll, Cecil	Marietta
McClelland, Leonia	Spencer
McCowen, Vivian A.	Chickasha
McDaniel, Malachia	Sand Springs
McDonald, Theodore	Wewoka
McGill, Dezo	Oktaka
Madden, Luveria A.	Cushing
Manuel, Snordia	Omaha, Nebraska
Mathis, Elizabeth	Oklahoma City
Mathhews, Avon	Oklahoma City
Maxie, Robert	Tulsa
Miles, Lillie	Boswell
Miller, Mattie	Holdenville
Miller, Germaine	Enid
Milton, Jerome	Sand Springs
Mitchell, Elmer	Ponca City
Mitchell, Kabby	Bartlesville
Mitchell, Yvonne	Oklahoma City
Moore, Jeff	Tulsa
Moore, Kate	Holdenville
Moore, Marian	Delaware
Morris, Raymond	Muskogee
Morten, Tommie J.	Ada
Nash, Olivia	Beggs
Nash, Raymond	Beggs
Pannell, Augustine	Hoffman
Parker, Albert	Lawton
Parker, Bettye J.	Oklahoma City
Parker, Lawrence	McCloud
Patmon, Willie J.	Crescent
Patterson, Don. H.	Tulsa
Patterson, Thurman	Tulsa
Patton, Erma	Ardmore
Pendleton, Jewel	Oklahoma City
Peoples, Troja	Spencer
Perry, Della	Okemah
Pratt, Lois	Cushing
Pressley, Mildred	Tulsa
Prince, Carletta	Elmor City
Purl, Thomasina	Oklahoma City

Raney, Dorothy .....	Oklahoma City
Ray, David .....	Oklahoma City
Redd, Carthu .....	Muskogee
Reed, Deloyd .....	Muskogee
Reeves, Maxine .....	Geary
Rhoda, Mattie .....	Hempstead, Texas
Rhodes, Johnnie .....	Lawton
Richardson, Emma .....	Elmore City
Rimmer, Vernice .....	Oklahoma City
Robinson, Joyce L. ....	Claremore
Robinson, Vinita .....	Oklahoma City
Roland, John .....	Oklahoma City
Roper, Ernest .....	Oklahoma City
Ross, Samuel .....	Choctaw
Rushing, Edgar .....	Watonga
Ryan, Ruby .....	Tecumseh
Sanders, Jessye M. ....	Tulsa
Sanders, Landers .....	Idabel
Sears, Doris Irene .....	Guthrie
Seward, Roland .....	McAlester
Shannon, Henry Jr. ....	Milo
Sharp, Ellie V. ....	Luther
Shaw, James .....	Boley
Simmons, Nannie .....	Porter
Singleton, Levolia L. ....	Castle
Smith, John Henry .....	Ardmore
Simth, Mary Alice .....	Hobart
Starr, Barbara .....	Oklahoma City
Starr, James E. ....	Langston
Statum, Aurelius .....	Oklahoma City
Stearns, Ruth E. ....	Tulsa
Sterling, Alice .....	Altus
Stevenson, Wayne .....	Dover
Sumral, James E. ....	Oklahoma City
Surrel, Mitchell .....	Okmulgee
Swain, Joyceline .....	Vinita
Taylor, Verdie D. ....	Taft
Taylor, Wallace .....	Oklahoma City
Thompson, Charles .....	Watonga
Tilford, Ann .....	McAlester
Tilley, Mary D. ....	Purcell
Todd, Willie J. ....	Okmulgee
Vick, Queen Esther .....	Langston
Waldon, Earle Mae .....	Okmulgee
Walker, Lena Mae .....	Broken Bow
Walker, Mazree .....	Muskogee
Walker, Ola Mae .....	Oktaka
Walker, Oleatha M. ....	Boley
Walker, Robert .....	Marshall, Texas
Ward, Barbara .....	Oklahoma City
Ward, Dorothy .....	Milburn
Ward, Hoyt .....	Atoka
Ward, Johnnie .....	Duncan
Ward, Paul L. ....	Seminole
Warren, Elijah .....	Mounds
Washington, Lucille .....	Beggs
Watley, George .....	Lawton
Weathers, Doris .....	Okmulgee

Wilborn, Theodis J. ....	Marshall, Texas
Williams, Betty A. ....	Marietta
Williams, Bobby Joe ....	Stillwater
Williams, William ....	Altus
Winn, Vergie ....	Cushing
Woodard, Arthur ....	Hobart
Wooten, Willie ....	Spencer
Zackery, Claudette ....	Tulsa

**STUDENT ROSTER**

**SOPHOMORES**

1952-53

<i>Name</i>	<i>Home Town</i>
Adair, Clarence .....	Elk City
Anderson, Ghita Mae .....	Choctaw
Anderson, Wilma Jean .....	Choctaw
Arinwine, Kenneth W. ....	Oklahoma City
Artry, Forrest .....	Lehigh
Austin, Leta Vaye .....	Tatums
Bennett, Ollie Mae .....	Guthrie
Bolding, Mary L. ....	Hugo
Boulware, Delores .....	Muskogee
Bowens, Sarah .....	Cement
Brooks, Donald .....	Stroud
Brown, Enzell .....	Hinton
Brown, Henryetta .....	Coyle
Bruce, Franklin .....	Oklahoma City
Bruce, Sadie D. ....	Oklahoma City
Burton, Parthenia .....	El Reno
Carr, IV Flemon .....	Enid
Cayton, Leonard .....	Frederick
Clark, Booker T. ....	Fallis
Clemons, Nancy .....	Ardmore
Coffee, Claressa .....	Chandler
Coleman, Sandra .....	Langston
Collier, Henry .....	Mounds
Combs, Samuel .....	Bristow
Crosby, Fledia .....	Beggs
Cudjoe, Frezonia .....	Seminole
Curry, Lucius .....	Seminole
Delt, Alfred .....	Spiro
Dickson, Joyce .....	Vian
Doughty, Charles .....	Oklahoma City
Drew, Mozell .....	Bartlesville
Duke, Joan C. ....	Watonga
Eddings, Ola .....	Frederick
Finley, Theotis .....	Pawhuska
Floyd, William .....	Oklahoma City
Ford, Dorothy .....	Hoffman
Foshee, Ronald .....	Sapulpa
Frederick, Ellsworth .....	Davenport
Gordon, Allan .....	Ada
Graham, Jerry .....	Seminole
Green, Lavada .....	Meridian
Greer, Billy .....	Duncan
Hamilton, Alcleata .....	Broken Bow

Hancock, Darlene .....	Oklahoma City
Harris, Bennie .....	Frederick
Hawkins, Jerue .....	Tulsa
Hawkins, Mary .....	Tulsa
Hayes, Christine .....	Crescent
Hayes, Opal J. ....	Newkirk
Haynes, Fred .....	Tulsa
Hill, James W. ....	Guthrie
Hornbeak, Charles .....	Ardmore
Howell, Marzella .....	Boynton
Hutton, Eugene .....	Council Hill
Jackson, Myrtle .....	Tulsa
Jackson, Norma J. ....	Spencer
Juggers, Ollie L. ....	Oklahoma City
Jennings, Georgia .....	Fort Gibson
Johnson, Anna Mae .....	Tulsa
Johnson, Cordell .....	Muskogee
Johnson, Emmett .....	Lawton
Johnson, Ethel .....	Porter
Jones, Dorothy H. ....	Ardmore
Jones, Dorothy M. ....	Oklahoma City
Jones, Lenore .....	Crescent
Kendrick, Thomas .....	Muskogee
Kennedy, Mary J. ....	Okmulgee
Kirk, Mae Thelma .....	Milo
Lambeth, Vernon .....	Newalla
Lewis, Sadie .....	Guthrie
Lofton, Ewing .....	Ardmore
Love, Richie .....	Stillwater
McClellan, Ruby .....	Geary
McDowell, James .....	Okmulgee
McFall, Lillie M. ....	Lawton
McGilbra, Travis .....	Tulsa
McKesson, Levester .....	Spiro
McMullen, Carl .....	Okmulgee
Mallard, Ollie .....	Spencer
Manuel, Helen M. ....	Tulsa
Mills, Frank .....	Washington, D. C.
Moore, Doris J. ....	Haskell
Morgan, Booker T. ....	Boley
Morris, Theodore .....	Ada
Morris, Vernita .....	Holdenville
Nealy, Bobby .....	Oklahoma City
Osborne, Betty C. ....	Oklahoma City
Peoples, Pearlean .....	Oklahoma City
Perry, Percy J. ....	Boynton
Porter, James .....	Wichita, Kansas
Potts, Margaret A. ....	Shawnee
Prince, Estella .....	Elmore City
Ransom, Clyde .....	Van, Arkansas
Ray, Otis T. ....	Lawton
Reece, Raymond .....	Lawton
Reed, Julia A. ....	Tulsa
Reed, William .....	Henryetta
Richmond, Betty .....	Wewoka
River, Mae Lee .....	Tecumseh
Roach, Henry .....	Luther
Roberson, Allen .....	Oklahoma City

Roper, Don A. ....	Oklahoma City
Rowe, Charlotte .....	Tulsa
Rutherford, Catherine .....	Mt. Pleasant, Texas
Scott, Walter .....	Spiro
Shaver, George .....	Eufaula
Shawnee, Gay .....	Clinton
Shawnee, LaFrederick .....	Oklahoma City
Simpson, Hazel .....	Luther
Sims, Janice .....	Tulsa
Sloan, Lawrence .....	Oklahoma City
Smith, Edna .....	Wetumka
Smith, Ida R. ....	Guthrie
Smith, Opal .....	Crescent
Smith, Vera .....	Spencer
Starr, Shirley A. ....	Tahlequah
Stevenson, Mary .....	Wewoka
Spencer, Arthur .....	Weleetka
Stearns, Bobble J. ....	Boley
Taylor, Jewel .....	Oklahoma City
Tease, Pauline .....	Boley
Thomas, Jewellean .....	Spencer
Thomas, Marvin .....	Wichita, Kansas
Thompson, Cora .....	Watonga
Tolliver, James .....	Checotah
Tucker, Ozella .....	Haskell
Tunley, Barbara .....	Okmulgee
Ward, Eddie .....	Oklahoma City
Washington, Robert .....	Washington, D. C.
Watkins, Ray L. ....	Oklahoma City
Wells, Bettye .....	Spencer
Wharton, Glen B. ....	Guthrie
Whited, Joseph .....	Rentiesville
White, John .....	El Reno
White, Joshua .....	El Reno
Whitby, Alex .....	Oklahoma City
Whittaker, Cora .....	Earlsboro
Williams, Lilliantyne .....	El Reno
Williams, Mildred Lee .....	Frederick
Williams, Mildred Marie .....	Fairfax
Williams, Robert .....	Okmulgee
Williams, Samuel .....	Taft
Wilson, Tessie V. ....	Broken Bow
Young, Winfield .....	Brooksville

**STUDENT ROSTER**

**JUNIORS**

1952-53

<i>Name</i>	<i>Home Town</i>
Adams, Alice Patterson .....	Tulsa
Adams, Cornelius .....	Tulsa
Alexander, Juanita Gladys .....	Sayre
Alford, Annie Bell .....	Wewoka
Ashurst, Harold T. ....	Forth Worth, Texas
Atkinson, Edna Lonetta .....	Muskogee
Bass, Norma Jean .....	Purcell
Bennett, Carl Roosevelt .....	Dover

Bennett, Effie Maye .....	Henryetta
Bolton, James .....	Tulsa
Brown, Adolph .....	Chickasha
Brown, Loretta .....	Coyle
Burton, Eunice Edna .....	El Reno
Bush, John Daniel .....	Taft
Butler, Alma Dean .....	Ardmore
Butler, Alva Jean .....	Ardmore
Campbell, Melvin .....	Langston
Combs, Samuel, Jr .....	Bristow
Crawford, Margaret M. ....	Hominy
Deck, Severne Od .....	New Lima
Douglass, Grady, Jr. ....	Lawton
Edmonds, Maye F. ....	Langston
Fernandes, Henry, Jr. ....	Langston
Ford, Iola Marie .....	Hoffman
Foster, Jimmie S. ....	Oklahoma City
Gaffney, John Wesley .....	Oklahoma City
Gladney, Willetta Lee .....	Cushing
Green, Levada .....	Meridian
Guest, Marion .....	Muskogee
Halstied, Lenora G. ....	Cement
Hare, Nathaniel .....	Slick
Harvey, Cecil R. ....	Sand Springs
Hickerson, Doris .....	Muskogee
Hilburn, Malcom .....	Chickasha
Hill, Geraldine Lilly .....	Winston-Salem, N. C.
Hill, James Weldon .....	Guthrie
Hill, Juanelda Marion .....	Oklahoma City
Hill, Veloria C. ....	Ardmore
Jackson, Norma Jean .....	Spencer
Jacobs, Beulah Mae .....	Perkins
Jaggers, Ollie .....	Oklahoma
Johnson, Leroy C. ....	Sand Springs
Johnson, Leroy .....	Sand Springs
Johnson, Rosetta .....	Muskogee
Jones, Carl Lee .....	Chickasha
Lackey, Mervyn V. ....	Ardmore
Lawson, Willie James .....	Stillwater
Lee, Elwyn Lucille .....	Idabel
Livingston, Loveless B. ....	Eufaula
Lofton, Ewing C. ....	Ardmore
Love, Vertie B. Watson .....	Choctaw
Madison, Evelyn LaRue .....	Langston
Martin, Altha .....	Eufaula
Miles, Dorothy Jean .....	Boswell
Morgan, Booker .....	Boley
Noble, Doretha Edwards .....	Meridian
Nolen, Vernon Clifford .....	Ada
Osborne, Renaldo .....	Pawnee
Owze, Delores Costella .....	Guthrie
Patmon, John Vernon .....	Lawton
Patterson, Ella Jean .....	Tulsa
Perry, Zelma Lee .....	Wewoka
Ponds, Jacqueline Marie .....	Muskogee
Potts, Margaret Ann .....	Shawnee
Prince, Estella .....	Elmore City
Quinn, Willie Theron .....	Luther

Reece, Willie Winfred .....	Stillwater
Reynolds, Addye Beatrice .....	Enid
Rhone, Delois Universal .....	Oklahoma City
Roach, Harvey Antoine .....	Luther
Robbins, Eugene R. ....	Wagoner
Rolland, Wilma Jean .....	Oklahoma City
Scott, Herreece Alfreda .....	Wetumka
Seward, Ruby .....	McAlester
Shaver, George .....	Eufaula
Simmons, J. D. ....	Porter
Smith, Adella Laverne .....	Oklahoma City
Spencer, Arthur J. ....	Weleetka
Stearns, Rosie Lavoyne .....	Tulsa
Stevenson, Geraldine .....	Davis
Sutton, Eula Mae .....	McLoud
Swinton, Billy .....	Detroit, Michigan
Taylor, Jewel .....	Lawton
Thomas, W. L. ....	Ardmore
Tilford, Baxter L. ....	McAlester
Tillman, Naaman L. ....	Oklahoma City
Tims, General, Jr. ....	Muskogee
Todd, Melvin Richardson .....	Langston
Walburt, Juanita .....	Altus
Ward, Senora N. ....	Spencer
Wharton, Dolphin Alonzo .....	Guthrie
White, Stanley .....	Washington, D. C.
Wiley, Dorice .....	Enid
Williams, Mildred Lee .....	Frederick
Wilson, Juanita .....	Enid
Wilson, Lloyd George .....	Oklahoma City
Withers, Edith Marjorie .....	Cushing
Woodruff, Leola Mae .....	Okmulgee

**STUDENT ROSTER**

**SENIORS**

**1952-53**

<i>Name</i>	<i>Home Town</i>
Abram, W. B. ....	Ardmore
Algee, John Alfred .....	Claremore
Anderson, Gloria C. ....	Langston
Armstrong, William .....	Sand Springs
Arterbery, Bobby Joe .....	Sherman, Texas
Banks, Merle Kenneth .....	Langston
Banks, Thurmel .....	Boley
Beavers, Lennie Mae .....	Pawhuska
Bolden, Nesby Boyd, Jr. ....	El Reno
Breckenridge, Lorenzo O. ....	Bristow
Breckenridge, Vernon D. ....	Okeene
Brooks, Paul Orville .....	Langston
Brown, Curtis Asa .....	Weleetka
Burner, Nadine Logan .....	Lima
Carson, Kenneth Jay .....	Albuquerque, New Mexico
Chapple, John Henry .....	Oklahoma City
Clark, George Ayers .....	McAlester
Coffey, Vernon .....	Anadarko
Cotton, Velma Ruth .....	Harris



Craven, Lillie Pearl .....	Geary
Crowell, Bernard Gene .....	Chickasha
Denton, Annetta Jean .....	Oklahoma City
Desmuke, Lamar Donald .....	Oakland, California
Dumas, Floyd Earl .....	Muskogee
Edwards, Henry N. ....	Ardmore
Evans, Valadean .....	Poteau
Fields, Norma Dean .....	Shawnee
Franks, Lucille Ella .....	Ardmore
Fuller, Bettye Jean .....	Oklahoma City
Fulson, Letroit .....	Spiro
Gardner, Harold Lee .....	Tulsa
Gibson, Helen E. ....	Okmulgee
Gilyard, Bobby .....	Altus
Gray, Margaret Earlene .....	Muskogee
Greene, Llwellyn L. ....	Langston
Greene, Romayne J. ....	Langston
Grimes, Gbar A. ....	Monrovia, Liberia
Hanson, Idella Jones .....	Pawnee
Hargrove, Issac Walter .....	Langston
Henderson, Kermit C. ....	Chandler
Holmes, Clinton James, Jr. ....	Beggs
Hooks, Bernice .....	Tatums
Hooks, Theron Q. ....	Tatums
Ingram, Margaret A. ....	Langston
Jackson, James C. ....	Bristow
Jackson, Kay Frances .....	Sand Springs
Jackson, Nelle Belle .....	Tatums
James, Dorothy Mae .....	Eufaula
Jenkins, Rudolph Richard .....	Langston
Johnson, Aline Walker .....	Boley
Johnson, Charles E. ....	Wagoner
Johnson, Charley Mae .....	Tulahassee
Johnson, Elizabeth Ann .....	Oklahoma City
Johnson, Jack .....	Lawton
Johnson, John Henry .....	Tulsa
Johnson, Mae Kathryn .....	Haskell
Jones, Dorista Carolyn .....	Langston
Kimble, Norma Jean .....	Muskogee
Lewis, Charles H. ....	Joliet, Ill.
Lewis, Joyce Jean Hale .....	Cushing
Lucas, Eva Dell .....	Davis
McDaniel, George A. ....	Sand Springs
McDonald, Lillian .....	Oklahoma City
Mathews, Willena F. ....	Pawhuska
Milsap, Samuel Richard .....	Langston
Moon, Mary Carletta .....	Oklahoma City
Moore, Odeite Mae .....	Cushing
Northington, Wilber Lee .....	Tulsa
Owens, Verna Mae .....	Enid
Parker, Bobby .....	Spiro
Peoples, Leona Delois .....	Tulsa
Price, Howard W. ....	Seminole
Purvey, William .....	Ardmore
Reed, Lula Mae .....	Tulsa
Richardson, Mabel Holbert .....	Tulsa
Rodgers, Frank Eugene .....	Tulsa
Roe, George Booker .....	Ada

Rollerson, Myrtle .....	Tulsa
Sanders, Edwina .....	Poteau
Sanders, Herman .....	Harris
Scoby, Julia Mae Daniels .....	Castle
Sharp, Hugh Wilson .....	Guthrie
Smith, McCormick, Jr. ....	Oklahoma City
Southall, Gussie Mae .....	Langston
Sandford, William Grover .....	Castle
Stevenson, Willean .....	Davis
Stripling, Moss Allen .....	Holdenville
Sudduth, Robert Louis .....	Tulsa
Thomas, Cora Lee .....	Idabel
Thomas, Lucille Grace .....	Muskogee
Tucker, Nathella W. ....	Haskell
Turner, Dorothy Lee .....	Wewoka
Twine, Frances E. ....	Muskogee
Vaughn, Blanche .....	Langston
Waldon, Joan M. ....	Okmulgee
Walker, Ineatha .....	Boley
Washington, Martha W. ....	Langston
Watson, Mary Frances .....	Oklahoma City
Wedgworth, Willie Leroy .....	Spencer
White, Aubry .....	Lawton
Whitlow, Elwood .....	Minneapolis, Minn.
Williams, Cecil .....	Fairfax
Wilson, Mary Ella .....	Oklahoma City
Wilson, Willia Mae .....	Tulsa
Woods, Emma Mae .....	Spiro
Wytch, Doris Jean .....	Ft. Gibson
Younger, Margaret June .....	Guthrie

**GRADUATES**  
**SUMMER CONVOCATION**

**July 20, 1952**

DIVISION OF AGRICULTURE  
*Bachelor of Science in Agriculture*  
Dallas, Willard Duke

DIVISION OF ARTS AND SCIENCES

*Bachelor of Arts*

Batson, Smythe L.—History	Marshall, Woodie H.—History
Carruthers, John W.—Biology	Randle, Rita Bell—English
Curry, Velah Lois—Music	Warren, Kathlyn Edwina—Music
Fisher, Clarence James, Jr.—Biology	Wesley, Alvin Ray—Sociology
Jones, Rosemary Starr—English	Winslett, Agnes J. Etta—English

*Bachelor of Science*

Anderson, Mildridge—Bus. Admin.	Davis, Rosa Lee—Commerce
Artry, Marvin James—Biology	Smith, Rudolph B.—Pre-Med
Belcher, Johnnie—Mathematics	Starr, Billy—Physical Education
Burton, Vivian Behn—Phys. Edu.	Stephens, Dorothy Mae—Commerce

DIVISION OF EDUCATION

*Bachelor of Science in Elementary Education*

Anderson, Mary Lee	Johnson, Jewell Marion
Colbert, Daisy Lollis	Leach, Mattie
English, Wheeler Mae Parker	Vance, Lillian Cooper
Dillard, Opal V.	Watkins, Abi

Weston, Laura Johnnie

DIVISION OF HOME ECONOMICS

*Bachelor of Science in Home Economics*

Stewart, Caldonia Harriet

DIVISION OF MECHANIC ARTS

*Bachelor of Science in Industrial Arts*

Davis, Jesse	Jones, Leroy
Holmes, Clinton J., Sr.	McGee, Lola Dorothy

Pete, Chester William

TRADE CERTIFICATES

*Brick Masonry*

Anderson, Acie L.  
Chandler, Quinnen

Tucker, Little John  
Stallworth, Allen O.

*Carpentry*

Barber, Alfred

Mitchell, Thurman

*Cosmetology*

McClinton, Viola Jones

SCHOLASTIC HONORS

*Cum Laude*

Anderson, Mildridge  
Dallas, Willard Duke

Starr, Elly  
Stephens, Dorothy Campbell

GRADUATES

SPRING CONVOCATION

May 26, 1953

DIVISION OF AGRICULTURE

*Bachelor of Science in Agriculture*

Adams, Thomas E.—Vocational	Breckenridge, Vernon—Vocational
Armstrong, William—Vocational	Edwards, Henry W.—Technical
Banks, Thurmel L.—Technical	Milsap, Samuel—Vocational
Breckenridge, Lorenza—Vocational	Sanders, Herman—Vocational
	Stripling, Moss A.

DIVISION OF ARTS AND SCIENCES

*Bachelor of Arts*

Abram, W. B.—Art	Jackson, Neeley B.—History
Anderson, Gloria C.—Music	Johnson, Charles E.—Sociology
Brooks, Paul O.—History	Johnson, John H.—Sociology
Craven, Lillie P.—Music	Owens, Verna M.—Music
Fields, Norma D.—Sociology	Reed, Luia Mae—Music
Fuller, Bettye J.—History	Sanders, Edwina—English
Gray, Margaret E.—History	Scoby, Julia M. Daniels—English
Greene, Llwellyn—Sociology	Southall, Gussie M.—Music
Greene, Romaine J.—Sociology	Stevenson, Willeen—English
Hargrove, Isaac—Biology	Sudduth, Robert L.—History
Ingram, Margaret A.—English	Vaughn, Blanche V.—History
	Wilson, Mary E.—Sociology

*Bachelor of Science*

Algee, John A.—Biology	Johnson, Aline W.—Commerce
Bolden, Nesby B.—Chemistry	Jones, Dorista C.—Biology
Carson, Kenneth—Physical Edu.	Kimble, Norma J.—Commerce
Clark, George A.—Biology	Lewis, Charles H.—Physical Edu.
Coffey, Vernon H.—Chemistry	Logan, Nadine Y.—Commerce
Crowell, Bernard G.—Biology	Roe, George B.—Biology
Denton, Annetta J.—Physical Edu.	Sharp, Hugh W.—Biology
Desmuke, Lamar D.—Chemistry	Turner, Dorothy L.—Commerce
Holmes, Clinton J.—Physical Edu.	Watson, Mary Frances—Commerce
Woods, Emma Mae—Commerce	Whitlow, Elwood—Biology
	Younger, Margaret—Mathematics

*Bachelor of Science in Business Administration*

Chappelle, John Henry	Gibson, Helen Elizabeth
-----------------------	-------------------------

## DIVISION OF EDUCATION

*Bachelor of Science in Elementary Education*

Franks, Lucille	Tucker, Nathella W.
Lucas, Eva Dell	Twine, Frances E.
Richardson, Mabel Holbert	Waldon, Joan M.
Thomas, Lucille Grace	Witch, Doris Jean

## DIVISION OF HOME ECONOMICS

*Bachelor of Science in Home Economics*

Beavers, Lennie	James, Dorothy M.
Cobb, Leona D.	Johnson, Mae Kathryn
Evans, Valadean	McDonald, Lillian
Hooks, Bernice	Wilson, Willia Mae

## DIVISION OF MECHANIC ARTS

*Bachelor of Science in Industrial Arts*

Arterbery, Bobbye J.	Grimes, Gbar Aaron
----------------------	--------------------

## TRADE CERTIFICATES

*Brick Masonry*

Green, Mack	Prince, Ulysses
King, Burl	Shields, Calvin
	Stallworth, Allen O.

*Carpentry*

Dilworth, Zilmon	Hall, Gene
------------------	------------

*Cosmetology*

Anderson, Lucille	Walker, Perna
Howard, Myrtle	Westbrook, Joyce

*Commercial Cooking*

James, Dorothy

## SCHOLASTIC AWARDS

*Summa Cum Laude*

Banks, Thurmel L.	Jones, Dorista C.
	Younger, Margaret

*Magna Cum Laude*

Abram, W. B.	Breckenridge, Vernon
Bolden, Nesby	Jackson, Neeley B.
	Kimble, Norma J.

*Cum Laude*

Algee, John	Greene, Llwellyn L.
Chappelle, John Henry	Johnson, Charles E.
Edwards, Henry	Seoby, Julia Daniels
Evans, Valadean	Tucker, Nathella

*With Distinction*

Gibson, Helen E.

## SUMMER CONVOCATION

July 24, 1953

## DIVISION OF ARTS AND SCIENCES

*Bachelor of Arts*

Brown, Annie Mae—Music	Johnson, Elizabeth Ann—English
Dumas, Floyd Earl—History	McDaniel, George Andrew—Biology
Henderson, Kermit Cleon—History	Northington, Wilber Lee—Music
	Washington, Martha W.—History

*Bachelor of Science*

Jackson, Kay Frances—Commerce	Purvey, William—Physical Edu.
	Walker, Ineatha—Mathematics

## DIVISION OF EDUCATION

*Bachelor of Science in Elementary Education*

Brown, Laura A. McFalls	Hanson, Idella Jones
Clark, Mary Jean	Kenerson, Arthenia Nutter
	Thomas, Cora Lee

## DIVISION OF HOME ECONOMICS

*Bachelor of Science in Home Economics*

Rollerson, Myrtle Hazel Lee

## DIVISION OF MECHANIC ARTS

*Bachelor of Science in Industrial Arts*

Price, Howard William	Wedgeworth, Willie Leroy
Rodgers, Frank Eugene	Williams, Cecil

## SCHOLASTIC HONORS

*Magna Cum Laude*

Washington, Martha W.

*With Distinction*

Clark, Mary Jean

Kennerson, Arthenia Nutter