

1947

## Langston University Catalog 1947-1948

Langston University

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Langston University  
G. Lamar Williams, President  
Langston, Oklahoma

# The Langston University Bulletin



Catalogue Edition  
1947---1948

# LANGSTON UNIVERSITY BULLETIN

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VOL. 42

NO. 5

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CATALOGUE EDITION

1947-1948



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### CORRESPONDENCE

Inquiries and letters pertaining to:

- (a) accounts and finances should be addressed to the Financial Secretary.
- (b) general academic procedures and classroom activities should be addressed to the Dean.
- (c) credits, recording and transcripts should be addressed to the Registrar.
- (d) the policies and administration should be addressed to the President.

**SCHOOL CALENDAR****FIRST SEMESTER****1947-48**

- September 3-8—Freshman Week  
September 8—Registration Sophomores, Juniors and Seniors  
September 9—Registration of Freshmen  
September 10—Classes Begin  
September 17—Formal Opening of the University  
November 26—Thanksgiving Holidays Begin at 12:00 Noon  
December 1—Classroom Work Resumed at 8:00 A.M.  
December 19—Christmas Holidays Begin at 5:00 P.M.  
January 5—Classroom Work Resumed at 8:00 A.M.  
January 19—First Semester Examinations Begin

**SECOND SEMESTER****1947-48**

- January 26—Registration for Second Semester  
January 27—Classes Begin  
March 12—Founders Day  
March 26—Easter Holidays Begin at Noon  
March 28—Easter  
March 30—Classroom Work Resumed at 8:00 A.M.  
May 21—Final Examinations Begin  
May 23—Baccalaureate Exercises  
May 26—Commencement  
May 31—Registration  
June 1—Classes Begin  
July 18—Baccalaureate Exercises  
July 23—Summer Convocation

**FIRST SEMESTER****1948-49**

- September 1-6—Freshman Week  
September 6—Registration of Sophomores, Juniors, and Seniors  
September 7—Registration of Freshmen  
September 8—Classes Begin

OKLAHOMA STATE REGENTS  
FOR HIGHER EDUCATION

**Officers of the Board**

Chairman .....	John H. Kane
Vice-Chairman .....	Guy M. Harris
Secretary .....	Dial Currin
Assistant Secretary.....	Guy H. James

**Members**

Clee O. Doggett	Wharton Mathies
John Rogers	M. L. Dudley
Frank Buttram	

**Office Personnel**

M. A. Nash .....	Chancellor
T. G. Sexton .....	Assistant
Vera Dell Donham .....	Secretary
Coleta Nuernberger .....	Bookkeeper

BOARD OF REGENTS  
for the  
OKLAHOMA AGRICULTURAL AND MECHANICAL  
COLLEGES

**Officers of the Board**

Chairman ..... R. T. Stuart  
Vice Chairman ..... Fred Drummond  
Secretary ..... Elmer Harber

**Members**

P. E. Harrill	Earl Russell
Edward T. Davis	John Pat Carpenter
O. L. Lackey	Joe C. Scott

**Personnel**

Helen Sittel, Executive Secretary	S. W. Stone, Auditor
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**STANDING OF THE COLLEGE**

Langston University is fully accredited as a senior college by the State Board of Education and by the Oklahoma State Regents for Higher Education. Upon graduation from this Institution a student may receive a life certificate granted by the State Board of Education, through Langston University. The work at Langston University is recognized by the State Boards of Education in more than 36 of the 48 states.



**OFFICERS****OFFICERS OF ADMINISTRATION**

G. LAMAR HARRISON, Ph.D., President  
 THERESA P. HUGHES, B.S., Secretary to the President  
 R. P. PERRY, Ph.D., Administrative Dean  
 LEROY G. MOORE, M.A., Dean of Instruction  
 C. DEWEY BATCHLOR, M.A., Registrar  
 W. H. MARTIN, 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. SETTLER, M.S., Director, Division of Agriculture  
 R. B. WELCH, M.S., Acting Business Manager  
 W. E. HEBERT, Financial Secretary  
 ELMYRA R. DAVIS, M.S., Librarian  
 MARY E. BUFORD, M.S., Dean of Women  
 JULIUS H. HUGHES, M.S., Dean of Men  
 STACY C. THOMPSON, M.D., University Physician and Health Director  
 C. FELTON GAYLES, B.S., Director of Athletics  
 \*M. C. HILL, Ph.D., Director of Research

**OFFICERS OF ADMINISTRATION AND INSTRUCTION**

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

**President**

Harrison, G. Lamar, A.B., Howard University, 1926; B.E., University of Cincinnati, 1927; M.A., *ibid.*, 1929; Ph.D., Ohio State University, 1936. President (1939).

**Instructional Staff****Professors**

Anderson, H. Edison, B.A., Prairie View; M.A., University of Iowa; Residence work for Ph.D., completed, Columbia, 1946-47.

Professor and Head Department of Music (1945)

Batchlor, C. Dewey, B.S., Bishop College, 1921; M.A., University of Iowa, 1931; Graduate Work, University of Colorado, Summer 1938, 1939, 1940. Registrar and Professor of English (1929).

\*Bellegarde, Auguste Dantes, B. Litt., University of Paris, 1923; B. S. in Agriculture and Veterinary Science, University of Haiti, W.I., 1929; D.V.M., Ohio State University, 1933; M.A., Lu Valle University (Canada), 1947; Candidate for Ph.D., *ibid.*, 1947.

Professor of Modern Languages (1936).

\*On Leave.

- Bellegarde, Ida M., B.A., Omaha, 1936; M.A., *ibid.*, 1938; Candidate for Ph.D., Lu Valle University (Canada), 1947.  
Professor of Social Science (1941)
- Gayles, C. Felton, B.S., Morehouse, 1924.  
Head Coach and Director of Athletics (1930).
- \*Hill, Mozell C., A.B., University of Kansas, 1933; M.A., *ibid.*, 1937; Ph.D., University of Chicago, 1945.  
Professor of Sociology and Director of Research (1937).
- \*Jarrett, Hobart S., A.B., Wiley College, 1936; A.M., Syracuse University, 1937; Graduate Work, Harvard University, 1939-41; 1945-46.  
Professor and Acting Head of the Department of English.
- \*Lawson, James R., B.A., Fisk University, 1935; M.A., University of Michigan, 1936; Ph.D., *ibid.*, 1939.  
Professor and Head of the Department of Physics.
- Martin, William H., B.S., Wilberforce, 1930; B.S., in Education, *ibid.*, 1932; M.A., Ohio State University, 1933; Ph.D., *ibid.*, 1944.  
Professor and Director of the Division of Education (1945).
- Massie, Samuel P., B.S., Arkansas State College, 1938; M.S., Fisk University, 1940; Ph.D., Iowa State College, 1946.  
Professor and Acting Head of the Department of Chemistry (1947).
- Miller, E. A., B.S. in Ind. Eng., Pennsylvania State College, 1923; Graduate Work, University of Colorado, Summer, 1930; Kansas State Teachers College, Summer, 1941; M.S., Ind. Arts, Iowa State College, 1935; Graduate work, Wayne University, Summer, 1942; University of Minnesota, Summer, 1946, 1947.  
Professor and Director of the Division of Mechanic Arts (1927).
- Moore, Leroy G., B.A., Southwestern College, 1917; Graduate work, University of Chicago, Summer, 1920, 1921; M.A., University of Kansas, 1930; Graduate work, Cornell University, 1937-38; University of Kansas, 1944-45.  
Dean of Instruction and Professor of Chemistry (1925).
- Perry, R. Patterson, B.A., Johnson C. Smith University, 1925; M.S., University of Iowa, 1927; Ph.D., *ibid.*, 1939.  
Administrative Dean and Professor of Chemistry (1943).
- Qualls, Youra, A.B., Fisk University, 1937; A.M., Radcliffe College, 1941; Residence work for Ph.D., Completed, Radcliffe, 1942; Further work, *ibid.*, 1945-46.  
Professor of English (1943).

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\*On Leave.

Richards, Eugene S., A.B., New Orleans University, 1928; A.M., Education, University of Southern California, 1931; Ph.D., *ibid.*, 1941.

Professor of Sociology and Head of the Department of Social Science (1943).

Settler, S. H., B.S., Kansas State College, 1926; M.S., *ibid.*, 1934; Graduate Work, Cornell University, Spring, 1940; Winter, 1941.

Professor and Director of the Division of Agriculture (1943).

Tolson, Melvin B., A.B., Lincoln University (Pa.) 1923; A.M., Columbia University, 1939.

Professor of Creative Literature (1947).

Upthegrove, Campbell L., A.B., Indiana State Teachers College, 1932; M.S., *ibid.*, 1933; M.A., University of Southern California, 1937; Ph.D., *ibid.*, 1941.

Professor of History.

Washington, Sadie G., B.S. in H.E., West Virginia State College, 1927; M.A., Columbia University, 1937; Further study, *ibid.*, Summer, 1943.

Professor and Director of the Division of Home Economics (1937).

#### Associate Professors

Allen, Mizura Clement, B.A., University of Iowa, 1927; M.A., *ibid.*, 1940; Graduate work, Wichita University, Summer, 1942; Denver University, 1943.

Commercial Education (1926).

Associate Professor and Head of the Department of Commercial Education (1926).

Breaux, Inman A., A.B., Virginia Union University, 1930; B.S., Springfield College, 1932; M.A., New York University, 1937; Further work, *ibid.*, one semester, 1946.

Associate Professor and Head of the Department of Physical Education (1946).

Buford, Mary S., B.S. in Education, Wilberforce, 1920; M.A., Colorado State College of Education, 1939; Residence requirement for Ph.D. completed, University of Michigan, 1946-47.

Dean of Women (1945).

Gandy, Lenouliah, B.S., Kansas State Teachers College, 1930; M.S., Colorado State College of Agriculture, 1942.

Associate Professor of Home Economics and Itinerant Teacher Trainer (1930).

Holland, Theodis H., B.S., A. & T. College, 1934; M.S., University of Minnesota, 1940; Residence work for Ph.D. completed, *ibid.*, 1945-46.

Associate Professor of Agriculture (1942).

Jones, D. C., B.S., Hampton Institute, 1923; M.S., Cornell University, 1930.

Associate Professor of Agriculture (1942).

Perry, Thelma D., A.B., Howard University, 1925; LL.B., Howard University, 1931; M.A., *ibid.*, 1936; Graduate Study, American University, 1936-38; University of Kansas, Summer, 1939; Residence and Language requirements for Ph.D. completed, University of Chicago, 1944-45.

Associate Professor of History (1942).

#### Assistant Professors

Brown, Eugene Jesse, University of Kansas, 1916-19, Summer, 1929, 1930, 1938; Carnegie Institute of Technology, 1922-24; Kansas State Teachers College, Summer, 1936; A.B., Oklahoma Catholic College, 1941.

Assistant Professor and Head of the Department of Art (1924).

Dillon, Nelle B., Diploma, Tuskegee Institute, 1919; B.S., Prairie View State College, 1927; Advanced Study, University of Southern California, Summer, 1930; Colorado State College, Summer, 1938, 1940, 1941, 1944.

Assistant Professor and Supervisor, Trade & Industrial Education (1938).

Hamilton, Gomez Cortez, A.B., University of Kansas, 1925; M.S., *ibid.*, 1931; Further work, Indiana University, Summer, 1941; Kansas State College, Summer, 1946.

Assistant Professor of Biology (1933).

Hargrove, S. L., A.B., Clark University, 1911; M.S., Kansas State Teachers College, 1943.

Assistant Professor of History (1923).

Hebert, A. C., B.S. in E. E., Kansas State College, 1933.

Assistant Professor of Applied Electricity (1937).

Hendricks, G. H., B.S., Prairie View State College, 1925; Graduate work, University of Chicago, Summer 1933; University of Southern California, Summer, 1934; M.S., University of Iowa, 1941; Further work, Kansas State College, Summer, 1946.

Assistant Professor of Mathematics (1931).

Hughes, Julius H., B.A., Virginia State College, 1940; M.A., University of Chicago, 1945; Further work, *ibid.*, Summer, 1946, 1947.

Assistant Professor of Education and Dean of Men (1945).

Simms, W. E., B.S., Prairie View State College, 1925; M.S., Iowa State College, 1937; Advanced work, *ibid.*, Summer, 1944.

Assistant Professor of Agriculture (1931).

Temple, Jeanette, A.B., Washburn College, 1933; M.A., Northwestern University, 1942; University of Minnesota, 1944; Special work, Emerson College, 1945-46; University of Kansas, 1947.

Assistant Professor of English (1947).

Tillman, Charlie Faver, A.B., Fisk University, 1927; Further Study, University of Chicago, Summer, 1938; A.M., Columbia University, 1942; Further work, *ibid.*, Summer, 1946.

Assistant Professor of Education (1931).

Washington, E. M., B.A., University of Iowa, 1933; M.A., *ibid.*, 1941; Further study, University of Iowa, Summer, 1942.

Assistant Professor of Home Economics (1941).

#### Instructors

Anderson, Edison

Instructor of Carpentry (1939).

Banner, Carolyn, B.S., Langston University, 1940; M.S., University of Minnesota, 1946.

Instructor of Education (Training School) (1940).

Bennett, Clara M., B.S., Langston University, 1942; Graduate Work, University of Iowa, 1945-46.

Instructor of Home Economics (Nursery School) (1944).

Berry, Thelma J., Diploma, Poro College, 1940; Instructor's License, Langston University, 1940; B.S., *ibid.*, 1944; Further Work, University of Southern California, Summer, 1945.

Instructor of Cosmetology (1940).

Bond, James A., Jr., B.S., Johnson C. Smith University, 1938; M.A., University of Kansas, 1942.

Instructor of Biology (1946).

Code, S. G., Diploma, Kansas Vocational School, 1925. Instructor of Tailoring (1925).

Dillon, Mozeal A., B.A., Langston University, 1946; Further Work, University of Nebraska, Summer, 1947.

Instructor of Mechanic Arts (1946).

Dixon, Alvin A., Instructor of Brick Masonry, 1947.

Felder, O. P., A.B., Virginia Union University, 1932; B.D., *ibid.*, 1934; Additional Work, Hampton Institute, Summers, 1932-34; University of Chicago, Summer, 1946.

Instructor of Social Sciences and Director of Religious Activities (1944).

Gilyard, Odell, B.S.A., Langston University, 1937; Further Work, Iowa State College, Summer, 1940.

Instructor of Auto Mechanics (1937).

Harkins, Clarence, B.S., Langston University, 1946.

Instructor of Tailoring (1947).

Isaac, Otis, Diploma, Tuskegee Institute, 1927; Further Study, Colorado State College, Summer, 1940; B.S., Catholic College of Oklahoma, 1941.

Instructor of Shoemaking (1933).

- \*Jarrett, Gladys Wynne, B.S., Hunter College, 1936; M.A., Columbia University, 1937.  
Instructor of Modern Languages (1946).
- Jones, Lucille W., B.S., Langston University, 1938; M.A., Columbia University, 1947.  
Instructor in English (1947).
- Jordan, Grant L., B. S., Langston University, 1938; Further study Kansas State Teacher's College, Emporia, Kansas, 1947.  
Instructor of History (1947).
- Lampton, John, B.S., Education, Langston University; B.A. in English, Catholic College of Oklahoma, 1938; Further Study, University of Chicago, Summer, 1933, 1935, 1943, 1945.  
Instructor of English (1937).
- Lee, Joseph S. P., B.S., Langston University, 1947.  
Instructor of Music (1945).
- Lewis, Alonzo, B.S., Langston University, 1915; Graduate Study, University of Iowa, Summer, 1927; Northwestern University, Summer, 1930-37; American Conservatory of Music, (1945-46).  
Instructor of Music, (1938).
- Moore, Mary K., A.B., Akron, 1945; M.A., Columbia, 1947.  
Instructor of Piano (1947).
- Moore, Theresia B., B.S., Langston University, 1929; M.S., Kansas State Teachers College, 1937; Colorado, Summer, 1947.  
Instructor of Education (1944).
- Parker, Almeda C., B.S., Langston University, 1940; M.S., University of Southern California, 1945; University of Denver, Summer 1947.  
Instructor of Secretarial Science (1943).
- Penman, Cleola B., B.S., Langston 1945; Graduate Work, Loyola University (Chicago), Summer, 1947.  
Instructor of Commerce (1945).
- Pollard, Jennie L., A.B., Fisk University, 1927; M.A., Western Reserve, 1937; Certificate, American Academy of Drama, 1935; Further work, L Academie' francaise, 1930; Northwestern School of Speech, 1943.  
Instructor of Modern Languages (1946).
- Pyle, Alphonzo S., B.S. in Industrial Arts, 1939; Graduate Work, Summer 1941, University of Southern California.  
Assistant Coach and Instructor of Industrial Arts (1945).
- Pyle, Malinda York, A.B., Langston University, 1937; Graduate Work, Summer, 1941, University of Southern California.  
Instructor of Art (1946).
- Stephens, Louise C., A. B., Langston University, 1943; M.A., Northwestern University, Evanston, Illinois, 1946.  
Instructor of Education (Training School).

- Williams, Bobbye L., A.B., Tillotson College, May 1947.  
Assistant in Spanish (1947).
- Simms, Eunice A., B.S., Langston University, 1934; Further Study, University of Southern California, Summer, 1945, 1946, 1947.  
Instructor of Education (Training School) (1945).
- Taylor, Amelia Robinson, A.B., Langston University, 1937; M.M.E., University of Kansas, 1943.  
Instructor of Music (1945).
- Welch Constance D., B.S., West Virginia State College, 1936; Graduate Work, University of Minnesota, Summer, 1939.  
Instructor of Physical Education (1937) (1946)

#### Other Officers of Administration and Employees

- Anderson, Arthur  
Assistant Laundry Helper.
- Anderson, Edison  
Supervisor of Construction and Repairs (1939)
- Beck, Leslie  
Superintendent of Buildings and Utilities (1937)
- Bell, Opal Mae, B.S., Langston University, 1945.  
Claim Clerk, Finance Office (1945)
- Brownlow, Octavia McNeil, B.S., Langston University, 1944.  
Assistant Registrar (1945).
- Bunn, Esther Stephens, R.N., Freedmens Hospital, 1930; Advanced work, University of Minnesota, 1938.  
Assistant Nurse (1944).
- Callahan, Loletta Finley, Diploma, Los Angeles Business College, 1943.  
Agricultural Extension Clerk (1944).
- Campbell, A. C.  
Farm Hand.
- Cooper, George  
Custodian (1946)
- Goodlow, Ethel W.  
Supervisor, University Laundry (1935).
- Gude, Jimmie Dalton, B.A., Oklahoma Catholic College, 1942.  
Clerk, Finance Office (1946).
- Grant, Dorthola F., B.A., Talladega, 1946.  
Assistant Librarian (1946).
- Harris, J. M.  
Receiving Clerk (1929)

- Hebert, W. E.  
Chief Clerk (1931).
- Hughes, Theresa Palmer, B.S., Hampton Institute, 1937.  
Secretary to the President (1943).
- Jones, A. B., R.N., Provident Hospital, 1915.  
Nurse, University Health Service (1939).
- Jordan, George W., B.A., Morehouse, 1943.  
Clerk, Finance Office (1946).
- Jordan, Ruby V., B.S., Langston University, 1945.  
Secretary, Trades and Industrial Education (1947).
- Latimer, Alice E., B.S., Langston University, 1946.  
Supervisor of Foods (1944).
- Lee, Elnora K., B.S., Langston University, 1946.  
Matron (1945).
- McIntyre, Imogene Olivett, B.S., Langston University, 1946.  
Secretary, Registrar's Office (1946).
- Martin, Gladys D., B.S., Philander Smith, 1942; Further Work, Ohio State University, Winter and Summer, 1943, 1947.  
Secretary to the Administrative Dean (1946).
- Moss, E. H.  
Utility.
- Pike, F. de Lisle, F.Th. Soc., Lady Neico Institute, 1910; Technical and Mechanical Institute, 1912; Bishop Payne Divinity School, 1930.  
Resident Supervisor of Men (1947).
- Pike, Octavia, Miss Hernell's School for Girls; Miller Lavern School of Religion, 1928, 1934.  
Matron (1945).
- Scarborough, W. L.  
Yards.
- Scott, Isabel  
Assistant Matron (1946).
- Seward, Lillie Stallworth, B.S., Langston University, 1940; Graduate Work, University of Iowa, 1945.  
Cashier and Accountant, Finance Office (1940).
- Shelton, Harry  
Night Watchman.
- Smith, Edith R., B.S., Langston University, 1939.  
Secretary, Division of Agriculture (1944).



Stewart, M. J., Howard University, 1907.

Matron (1946).

Thompson, Stacy C., M.D., Meharry Medical College, 1918. University Physician and Health Director (1929).

Welch, R. B., B.S., Langston University, 1933; M.A., Northwestern University, 1941.

Acting Business Manager (1936).

Wicks, Marjorie J., B.S., Langston University, 1946.

Secretary to the Dean of Instruction (1946).

Williams, Dorothea F., B.A., North Carolina College for Negroes, 1944; Further Study, University of Minnesota, 1945-46.

Assistant Librarian (1946).

Williams, Ernestyne A., Tuskegee Institute, 1933.

Supervisor of Dining Hall (1944).

Williams, Faustina E., A.B., Knoxville College, 1942; B.S. in Library Science, Atlanta University, 1946.

Assistant Librarian (1946).

Williams, Fred

Custodian.

Young, B. L., B.S., Langston University, 1938.

Assistant Matron and Supervisor of University Canteen (1938).

#### **Veterans Administration Guidance Center**

M. C. Parks, B.S., Wichita, Chief

R. B. Boyd, B.S., Langston University, Training Officer

Julius H. Hughes, M.A., Chicago, Counselor

William H. Martin, Ph.D., Ohio State University, Counselor

Muriel Brown, B.A., Langston University, Psychometrist

Leroy G. Moore, M.A., Kansas, Dean of Instruction

R. P. Perry, Ph.D., Iowa University, Administrative Dean

Norvella Hicks, Secretary.

## VOCATIONAL AGRICULTURE TEACHERS

Ashley, L. G. ....	Boley
B.S.A., Langston University	
Brown, E. D. ....	Sand Springs
B.S.A., Langston University	
Burton, L. E. ....	Chandler
B.S.A., Langston University	
Clegg, James R. ....	Geary
B.S.A., Langston University	
Collins, Charles ....	Holdenville
B.S.A., Langston University	
Ccooper, Clarence C. ....	Luther
B.S.A., Langston University	
Factory, Fred ....	Watonga
B.S.A., Langston University	
Gamble, Marshall E. ....	Hennessey
B.S.A., Langston University	
Haynes, W. J. ....	Ada
B.S.A., Langston University	
Hicks, Matt ....	Boynton
B.S., Langston University	
M.S., Colorado State College	
Holt, Cecil G. ....	Wewoka
B.S.A., Langston University	
Jenkins, J. M. ....	Oklahoma City
B.S.A., Langston University	
M.S., Colorado A. & M. College	
Johnson, Garfield ....	Broken Bow
B.S.A., Langston University	
Lewis, T. R. ....	Sapulpa
B.S.A., Langston University	
Marshall, Wm. ....	Hugo
B.S.A., Langston University	
Moore, Thurman H. ....	McAlester
B.S.A., Langston University	
Parker, Willie B. ....	Choctaw
B.S.A., Langston University	
Parker, W. G. ....	Muskogee
B.S.A., Langston University	
Patterson, Geo. W. ....	Colbert
B.S.A., West Virginia State College	
Scott, Albert L. ....	Idabel
B.S.A., Langston University	
Taylor, John E. ....	Dover
B.S.A., Langston University	
Word, Geo. O. ....	Shawnee
B.S.A., Langston University	

## EXTENSION SUPERVISORS

Brocks, Paul O. ....	Langston
B.S.A., Kansas State Agricultural College	
District Agent	
Hewlett, Helen M. Fowler .....	Langston
B.S., Rust College	
District Home Demonstration Agent	
Taylor, J. E., Sr. ....	Langston
B.S., Alcorn A. and M. College	
Assistant State Farm Labor Supervisor	
Callahan, Loletta Finley .....	Langston
Secretary	

## COUNTY AND HOME DEMONSTRATION AGENTS

Abram, J. B. ....	Carter
B.S.A., Langston University	
Ashley, Clemon D. ....	Creek
B.S.A., Langston University	
Bruner, Columbus C. ....	Lincoln
B.S.A., Langston University	
Black, Thomas H. Jr. ....	Logan
B.S.A., Langston University	
Floyd, J. G. ....	Seminole
Diploma, Langston University	
Hall, Curtis J. ....	Choctaw
B.S.A., Langston University	
Lilly, D. P. ....	Okmulgee
B.S.A., Kentucky State College	
Paul, Otha A. ....	Okfuskee
B.S.A., Tennessee State College	
Robinson, Booker T. ....	Oklahoma
B.S.A., Langston University	
Sypert, Frank .....	McIntosh
B.S.A., Langston University	
Watlinton, J. M. ....	Muskogee
B.S.A., A. and T. College, Greensboro, N. C.	
Word, B. M. ....	Wagoner
B.S.A., Langston University	
Johnson, C. E.—County Agent at Large .....	Boley
B.S., Alcorn A. & M. College	
Further study, Iowa State College	

COUNTY HOME DEMONSTRATION AGENTS

Anderson, Anna L. ....	Okmulgee
Diploma, Spelman College, Atlanta, Ga.	
Bell, Thelma .....	Wagoner
Langston University, B.S.	
Boone, Matye C. ....	Muskogee
B.S., Home Economics, Kansas State Teachers' College Pittsburg, Kansas	
Foster, Luvella .....	Choctaw
Diploma, Texas College	
Graves, Willie P. ....	Seminole
B. S. Home Economics, Langston University	
Hendricks, Mary .....	McCurtain
B.S., Alcorn A. & M. College	
House, Rosa J. ....	Logan
B.S., Kansas State Teachers' College Pittsburg, Kansas; Graduate work, ibid.	
Johnson, Evelyn .....	Oklahoma
B.S., Hampton Institute	
Jordan, Arthur Ray .....	Lincoln
Philander Smith College, B.S.	
King, Hazel O. ....	Creek
Diploma, Langston University	
King, Jewell .....	McIntosh
B.S., Langston University	
King, Naomi .....	Tulsa
B.S., Langston University	
McCain, Lula B. ....	Okfuskee
Diploma, Kansas	
Nellum, Arquilla .....	Carter
B.S., Prairie View College	

## GENERAL INFORMATION

### 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.

## HISTORICAL STATEMENT

### 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. Ausley, 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. W. 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 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.

Upon the establishing of the Institution and the adopting of the final plans for the opening of 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

### Agricultural Buildings

This group of buildings was erected in 1941. The group includes the Agricultural Engineering Building, Dairy Barn with a modern pasteurizing unit, two Silos, and a Poultry House.

Appropriations are now available for the erection of the Beef-Cattle Barn, and additional funds may soon be available for the erection of a Horse Barn.

In 1942 the University began the building-up of a Beef-Cattle herd by purchasing registered Hereford cattle from the Turner Ranch, Sulphur, Oklahoma.

In the fall of 1943 the University purchased a registered Hereford bull, T Royal Rupert 118th, sired by Hazford Rupert 81st. The bull owned by the University is a brother to the T Royal Rupert 99th which recently sold for \$38,000.

### **Gymnasium**

The Gymnasium is a large and spacious building, the central portion of which is used for physical education, the west portion for office and store room of gymnastic fixtures, and the east portion for music studio.

### **Central Heating Plant.**

This unit provides heat for the University.

### **Home Economics Cottage.**

A modern stone structure was erected in 1930, to provide a house for the major students in the department of Home Economics. It provides ample opportunity for young women to learn the science and technique of home making.

### **Industrial Arts Building.**

A one and one-half story brick and concrete structure housing all of the shops.

### **Infirmary.**

Erected in 1940. This structure is a one story brick building and will accommodate twenty-one (21) students.

### **Laundry.**

The University has a complete laundry unit housed in a separate building.

### **Marquess Hall.**

This Dormitory is a two story brick building which provides space for ninety-six men.

### **New Tailor Shop.**

Erected in 1940.

**Nursery School.**

The Nursery School now occupies what was previously the school's infirmary.

**Page Hall.**

Page Hall is a two-story brick and stone building with basement, named in honor of Inman Page, the first President of the University. It houses the Secondary School, and the Library.

**Phyllis Wheatley.**

A dormitory for women. It was built in 1903 and was modernized in 1940.

**Poultry Plant.**

A modern one story brick building erected in 1941.

**President's Home.**

Situated on the southwest corner of the campus is a red brick structure well suited for convenience and comfort of the President's family.

**Sanford Hall.**

The largest of the three Women's dormitories, Sanford Hall was erected in 1937. It is a three story brick building with modern equipment which accommodates one hundred fifty-six (156) women.

**Science and Agriculture Building.**

This is one of the newer buildings on the campus, a three-story brick building constructed in 1940. This building houses the Department of Natural Science and Agriculture.

**Teachers' Homes.**

Through the generosity of the General Education Board, six cottages for teachers, were erected along the south front of the campus.

**Training School Building.**

Finished in 1928 is a one-story brick and concrete structure, conveniently designed for accommodating about one hundred pupils. It offers modern facilities for practice work in teaching.

**University Men.**

A three story brick building to which two additions have been made, this accommodates one hundred four men.

**University Women.**



A girl's dormitory erected in 1928. It is a modern building and can easily accommodate one hundred students.

1. **ADMISSION AS FRESHMAN.** Students desiring admission to the freshman class should write the Registrar for an **Application for Admission** blank. Part one should be filled out by the prospective student. Part two should be filled out by the high school Principal who should mail the blank to the **Registrar, Langston University.** This should be done not later than September first.

2. 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, will be admitted to regular freshman college standing unconditionally. The fifteen units should include three to four in English, one to two in Mathematics, one in American History, and one in natural Science. By accredited high school work is meant that which, if done in this state, is approved by the Oklahoma State Board of Education, or, if done in another state, that which is approved by the State Board of Education of that state or the official accrediting agency of that state.

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

4. Every student who is admitted to freshman college standing will be required to take a standard intelligence test and a standard test in English.

5. **ADMISSION TO ADVANCED STANDING**—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. Any student who transfers from such an institution and has earned in excess of ninety semester hours, shall, regardless of that fact, be required to complete a minimum of thirty semester hours (one academic year) of work in residence at this institution.

No student 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. He must also have the signed approval of the head of the department.

Students transferring from non-accredited institutions must complete one semester's work (sixteen semester hours) in residence at this institution before advanced standing shall be given. Complete official transcripts of credit records must be presented on or before the date of registration.

6. **JUNIOR COLLEGE WORK.** Work completed in an accredited Junior College may be accepted toward meeting requirements for graduation or

for certification. A graduate of a Junior College may transfer not more than sixty two semester hours of college work.

7. **REGISTRATION REQUIREMENTS.** Registration after prescribed days is subject to a late registration fee of \$2.00. In addition to the late registration fee a student may be required to carry a reduced study load.

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

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

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

d. Reduced study loads may be scheduled because of (1) outside work and (2) ill health.

8. **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 of class work in either semester will not be included in 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 college, the instructor will be asked to report provisional grades indicating the quality of work at the time of withdrawal.

9. **STUDY LOAD.** The normal load shall be fifteen semester hours. A student with a scholastic average of "B" or better may upon permission of his advisor and approved by the dean, take not more than 18 academic semester hours.

10. **CLASS ATTENDANCE.**

a. Students are expected to attend all classes and not to be absent without adequate reasons. An absence may be considered excused only when covered by a written administrative statement or by a certificate of protracted illness. In case of sick certificate, such statements must be issued or countersigned by the school physician, or nurse.

b. When a student has unexcused absences in any course, during one semester amounting to one or more than twice the number of credit hours, such student shall be excluded from the course, and a failing grade shall be recorded.

**Explanation:** In a four-hour course, eight unexcused absences shall be allowed; in a three-hour course six unexcused absences shall be allowed, etc.

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

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

11. CLASS PERIODS. The regular lecture-recitation class period is sixty minutes in length, including time for transition. Laboratory periods are one hundred twenty minutes in length.

12. CREDIT. Credit for courses is given in terms of semester hours. A semester hour of credit is given for the equivalent of one class period per week for a semester of eighteen weeks.

13. MARKING SYSTEM.

A—Excellent—90-100%

B—Good—80-89%

C—Fair—70-79%

D—Poor—60-69%

F—Failure—Below 60

I—Incomplete. An Incomplete becomes "F" if not removed before the end of the next period of registration.

W—Withdrawal.

WF—Withdrawal with mark "F"

P—Passed

14.—GRADE POINTS

Three points are given for each hour of mark A, 2 for B, 1 for C, 0 for D, minus 1 for F and FW.

A student must make as many grade points as the number of hours required for graduation for his chosen curriculum.

15. SCHOLARSHIP. 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 the semester, he will be dropped for poor scholarship, for one semester.

Freshmen students who earn less than 20 grade points for the year are placed on scholastic probation. If at the end of their second year they have accumulated less than 45 grade points, they will be dropped from the institution. Students who are dropped from the institution for failure to earn the minimum number of grade points will not be permitted to enroll for work of the senior college level until the student evidences by tests his ability to do work of the advanced level.

16. EXAMINATIONS. Regular examinations designed to test the entire work of the course are held at the close of each semester. Students are

required to take all tests and examinations. 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 the college. In case of illness the student should present a doctor's certificate or one from the university nurse.

17. Courses in the 100 and 200 series are intended primarily for freshmen and sophomores. Those numbered in 300 and 400 series are primarily for Juniors and Seniors.

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

18. CLASS STANDING is determined as follows: Less than thirty-two semester hours, Freshman; thirty-two to sixty-two, Sophomore; sixty-three to ninety-three, Junior; more than ninety-three, Senior.

#### **Freshman Week**

All freshmen are required to be present during the days designated as Freshman Week.

The University sets aside at least six days as Freshman Week at the beginning of each academic year in order to assemble the freshmen before the rush of the general registration. The purpose of this program is to make the students acquainted with one another, the physical plant, rules and regulations, objectives and organization of the University. During this period the freshman receives a physical examination, is assigned to advisers, and takes all placement and achievement tests. Other features of the program include a "talent night" and a series of teas and receptions.

Freshman Week is followed by a series of freshman lectures, meeting once a week, and scheduled throughout the entire first semester. Attendance at these lectures is required of all freshmen. No student will be given credit for having completed the freshman year until a satisfactory grade in freshman lectures is recorded in the Registrar's Office.

#### **Summer Session**

The Summer Session of Langston University offers unusual opportunities to students who desire to shorten their collegiate courses and to in-service teachers who wish to complete the requirements for a degree or meet the State requirements for certification to teach in elementary or high schools. Excellent opportunities, too, are provided for persons who seek refresher courses in certain fields. Workshops and conferences are always special features of the summer program.

The regular Summer Session extends over a period of eight weeks, giving a maximum of eight semester hours credit.

#### **Six-Week Session**

The University offers a special six-week program during September and October for teachers who cannot take full advantage of the regular summer session. A limited number of courses is offered and the maximum credit allowed amounts to six semester hours. Teachers who wish to register in this program should make application in August, stating the specific course or courses in which they wish to enroll.

#### **University 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 and the bulletin of the Summer School. On occasions, the general catalog appears as a research bulletin.

The University sponsors and publishes **The Southwestern Journal**, a quarterly periodical devoted to scholarly research, book reviews, and significant events in academic circles. **The Langston Review** is a student newspaper, sponsored by the University and directed by a student staff of editors.

#### **Scholarships and Prizes**

Prizes and awards are offered by organizations and individuals interested in furthering high scholarship in the University.

1. President G. L. Harrison offers a scholarship of \$50.00 to the entering freshman who excels in the achievement and placement tests taken at the time of entrance.

2. The Langston University Alumni Association offers three scholarships amounting to \$50 each to (1) the freshman maintaining the highest scholastic average during two consecutive semesters, (2) the sophomore maintaining the highest scholastic average during two consecutive semesters, and (3) the junior maintaining the highest scholastic average during two consecutive semesters.

The scholarships are awarded at the end of the regular academic year and students winning either of the awards must return to the University not later than the beginning of the second semester of the next regular year.

3. **THE G. L. HARRISON MEDAL**—To the student with the best average and adaptability in the graduating class of the division of agriculture rated as the honor student graduating in the division.

4. The Evelyn Pittman Choir Music Scholarship. A fifty dollar scholarship awarded annually to the most outstanding major in Music in the Junior Class.

### DEPARTMENTAL CLUBS

1. THE AGGIE CLUB—A club comprised of young men in the division of Agriculture.
2. THE MECHANICAL CLUB—Students majoring in some phase of industrial arts are eligible for membership in this club.
3. HOME ECONOMICS CLUB—
4. THE CHEMISTRY CLUB—A study club made up of students majoring in chemistry.
5. THE DEBATING SOCIETY.
6. LANGSTON UNIVERSITY DRAMATIC CLUB.
7. THE SOCIAL SCIENCE CLUB.
8. THE INTERNATIONAL RELATIONS CLUB.

### SOCIAL CLUBS

1. TRI ZETA 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 the correct channels and to develop initiative and leadership.
2. IOTA BETA CHI 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.
3. PHILORATI CLUB.

### FRATERNITIES AND SORORITIES

Undergraduate chapters of seven national Greek-letter organizations are recognized by the University. They are the following:

1. Alpha Phi Alpha—Beta Kappa
2. Kappa Alpha Psi—Alpha Phi
3. Omega Psi Phi—Phi Psi
4. Iota Phi Lambda—Delta Gamma
5. Alpha Kappa Alpha—Alpha Zeta
6. Zeta Phi Beta—Lambda Alpha
7. Delta Sigma Theta—Beta Upsilon
8. Lambda Omicron—Alpha

### CHRISTIAN ORGANIZATIONS

The Y. W. and Y. M. C. A. are free, voluntary, non-denominational fellowships of students and faculty members whose purposes are to follow the true commandments of Jesus that men establish a father-son relation to God and a brotherly relation to man.

It is affiliated with the State, Regional, National and International Movement of Christian Organizations.

Its program comprises a weekly cabinet meeting, a bi-monthly membership meeting, a weekly worship service, forums, book reviews, discussions on religious, social, educational, and community problems.

Each student should affiliate himself with this organization.

### STUDENT LOANS

Three funds are available for student loans.

The Alumni Loan Fund is provided by the general Alumni Association and is available to students who find themselves in need of small sums for books, supplies and other incidentals.

Beta Iota Sigma Chapter of the Delta Sigma Theta Sorority maintains a fund for small emergency loans to students.

The John E. Buford Memorial Fund was established by the family of the late John E. Buford and is available for loans to students doing passing work on or above the sophomore level.

### MUSICAL ORGANIZATIONS

The Organizations of the Department of Music are as follows:

- The University Service Choir.
- The University Men's Quartette
- The University Men's Chorus
- The University A Capella Choir
- The University Women's Sextette
- The University Band

### STUDENT ORGANIZATIONS

1. **STUDENT COUNCIL.** The student body is self governed. This is accomplished through an organization known as the Student Council. The organization has a constitution and by-laws, and is under the supervision of the faculty.
2. **THE WOMEN'S COUNCIL.** An organization composed of the heads of student women's groups. Its chief function is to assist in the directing of all activities of women students. This group has as consultants, a faculty Sponsor and the Dean of Women.

### HEALTH SERVICE

All students entering school are expected to have adequate health to enable them to carry out the school's activities and requirements.

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.

All students living in the dormitories are expected to eat in the dining room.

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

Student 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.

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.

In co-operation with the State Health Department and the Logan County Health Unit, a free clinic is held for the treatment of all social diseases. For their own benefit, all students and employees of the school are urged to have a blood test, etc.

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

### ATHLETICS

Langston University sponsors Inter-collegiate competition in the following sports: Football, Basketball, Track, and Tennis.

The University holds membership in the Southwestern Athletic Conference.

Athletics are controlled by the Athletic Council which is composed of three faculty members, one student, and one Alumnus.

### THE LIBRARY

The library is housed in the entire north section of the first floor of Page Hall, one half of the south section, and one room for stack expansion of the second floor of the north side. It is composed of a work room, main reading room, reference room, reserved book room, high school



reading room, and a War Information Library. The potential seating capacity is 184 for college students and 30 for the high school reading room.

The book collection contains approximately 13,000 volumes including selections representing all of the departments of instruction, general materials, and recreational materials. The War Information Library has a collection of materials dealing with the several aspects of the war as carried on by the United Nations.

The library has become a selected depository for government documents, and several volumes of outstanding government publications are now on its shelves.

The library currently receives 247 magazines, and 13 daily and weekly newspapers.

#### **EMPLOYMENT FOR STUDENTS**

A very limited number of students are granted work during the summer at the University for which work credit is given on his entrance fees and monthly expenses. A certain number of students are engaged by the University for part-time employment in the dormitories, on the grounds, as assistants in the laboratories, library, and offices, and as waiters in the dining room, and assistants in the laundry. The employment service seeks to aid deserving students with their college expenses, and no student will be permitted to hold a job unless he passes in at least seventy-five per cent of his academic work. Persons who fail to live up to these requirements will be replaced without further notice. Those who wish to make application for student employment should communicate with the Chairman of Student Employment Committee.

#### **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 payment of registration fee, maintenance cost, or any other charges set by the institution should be made either by money order, certified checks, or currency; however, currency should not be sent through the mail, unless registered. Such payments 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 semester or summer session 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**

As provided for in House Bill 161, Twenty-first Session of the Oklahoma Legislature, the Regents at their meeting June 27, 1947, approved the following fees:

- A. Non-resident Fee—per semester .....\$ 96.00
- B. General Fee (Residents of Oklahoma) per school year ..... 66.00  
 (The usual registration, enrollment, or incidental fees; library and health fees; academic course fees; and laboratory fees such as for chemistry, physics, biology, home economics, typewriting, etc., (not excluding other items), would be considered as paid by this General Fee. Any services not covered under "B" are to be listed under "E" below.)
- C. Correspondence, Extension (per semester hour) ..... 5.00
- D. Refunds to resident students who withdraw:  
 During the first 2 weeks a 75% refund  
 During the 3rd and 4th weeks a 50% refund  
 During the 5th and 6th weeks a 25% refund  
 Thereafter, no refunds.  
 A state property deposit of \$5.00 is refunded at the end of the year, or when a student is withdrawing from school, upon presentation of a departure notice from the Dean of Men or Dean of Women, stating that the state property has not been damaged.  
 The key deposit of \$0.75 is refunded when the key has been returned to the finance office at the end of the school year, or summer session.
- E. Private lessons in fine arts courses, such as speech and applied music, \$18 per semester hour credit.  
 Studio and instrumental rental, \$3 per semester.  
 Aviation flight courses, \$8 per hour for dual flight for minimum of 30 hours, \$7 per hour for solo flight for a minimum of 30 hours.  
 Car driving course, \$6.  
 Changing enrollment, \$0.50; Late enrollment, \$1.00; Re-enrollment after withdrawal, \$1.00; Locker, \$1.00; Towel, \$1.00; Copy of Transcript, \$1.00; Certificate Fee, \$1.00; Audit (without credit) per course, \$1.00.  
 Graduation, diploma, etc. .... 5.00  
 Agriculture ..... 6.00  
 Art ..... 3.00  
 Auto Mechanics ..... 8.00

Carpentry .....	8.00
Commercial Dietetics .....	5.50
Cosmetology .....	5.50
Electricity .....	8.00
Mechanical Drawing .....	5.00
Photography .....	8.00
Private, Personal Tutoring—per clock hour .....	2.00
Radio .....	8.00
Shoe Repairing .....	8.00
Tailoring .....	8.00

A budget of \$400.00 per year for room, board and miscellaneous expenses will enable a student to live comfortably at the university. Some students live on less. However, due consideration should be given to health.

Room and board will range from \$33 to \$35 per month for 9 months of 28 days each payable in advance on the first to the fifth of each month.

A schedule of charge is as follows:

Federal Dormitories—\$35 per month for front rooms  
—\$34 per month for rear rooms

State Dormitories—\$34 per month for front rooms  
—\$33 per month for rear rooms

#### Schedule for Charges for Students Carrying Less Than 12 Semester Hours

A. Non-resident Fees:

Regular Semesters .....	\$8 per hour
	maximum \$96
	minimum \$40
Summer Session .....	\$8 per hour
(long or short terms)	maximum \$64
	minimum \$32

B. General Fees:

Regular Semesters .....	\$3 per hour
	maximum \$33
	minimum \$15
Summer Session .....	\$3 per hour
	maximum \$24
	minimum \$12

#### 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 basic areas of service are as follows:

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 Mechanical Arts

Departments of instruction are listed elsewhere in the catalogue under each of the five divisions.

### REQUIREMENTS FOR GRADUATION

The College offers the Degrees of B. A., B. S., B. S. in Agriculture, B. S. in Education, B. S. in Home Economics, B. S. in Industrial Arts, B. S. in Industrial Engineering, and B. S. in Business Administration.

1. All financial obligations to the college must be settled in full before a candidate is placed on the eligibility list for graduation.
2. To receive a Bachelor of Arts degree the student must choose a major from one of the following:

**Art**

English

History

Music

Political Science

Sociology

3. To receive a Bachelor of Science degree the student must choose a major from one of the following:

Biological Science

Business

Chemistry

Commerce

Mathematics

Physics

4. The minor should be selected on the advice of the Major Department.
5. For the B. S. Degree in the specialized fields of Agriculture Business Administration, Commerce, Elementary Education, Home Economics and Industrial Arts, see curricula as outlined.
6. Thirty additional hours after graduation must be completed before another degree can be conferred.
7. Four hours of Physical Education are required of all students.
8. Minimum hours required for graduation, 124, including Physical Education, and 120 grade points.
9. Work not to exceed thirty hours may be completed by correspondence and Extension. Not more than fifteen hours of work in the major and minor fields may be completed by correspondence and extension.
10. Students who major in Fine Arts are exempted from the Natural Science and Mathematics requirements.
11. At least forty-five percent of the hours presented for graduation must be work on the Senior College level (courses numbered 300 or 400).
12. The last eight hours must be done in residence.
13. Thirty-six weeks of residence work with not less than thirty semester hours of credit are required on all degrees.
14. The curricula are so arranged as to satisfy State requirements in the elementary and secondary teaching fields.

15. Students completing the requirements for graduation in the field of Elementary Education with a Life Certificate will receive the B. S. degree in Education.
16. Students completing the curriculum in Agriculture will receive the degree of B. S. in Agriculture.
17. Students completing the curriculum in Home Economics will receive the degree of B. S. in Home Economics.
18. Students completing the curriculum in Industrial Arts will receive the degree of B. S. in Industrial Arts.
19. Students completing the requirements for graduation with a Life Certificate in a secondary teaching field will receive the degree corresponding to the major field selected.
20. See advisor for major requirements for the B. A. or B. S. degree with or without the teacher's certificate.
21. Curriculum substitutions may be made on recommendation of the Head of the Department and by approval of the Dean of the College.

#### DEGREE WITH HONORS

The degree of Bachelor of Arts, or Bachelor of Science may be granted with Cum Laude, Magna Cum Laude, or Summa Cum Laude.

#### REQUIREMENTS FOR HONORS OF DISTINCTION

Cum Laude: May be granted to the candidate having no grade below D, and an average grade point of 2.00. Magna Cum Laude may be granted to the candidate having no grade below D, and an average grade point of 2.40. Summa Cum Laude may be granted to the candidate having no grade below D, and an average grade point of 2.70.

Note: (1)—To be eligible to graduate with "honors", a student must do four years of work in residence in this University. Students who do less than a hundred and twenty hours of work in residence may graduate with "distinction" on the basis of honor grade points.

Note: (2)—The names of all students making an average of A or B during any semester, are announced to the student body and the general public.

## 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 crop 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, the farm home, and the rural community. The teaching is not so much 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 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; wood land pasture and idle land, approximately 39 acres; garden 9 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—agricultural high school teachers, extension

Fundamental subjects common to all curricula are English, Chemistry,



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 a more routine nature allied with the promotion of teacher training practices. Membership in which is predicated on former standing in a high school chapter. Membership in one of which 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 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 127 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 advisor 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 127 hours required for graduation.

A comprehensive examination in general will be given by the agricultural faculty to all seniors at the beginning of the second 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**

	First Semester	Second Semester
Chem. 101-102, Chemistry .....	3	3
Engl. 101-102, English Comp. ....	3	3
A. P. 141-142, Farm Poultry .....	2	3
Ag. 101-102, Field Crops—Forage Crops .....	3	2
Ag. Eng. 161, Farm Shop .....		2
A. P. 131-132, Breeds and Types—Farm Meats.....	3	2
Physical Education, 101-102 .....	1	1
	<hr/>	<hr/>
Total.....	15	16

**SOPHOMORE**

	First Semester	Second Semester
Math. 200, Ag. Math .....		3
Hort. 211-212, Landscape Gardening—Vegetable Garden .....	3	3
A. P. 232-233, Farm Dairying—Dairy Cattle.....	2	2
Ag. Eng. 162, Farm Power .....	2	
Biol. 251, Botany .....		4
A. P. 243, Hatchery and Chick Management.....		2
Ag. Eng. 261-262, Domestic Engineering—Farm Machinery .....	2	2
Chemistry 311, Organic .....	5	
Physical Education 201-202 .....	1	1
	<hr/>	<hr/>
Total.....	15	17

## TECHNICAL AGRICULTURE

## JUNIORS

	First Semester	Second Semester
Ag. 304-306, Soils—Soil Management .....	3	3
Hort. 315-318, Plant Physiology—Plant Pathology .....	3	3
A. P. 331, Feeds and Feeding .....	3	
Sci. 354, General Entomology (330B) .....		3
Ag. 303, Agricultural Bacteriology (350) .....	3	
Ag. Eco. 371, Farm Credits and Agricultural Adj. ....	2	
A. P. 332, Livestock Management .....	3	
A. P. 437, Swine Production .....		3
Electives .....	0	3
	<hr/>	<hr/>
Total.....	17	15

## SENIORS

	First Semester	Second Semester
Ag. 404, Genetics .....		3
Ag. Eco. 472-473, Marketing Farm Products, Farm Management .....	2	3
Ag. Eco. 474, Farm Records and Accounts .....		2
Electives .....	14	8
	<hr/>	<hr/>
Total.....	16	16

## AGRICULTURAL EDUCATION

## JUNIORS

	First Semester	Second Semester
Soils—304, Materials and Agencies—402 Con- servation .....	3	4
A. P. 331, Feeds and Feeding .....	3	
Ag. 303, Bacteriology .....	3	
Ag. Ed. 352, Vocational Education; 353, Special Methods .....	2	2
Ag. Ed. 354, Evening and Part-Time School.....		2
Ed. 102, Ed. Psy.; 322, Adol. Psy. ....	3	3
Ag. Eco. 371, Farm Credits and Adjustment.....	2	
Electives .....	2	7
	<hr/>	<hr/>
Total.....	18	18

SENIORS

	First Semester	Second Semester
Ag. Eco. 472, Farm Management—473, Marketing....	3	2
Biol. 354, Entomology .....		4
Ed. 201, General Methods .....	3	
Ag. Ed. 451, Course Organization .....	2	
Engl. 317, Journalism .....	2	
Ag. Ed. 454, Practice Teaching .....	2	4
A. P. 434, Dairy Cattle Production .....	2	
Ag. Ed. 453, Supervised Practice .....	2	
Ag. Eco. 474, Farm Records .....		2
Ag. Ed. 355, New Farmers of America .....	1	1
		5
Total.....	17	18

GENERAL AGRICULTURE AND ELEMENTARY EDUCATION

Temporary Certificate

JUNIORS

	First Semester	Second Semester
Soils 304, Materials and Soils 306, Management.....	3	3
A. P. 331, Feeds and Feeding .....	3	
Biol. 157, Personal Hygiene .....		2
Ag. Eco. 371, Farm Credit and Ag. Adj. ....	2	
Edu. 102, Ed. Psy. 308, Child Psy. ....		3
Edu. 201, General Methods and School Law .....	3	
Biol. 354, Entomology .....		3
F. A. 1S1, Sight Singing .....	2	
Hist. 202, American History .....	3	
Pol. Sci. 240, American Gov't. ....		3
Electives .....	0	2
Total.....	16	16

SENIORS

	First Semester	Second Semester
Ag. Eco. 473, Farm Man.—472, Marketing.....	3	2
Ag. Eco. 474, Farm Records .....	2	
Biol. 257, Community Hygiene .....		2
Pol. Sci. 240, American Government .....		3
405, Practice Teaching .....	2	4
Art. 101, Prin. of Art .....	2	
Edu. 122, Rural School Problems .....		2
Electives .....	7	3
Total.....	16	16

## GENERAL AGRICULTURE

## High School Certificate

## JUNIORS

	First Semester	Second Semester
Ag. 304-402, Soils—Soil Conservation .....	3	4
A. P. 331, Feeds and Feeding .....	3	
Ag. 303, Agricultural Bacteriology (350) .....	3	
Ed. 102-222, Educational Psychology—Adol. Psy.....	3	3
Ag. Eco. 371, Farm Credit and Ag. Adjustment .....	2	
Math 230, Fundamentals of Statistics .....	3	
Ed. 311, Educational Measurements .....		3
Electives .....	0	7
	17	17
Total.....	17	17

## SENIORS

	First Semester	Second Semester
Ag. Eco. 472-473, Marketing Farm Products— Farm Management .....	2	3
Biol. 354, General Entomology (330B).....		3
A. P. Dairy Cattle Management .....	2	
Ag. Eco. 474, Farm Records .....		2
Ed. 201-450, General Methods—Prin. Sec. Edu.....	3	2
Ed. 492-493, Practice Teaching .....	2	4
Electives .....	8	
	17	14
Total .....	17	14

## TWO YEAR COURSE IN AGRICULTURE

This course is designed for those engaged in farming, whose time and finance will not permit them to spend more time in residence. The course is planned to provide opportunities for a maximum amount of practice and instruction on a minimum time limit to meet the needs of those who do not care to pursue the full four year college course.

Persons electing this course will have a wider latitude of choice in course selection from all the differentiated curricula, based on the choice of the student and an analysis of his problems by his advisor.

A certificate of attendance will be awarded on the completion of the course and the specified job practices assigned to them.

Those who know proficiency and interest may be allowed to work out a part of their expenses through farm practice experience.

Credit for this course cannot be given for the four year college course except by a special vote of the faculty and must be C or above.

**CURRICULA FOR TWO YEAR STUDENTS**

**First Year**

	First Semester	Second Semester
Agricultural Science .....	3	3
Horticulture 211-212, Landscape Gardening, Vegetable Gardening .....	3	3
A. P. 232-233, Farm Dairying—Dairy Cattle .....	2	2
A. P. 243, Hatchery and Chick Management.....		3
Ag. Eng. 261-262, Domestic Eng.—Farm Machinery	2	2
Farm Practice .....		
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Total.....	10	13

**Second Year**

	First Semester	Second Semester
Agricultural Science .....	3	3
A. P. 141-142, Farm Poultry .....	3	2
Ag. Eng. 161-162, Farm Shop—Farm Power .....	2	2
Math. 200, Agriculture Mathematics .....		3
A. P. 131-132, Breeds and Types—Farm Meats .....	3	2
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Total.....	11	12

## DESCRIPTION OF COURSES

### PLANT PRODUCTION

#### Crops and Horticulture

- 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. 108—Forage Crops** **Credit 3 hours**  
 The identification, adaptation and use of forage and pasture plants, including Native grasses and legumes.
- Ag. 201—Cereals and Root Crops** **Credit 3 hours**  
 A study of production, distribution, classification, identification, culture, harvesting and storage of cereals and root crops; given in alternate years.
- Ag. 105** **Credit 2 hours**  
**General Agriculture**  
 For teachers and prospective teachers in the State of Oklahoma.
- Ag. 202—Legumes** **Credit 2 hours**  
 A study of the culture, use, identification, and production of legumes. Given in alternate years.
- Ag. 401—Commercial Grading and Judging Crops** **Credit 3 hours**  
 Practice in judging cotton, hay, potatoes and other crops according to Federal standards and the use of score cards.
- Ag. 404—Genetics (formerly Ag. 454)** **Credit 3 hours**  
 The basic principle of variation and heredity and the improvement of farm crops and animals by the application of genetic principles.
- Ag. 400—Practical Experience** **Credit 2.5 hours**

### SOILS

- Ag. 303—Agricultural Bacteriology (formerly Ag. 350)** **Credit 3 hours**  
 A study of the organisms and the factors which influence their growth. Designed to meet the needs of Agriculture and Home Economic students.
- Ag. 304—Soils** **Credit 3 hours**  
 Materials and agencies involved in the formation of soils and the physical properties of soils.
- Ag. 306—Soil Management** **Credit 3 hours**  
 Means of modifying physical, chemical and biological properties of soils by drainage, tillage, fertilization and liming.

**Ag. 402—Soil Conservation****Credit 4 hours**

The conservation of soils through contours, sod crops, erosion accelerating and erosion retarding practices. Half credit from Soil Conservation Engineering (Ag. Eng. 461).

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

A study of methods in soil investigation. Mechanical analysis, moisture equivalent, Colloids, base exchange, reaction.

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

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

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

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

**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. 311—Fruit Growing**

Home and commercial orcharding as it applies to Oklahoma.

**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 (Domestic Engineering)****Credit 2 hours**

Construction, design and location of farm buildings.

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

Tillage, seeding and harvesting, maintenance and repair.

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

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



**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. Ed. 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—Special Methods**

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

**Ag. Ed. 354—Evening and Part Time School Organization** **Credit 2 hours**

Procedure for organizing and conducting evening and part-time classes. Open to Juniors and Seniors. Recitation and laboratory, 4 hours.

**Ag. Ed. 355—New Farmers of America** **Credit 2 hours**

Organization of the New Farmers of America, purposes, aims and functions. Course to be given throughout the year in connection with the Collegiate NFA Chapter.

**Ag. Ed. 356—Farm Shop Method** **Credit 2 hours**

Methods of teaching farm Shop and farm Mechanics in vocational agriculture.

**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. Student 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 and Agricultural Adjustment** **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  
Cost accounts in the operation of a farm business. Prerequisite, Senior standing.

### ANIMAL PRODUCTION

- A. P. 131—Breeds and Types** Credit 3 hours  
Types and breeds of livestock. Breed selection for production and show.
- A. P. 132—Farm Meats (formerly Ag. 338)** Credit 2 hours  
The slaughter and care of farm meats.
- A. P. 232—Farm Dairying** Credit 2 hours  
The production and care of the dairy and dairy products.
- A. P. 233—Dairy Cattle** Credit 3 hours  
Types, breeds and selection of dairy cattle.
- A. P. 331—Feeds and Feeding** Credit 3 hours  
The digestion and metabolism process in the animal body.  
Prerequisite, Sci. 322A.
- A. P. 337—Breeds and Types** Credit 2 hours  
Breeds and types of horses, mules and beef cattle. (Formerly 132).
- A. P. 430—Beef Cattle Production** Credit 2 hours  
The care and management of beef cattle herd. Prerequisite Ag. 331.
- A. P. 432—Sheep Production** Credit 2 hours  
Methods of growing and management of sheep. Prerequisite, Ag. 331.
- A. P. 434—Dairy Cattle Management** Credit 2 hours  
Management of the dairy herd. Prerequisites, Ag. 231, 233, 331.
- 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 correlation 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 agricultural students.
- A. P. 142—Farm Poultry** **Credit 3 hours**  
This will be a continuation of A. P. 141.
- A. P. 243—Hatchery and Chick Management** **Credit 2 hours**  
Principles of incubation and brooding. Embryology of the chick; hatchery operation and management. Inspection tours of commercial hatcheries and assembly plants.
- A. P. 341—Poultry Flock Management** **Credit 2 hours**  
Prerequisites, P. H. 203. The business of poultry farming, laying out and managing commercial farms. Visits to poultry farms in local areas.
- A. P. 441—Poultry Problems** **Credit 2 hours**  
Prerequisites, all poultry courses offered. Current developments in the poultry field.

## DIVISION OF ARTS AND SCIENCES

### DIVISIONAL 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 do the following:

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

### ORGANIZATION

The Division of Arts and Sciences embraces courses in Art, Biology, Business Administration, Chemistry, Commercial Education, Economics, English, History, Mathematics, Music, Physical Education, Physics, Political Science, Sociology and Modern Foreign Languages.

The first two years consists essentially of a program of general education which affords the student an opportunity to acquire a background in the general fields of the natural and social sciences, language and literature and to perfect the tools required in more advanced studies. The last two years of college work is devoted to a considerable degree of concentration in a major field.

All freshman and sophomore students of the Division of Arts and Sciences, unless specifically excused by the Director, are required to follow the prescribed courses as set forth in the catalogue.

#### Basic Divisional Requirements for Graduation

English .....	12 hours
Foreign Language .....	6 hours
Mathematics .....	6 hours
Natural Science .....	8 hours

Social Science .....	6 hours
Physical Education .....	4 hours
American History .....	3 hours
American Government .....	3 hours

### Major and Minor Requirements

After the completion of the sophomore year, every student in the division who has not already done so must select, with the advice and consent of the Department Head concerned, a department as a major field of concentration and specialization. In addition to selecting a major, every student must also select another department or departments for minor fields of concentration and specialization.

The work of the Junior and Senior years is selected with the aid of the advisor.

Required hours for graduation 124, of which 4 must be in Physical Education. One major of 30 hours and two minors of not less than 18 hours each, or two majors are required.

For the B. S. degree a student must have completed 60 hours in chemistry, biology, physics or mathematics.

The B. S. in Business Administration will follow the course as outlined for the Freshman and Sophomore years.

### General Curriculum of the Division of Arts and Sciences

#### FRESHMAN YEAR

First Semester		Second Semester	
	Hrs.		Hrs.
Engl. 101—Grammar & Comp.....	3	Engl. 102—Grammar & Comp. ....	3
Math. 101—College Algebra .....	3	Math. 106—Trigonometry .....	3
Sci.—Natural Science .....	4	Sci.—Natural Sciences .....	4
Soc.—Social Science .....	3	Soc.—Social Science .....	3
M. L.—Foreign Language .....	3	M. L.—Foreign Language .....	3
P. E. 101—Physical Education.....	1	P. E. 102—Physical Education.....	1

#### SOPHOMORE YEAR

First Semester		Second Semester	
	Hrs.		Hrs.
Engl. 223—Engl. Literature .....	3	Engl. 224—Engl. Literature .....	3
Soc. 202—American History .....	3	Soc. 240—American Government....	3
M. L.—Foreign Language.....	3	M. L.—Foreign Language.....	3
Electives .....	6	Electives .....	6
P. E. 201—Physical Education.....	1	P. E. 202—Physical Education.....	1

**Pre-Medical and Pre-Dental Curriculum**

In view of the demand for a large supply of skilled technicians in these fields, the University is providing a program in these pre-professional areas.

**FRESHMAN YEAR**

First Semester		Second Semester	
	Hrs.		Hrs.
Engl. 101 .....	3	Engl. 102 .....	3
Math. 101 .....	3	Math. 106 .....	3
Chem. 111 .....	4	Chem. 112 .....	4
Biol. 151 .....	4	Biol. 152 .....	4
Soc. Sci. ....	3	Soc. Sci. ....	3
Phys. Ed. ....	1	Phys. Ed. ....	1

**SOPHOMORE YEAR**

First Semester		Second Semester	
	Hrs.		Hrs.
Engl. 223 .....	3	Engl. 224 .....	3
Physics 221 .....	4	Physics 222 .....	4
Chem. 211 .....	5	Chem. 212 .....	5
Foreign Language .....	3	Foreign Language .....	3
Physical Education .....	1	Physical Education .....	1

**ART**

The Department of Fine Arts (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.

Objectives of the Department:

**I Drawing**

- A. To familiarize with good construction.
- B. To increase skill and power of observation.
- C. To develop this type of memory.
- D. To acquire ability to criticize constructively.

**II Lettering**

- A. To see design in letter forms.
- B. To learn to execute easily correct letter forms and arrangements.
- C. To learn to create variations upon these forms that will fit in with designs for posters so that ideas may be adequately and forcefully expressed.

### III Color and Design

- A. To use color harmoniously, developing an appreciation for color.
- B. To know colors, how to mix them and how to apply them.
- C. To see color, both as an aesthetic and as a physiological factor.
- D. To develop selective judgment in the choice of design, color, and construction.

### IV Painting

- A. To develop proficiency and technique.
- B. To stimulate power in the fields of creative effort.
- C. A means of developing professional artists.

### V History of Art

- A. The purpose of the History of Art course is to reveal to the public the beauty of nature and of the arts, so that he may recognize and enjoy the world of beautiful things about him and gain an appreciation of the finest, which will reflect beauty in his life and in his living.
- B. It aims to engender love of beauty.
  - 1. To develop good taste.
  - 2. To enrich life and train for leisure.
  - 3. To gratify the desire to create, and to encourage talent.

### VI Teacher Training

- A. To prepare art teachers for elementary, junior, and Senior high school, and supervisors for the purpose of developing the field in creative efforts.

The Art Department gives professional training to supply the demand of teachers trained in arts and crafts, and their lines of work which parallel these courses, also to prepare students who plan to become professional artists or who plan to attend regular art schools for further preparation.

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

Electives 12 hours, making 30 hours.

Minor Required: 101, 102, 107, 201, 202, 205, 209, 301, 411, 413.

## DESCRIPTION OF COURSES

- Art 101A—Art Appreciation** Credit 2 hrs.  
A study of the historic periods and art as applied to everyday life.
- Art 101—Principles of Art** Credit 2 hrs.  
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 hrs.  
Prerequisite, 101.
- Art 102A—Elementary (Education)** Credit 2 hrs.  
Projects in various media, paper cutting, block printing, finger painting spatter, blackboard, and chalk and crayon uses.  
Prerequisite, 101.
- Art 107—Perspective** Credit 2 hrs.  
Principles of perspective with the application of freehand drawing of interior and exteriors. Prerequisite 101.
- Art 201—Still Life** Credit 2 hrs.  
Drawing and painting from still life gives the student an opportunity to become familiar with various mediums, as charcoal pencil, water color and oil as well.
- Art 205—Design** Credit 2 hrs.  
A study of the principles of design and color theory and creative development. Prerequisite 101, 107.
- Art 207—Design** Credit 2 hrs.  
Continuation of 205.
- Art 209—Poster** Credit 2 hrs.  
A study of decorative space filling and lettering. Prerequisite, 101, 102.
- Art 211—Poster** Credit 2 hrs.  
Continuation of 209. Prerequisite 101, 102.
- Art 213—Anatomy** Credit 2 hrs.  
A study of the human figure with emphasis in the bone muscle action. Open Art, Physical Training Majors.
- Art 301—Water Color.** Credit 2 hrs.  
Studies in still life, flowers, and decorative landscape.
- Art 303—Water Color** Credit 2 hrs.  
A continuation of 301. Prerequisite, 301.
- Art 305—Composition (Pictorial)** Credit 2 hrs.  
Theory of picture making (black, white, color). Prerequisites, 101, 102, 201, 205, 301.



- Art 307—Pottery** **Credit 2 hrs.**  
Handbuilt tile, vase and other objects. Prerequisite 101, 102, 205.
- Art 309—Modeling and Sculpture** **Credit 2 hrs.**  
Prerequisite 309.
- Art 311—Applied Art** **Credit 2 hrs.**  
The application of design to wood, leather, metal and other decorative materials.
- Art 313—Landscape** **Credit 2 hrs.**  
A study of landscape in watercolor; pastel and oil. Prerequisite 101, 205, 301, 303.
- Art 401—House Planning and Furnishing** **Credit 2 hrs.**  
A study of factors controlling the modern house planning and furnishing from an artistic point of view.
- Art 403—Interior Decoration** **Credit 2 hours**  
Continuation of 401. Prerequisite 101, 205, 207, 301.
- Art 405—History of Art** **Credit 2 hrs.**  
The cultural background of Western Europe to the Renaissance. Open to college students.
- Art 407—History of Art** **Credit 2 hrs.**  
The history of art from the Renaissance to the period of American Painting.
- Art 409—History of American Art** **Credit 2 hrs.**  
A lecture course dealing with the background of American art.
- Art 411—Elementary Art (Education)** **Credit 3 hrs.**  
Projects in various media, paper cutting, blockprinting, finger painting, spatter, blackboard, chalk and crayon drawing.
- Art 413—High School Art (Education)** **Credit 3 hrs.**  
Study of and building types of lessons. Care and distribution of materials, tools and art work.

## DEPARTMENT OF BUSINESS ADMINISTRATION AND COMMERCE

- B. A. 101—Elementary Typewriting** **Credit 2 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 2 hours**  
 Continuation of 101.
- B. A. 111—Elementary Shorthand** **Credit 2 hours**  
 This course includes a study of word building and general principles outlines by the Gregg Shorthand manual, supplemented by Gregg Speed Studies. Emphasis is placed on the mastery of principles and the correct formation of characters and outlines.
- B. A. 112—Elementary Shorthand** **Credit 2 hours**  
 Continuation of 111.
- B. A. 201—Advanced Typewriting** **Credit 2 hours**  
 This is a course to develop personal skills. Work includes legal forms, letter writing, manuscript writing, stencil cutting and tabulation. (Prerequisite, B. A. 112.)
- B. A. 412—Transcription** **Credit 2 hours**  
 A study of the transcription of letters, reports, and business forms, development of proficiency in reading shorthand, writing shorthand, and transcribing shorthand notes. Prerequisite B. A. 21 (201).
- B. A. 213—Income Tax and Consolidations** **Credit 2 hours**  
 Accounts and statements of amalgamations, mergers, and holding companies. Problems based upon federal and Oklahoma income tax laws. Should be taken in the senior year by accounting or business administration majors.
- B. A. 30 (301)—Office Training and Filing** **Credit 2 hours**  
 Various methods of classifying and filing business correspondence. Laboratory is indexing and filing. Office procedure, ethics and etiquette.
- 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. (Prerequisite, Eco. 222)
- B. A. 312—Investments** **Credit 2 hours**  
 An analysis of types of stock and bonds and of the issues of selected corporations. Prerequisite, 311.

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**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 statement, bookkeeping methods, etc. (Required of all students majoring in Business Administration and Commercial Education.)

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

Continuation of 351.

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

A study of the principles of contract, agency, negotiable instruments, and other important phases of law met in every day business activities.

**B. A. 412—Business Law.** **Credit 3 hours**

Continuation of 411.

**B. A. 413—The Management of Business and Industrial Personnel** **Credit 2 hours**

An analysis of the problems of the modern business and industrial organization with regard to the management of labor relations. The psychological aspects of labor relations, techniques of selection and placement of workers, maintenance of personnel, and joint relations and collective bargaining are discussed. Prerequisite B. A. 311.

**B. A. 421—Auditing** **Credit 3 hours**

General principles of auditing, including a detailed study of different kinds of audits. Should be taken in senior year.

**B. A. 422—Auditing** **Credit 3 hours**

Continuation of 421. A long practice problem is included.

**B. A. 451—Advanced Accounting** **Credit 3 hours**

This course is a study of advanced accounting theory. Students given opportunity to investigate accounting for installment sales and consignments. Study of basic principles and processes of compound interest in relation to sinking funds, annuities and bonds.

**B. A. 452—Advanced Accounting** **Credit 3 hours**

Continuation of B. A. 451.

**B. A. 454—Cost Accounting**

Accounting for costs in manufacturing enterprises. Should be taken in the senior year.

**B. A. 453—Organization and Management of Small Retail Business** **Credit 3 hours**

A study of the organization and management and record-keeping as applied to a small retail concern.

**B. A. 494—Methods In Teaching Commercial Subjects** **Credit 2 hours**

Theory of teaching typewriting, shorthand and other commercial subjects in high school.

**BUSINESS ADMINISTRATION****Freshman Year**

Engl. 101—English Comp. ....3	Engl. 102—English Comp. ....3
Math. 101—College Algebra ....3	Math. 102—College Algebra ....3
Soc. Sci. 101—Hist. of West Civ...3	Soc. Sci. 102—Hist. of West Civ...3
Natural Science .....4	Natural Science .....4
B. A. 101—Elem. Typing .....2	B. A. 112—Elem. Typing .....2
P. E. 101—Floorwork .....1	P. E. 102—Floorwork .....1

**Sophomore Year**

Engl. 201—Adv. Grammar .....3	Engl. 212—Effec. Speech Making...3
Math. 221—Bus. Math. ....3	Math. 230—Statistics .....3
Geo. 202—World Geography .....3	Soc. Sci. 202—U. S. History.....3
Eco. 221—Prin. of Economics.....3	Eco. 222—Prin. of Economics.....3
B. A. 351—Elem. Accounting.....3	B. A. 352—Elem. Accounting .....3
P. E. 201—Adv. Floorwork .....1	P. E. 202—Adv. Floorwork .....1

**Junior Year**

M. L.—Foreign Lang. ....3	M. L.—Foreign Lang. ....3
B. A. 451—Adv. Accounting .....3	B. A. 452—Adv. Accounting.....3
*Eco. 326—Money and Banking.....3	Engl. 205—Bus. English .....3
Electives .....6	Electives .....6

**Senior Year**

B. A. 421—Auditing .....3	B. A. 453—Accounting.....2
B. A. 311—Business Org. ....3	B. A. 411—Business Law .....3
B. A. 312—Investments .....3	Eco. 321—Labor Problems .....3
Electives .....6	Electives .....6

**COMMERCIAL EDUCATION****Freshman Year**

Engl. 101—English Comp. ....3	Engl. 102—English Comp. ....3
Math. 101—College Algebra ....3	Math. 106—Trigonometry .....3
Soc. Sci. 101—Hist. of West Civ...3	Soc. Sci. 102—Hist. of West Civ...3
Natural Science .....4	Natural Science .....4
B. A. 101—Elem. Typing .....2	B. A. 112—Elem. Typing .....2
P. E. 101—Floorwork .....1	P. E. 102—Floorwork .....1

\* See Department of Social Science for description of course.

**Sophomore Year**

Engl. 201—Adv. Grammar .....	3	Engl. 212—Effec. Speech Making.....	3
Math. 221—Bus. Math. ....	3	Soc. Sci. 202—U. S. History .....	3
B. A. 111—Elem. Shorthand .....	2	Math. 230—Statistics .....	3
Eco. 221—Prin. of Economics.....	3	Eco. 222—Prin. of Economics.....	3
B. A. 201—Adv. Typing .....	2	Education .....	3
Education .....	3	P. E. 202—Adv. Floorwork .....	1
P. E. 201—Adv. Floorwork .....	1	B. A. 112—Elem. Shorthand .....	2

**Junior Year**

B. A. 351—Elem. Accounting .....	3	B. A. 352—Elem. Accounting .....	3
M. L. —Foreign Lang. ....	3	M. L.—Foreign Lang. ....	3
Geo. 202—World Geography .....	3	Engl. 205—Bus. English .....	3
B. A. 211—Adv. Shorthand .....	2	Education .....	3
Pol. Sci. 240—American Gov.....	3	Electives .....	4
Education .....	3		

**Senior Year**

B. A. 451—Adv. Accounting.....	3	Com'l Subjects .....	2
B. A. 412—Transcription .....	2	B. A. 452—Adv. Accounting .....	3
B. A. 302—Office Training .....	2	B. A. 453—Accounting .....	2
B. A. 311—Business Org. ....	3	B. A. 411—Business Law .....	3
Education 492 .....	2	Educ. 493—Appr. Teaching.....	4-2
Electives .....	2	B. A. 312—Investments .....	3
B. A. 494—Methods of Teach.		Electives .....	3

## DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

### Objectives and Requirements

The major objectives of the department are to acquaint the student with the fundamental principles of grammar and composition; to give adequate training in the art of effective expression; to develop within the student a taste for and an understanding of the best there is in literature; to prepare the student to pursue advanced study in the field; and to offer courses required by other departments of the college.

For the purpose of classification, a placement test is given all freshmen at the beginning of the fall semester. Students who indicate by this test their inability to pursue the regular freshman English course are placed in special sections for which no college credit is given.

The major in English consists of twenty-four semester hours, not including the freshman and sophomore basic requirements of twelve semester hours.

Required courses for the English major are as follows: 301, 302, 403, or 427 and 423. Electives in the three or four hundred group to complete the required number of hours.

Students who wish to minor in English must complete eighteen semester hours including 101, 102, 223, 224; and six hours of electives in the three or four hundred group.

A final comprehensive examination in both English and American literature is required of all English majors.

Students who desire to meet certificate requirements should make this known to advisor at the time of registration.

### DESCRIPTION OF COURSES

#### English 0—Grammar and Composition Credit 0

A review course emphasizing spelling, word usage, and the elements of the sentence.

#### English 101—English Composition Credit 3 hours

Grammar reviews, recitations, themes, general expression, assigned readings. A study of the four forms of discourse with emphasis on expository writing.

#### English 102—English Composition Credit 3 hours

A continuation of 101. Prerequisite, 101.

#### English 201—English Grammar Credit 3 hours

A study of Advanced Grammar. Verb usage and sentence analysis are emphasized. Prerequisite, 101, 102.

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- English 204—English Composition** **Credit 3 hours**  
 Instruction and practice in composition. Prerequisite, 101, 102.
- Engl. 205—Business English** **Credit 3 hours**  
 Study of the principles of advanced composition with particular reference to the types of writing valuable to the business student. Prerequisite: English 101, 102.
- English 212—Effective Speech Making** **Credit 3 hours**  
 A study of the principles of effective delivery; voice, enunciation, pronunciation, force, posture, movement, gesture as well as rhetorical structure. Prerequisite 101, 102.
- English 223—English Literature** **Credit 3 hours**  
 An outline study of English Literature from Beowulf to Dryden. Prerequisite 101, 102.
- English 224—English Literature** **Credit 3 hours**  
 A continuation of 223. From Dryden to the end of the 19th Century. Prerequisite, 223.
- English 301—American Literature** **Credit 3 hours**  
 A study of the chief American writers from Colonial times to 1860. Prerequisite, 223, 224.
- English 302—American Literature** **Credit 3 hours**  
 A continuation of 301. From 1860 to 1900. Prerequisite, 223, 224.
- English 303—Speech and Interpretation** **Credit 3 hours**  
 Basic training in phonetics and pronunciation; the discrimination and production of correct speech sounds.  
 b. Analysis and oral reading of different types of literature to develop skill in interpretation; choral speaking technique. Prerequisite, six hours of English, Junior standing.
- English 304—Acting and Play Production** **Credit 3 hours**  
 Training in the art and principles of acting, rehearsal and directing technique. Laboratory problems, play presentation, costuming, makeup. Prerequisite, Junior standing or special permission.
- English 312—Argumentation and Debate** **Credit 3 hours**  
 Designed to give an adequate mastery of the public address, the art of persuasion and the principles of debating. Prerequisite, 101, 102, and Junior standing.
- English 317—Journalism** **Credit 2 hours**  
 Fundamentals of publicity for workers in the field of agriculture and home economics. Some attention given to the high school and newspaper. Prerequisite, 101, 102, and Junior standing.

**English 403—Introduction to the English Drama** **Credit 3 hours**

A study of the origin and development of the English drama to the 19th Century. Shakespeare omitted. Prerequisite, 223, 224.

**English 423—Romantic Movement** **Credit 3 hours**

The rise and growth of romanticism from 1798 to 1824. Wordsworth, Coleridge, Scott, Byron, Shelly, and Keats will be studied in relation to the movement. Prerequisite 223, 224.

**English 425—Victorian Poetry** **Credit 3 hours**

A study of the chief Victorian poets. Prerequisite, 223, 224.

**English 426—The Negro in American Literature** **Credit 3 hours**

A study of Negro authors and their contribution to American literature. Prerequisite, Junior standing.

**English 427—Shakespeare** **Credit 3 hours**

The study of Shakespeare as poet and dramatist. Representative plays of each period are read. Prerequisite, 223, 224.

**English 428—The English Novel** **Credit 3 hours**

The origin and development of the English Novel. Representative novels from Richardson to Conrad are read. Lectures, discussions, and reports. Prerequisite, 223, 224. (Not offered 1946-1947.)

**FRENCH****M. L. 151—Beginner's 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.



**SPANISH****M. L. 131—Elementary Spanish****Credit 3 hours**

Designed to give the foundation for both reading and speaking Spanish. Pronunciation practice, vocabulary drill, and grammar fundamentals.

**M. L. 132—Elementary Spanish (Continuation of 131)****Credit 3 hours**

Elementary reading and translation. Beginning composition.

**M. L. 231—Elementary Spanish Composition****Credit 3 hours**

For students who wish additional work in written Spanish and beginning work in oral Spanish. Review grammar and pronunciation. Exercises in grammar composition and pronunciation. Reading and translation of simplified Spanish classics.

**M. L. 232—Elementary Spanish Composition****Credit 3 hours**

Continuation of 231. Objectives and method same. Added readers and weekly reading and discussion of current topics from a Spanish newspaper.

## DEPARTMENT OF MATHEMATICS

The courses in Mathematics are intended for those studying mathematics as part of a liberal education, for those expecting to apply mathematics in other Sciences or in Technology, for prospective teachers of mathematics or other Sciences in Secondary Schools and to prepare students to continue graduate work in other institutions.

Students majoring in mathematics are required to take 30 hours. The following courses are required: (or the equivalent) 101, 106, 204, 305, 306, 310 and 413. Electives to make out the required number of hours must meet the approval of director.

Students who wish to minor in mathematics must take the following: 101, 106, 204, 305, and 306.

Note: If 104 is not offered as an entrance unit, it must be taken for certification. This course does not count on the major sequence or minor sequence.

Students who desire to satisfy the requirements for the ninety (90) hour certificate should take the following: 100, 101, 106, 204, and 305.

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

### DESCRIPTION OF COURSES

**Math. 100—Intermediate Algebra** **Credit 3 hours**

Designed to give mathematics majors and technical students a thorough review of: The fundamental operations, special products, factoring, fractions, simultaneous linear equations, binomial theorem, exponents and radicals. (Students who are liable to pass an examination may omit this course.)

**Math. 101—College Algebra** **Credit 3 hours**

The quadratic equation, progressions, inductions, binomial theorem, combinations, probability, logarithms, and integral rational functions.

**Math. 102—Arithmetic for Elementary Teachers** **Credit 2 hours**

Designed to give an appreciation of the history of numbers and number processes as well as a thorough mastery of the facts themselves.

**Math. 104—Solid Geometry** **Credit 2 hours**

Elements of solid geometry, properties and measurements of surfaces and solids.

**Math. 106—Plane Trigonometry** **Credit 3 hours**

The trigonometric functions, identities, equations and the solution of triangles.

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- Math. 200—Agricultural Mathematics** **Credit 2 hours**  
Principal of weights and measures. Computations and transformations of units, distances, volumes, and weights. Market and percentage calculations on farm commodities. (Formerly 4 hours.)
- Math. 204—Plane Analytic Geometry** **Credit 4 hours**  
Rectangular and polar co-ordinates. The line and conic sections, transformations of coordinates, and the general equation of the second degree. Prerequisite, Math. 101, and 106.
- Eng. 217—See Engineering 217** **Credit 3 hours**
- Math. 221—Business Mathematics** **Credit 3 hours**  
Interest, periodical payments, graphs, and statistics.
- Math. 230—The Fundamentals of Statistics** **Credit 3 hours**  
A first course for students in other fields who need statistics in their work.
- Math. 305—Differential Calculus** **Credit 4 hours**  
The derivative of the algebraic and the transcendal functions with applications to geometry and physics. Prerequisites, 101, 106, 204.
- Math. 306—Integral Calculus** **Credit 4 hours**  
The anti-derivative, definite integral with applications to geometry, mechanics and physics. Prerequisite, 305.
- Math. 310—Algebra (Advanced)** **Credit 3 hours**  
Theory of equations and determinants. Selected topics in algebra. Prerequisite, 305.
- Math. 315—Solid Analytical Geometry** **Credit 3 hours**  
A study of the first and second degree equations in space of three dimensions. Prerequisite, 305.
- Math. 401—Mathematical Statistics** **Credit 3 hours**  
The development of the elementary functions and their relationship period. The biennial description of frequency, the probability, integral, frequency curves, and correlation. Prerequisite 306.
- Math. 403—College Geometry** **Credit 3 hours**  
The study of geometric loci, indirect elements, similar and homethetic figures. The circumstances, medians, bisectors, and altitudes of triangles, etc. Open to Juniors and Seniors.
- Math. 413—Differential Equations** **Credit 3 hours**  
A study of the more common types of ordinary differential equations, especially those of the first and second orders with applications to geometry, mechanics and physics. Prerequisite 306.

## DEPARTMENT OF MUSIC

### General Information

Music should play an important part in a liberal arts college; 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 types of services:

(1) A four year curriculum for those who wish to major in music with a broad background in liberal arts.

(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, public school music (vocal or instrumental). Instruction in voice, piano, and other instruments is given in private lesson. All theory subjects are taught in classes.

### PRELIMINARY MUSICAL TRAINING

Applicants for freshman standing in the four year music curriculum must pass an examination over certain requirements, which are as follows:

#### Applied Music

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 in tune, along with some knowledge of musical notation.

Other Instrumental majors: A practical 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 major in music is offered for the completion of 124 semester hours in the prescribed curriculum of piano, voice, instrumental or school music; the minimum music requirement for the music degree in public school or music education is 48 hours. All majors in applied music must have at least 60 hours.

Twenty-two 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, and instrument.

#### **Other Requirements**

All students majoring or minoring in public school music 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.

All 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 at 3:30 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 major must 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 must consist of selections taken from the Oratorios or Operas, in addition to other standard material selected by his instructor. The recital program of Public School Music 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. All music majors are required to attend all recitals.

#### **Organizations**

The University Choir, A Cappella Mixed Glee Club, 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 hour credit in Chorus or Band is allowed for membership and creditable participation in these organizations.

## CURRICULA

## Piano Major Course

## FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1S1—Sightsinging .....	2	Music 1S2—Sightsinging .....	2
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Music 1A1—Appreciation .....	3	Music 1A2—Appreciation .....	3
English 101—Gram. & Com.....	3	English 102—Gram. & Com.....	3
P. E. 101—Floorwork.....	1	P. E. 102—Floorwork .....	1
Soc. 171—Intro. Soc. Sci. ....	3	Soc. 172—Soc. Sci. ....	3
M. L. 151—Foreign Language.....	3	M. L. 252—French .....	3

## SOPHOMORE YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1T1—Harmony .....	3	Music 1T2—Theory (Harmony)....	3
Music 2P1—Piano .....	3	Music 2P2—Piano .....	3
English 223—Eng. Lit. ....	3	Engl. 224—Engl. Lit. ....	3
P. E. 201—Adv. Floorwork .....	1	P. E. 202—Adv. Floorwork .....	1
Ed. 201—Gen. Methods .....	3	Ed. 102—Ed. Psy. ....	3
M. L. 251—Foreign Language .....	3	M. L. 252—Foreign Language.....	3

## JUNIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 3P1—Piano .....	3	Music 2P2—Piano .....	3
Music 1H1—Mus. His. ....	2	Music 1H2—Mus. History .....	2
Music 2T1—Adv. Harmony .....	2	Music 2T2—Counterpoint .....	3
Soc. 202—Amer. History .....	3	Soc. 240—Government .....	3
Music 1E1—Mus. Ed. ....	3	Music 1E2—Mus. Ed. ....	3
Soc. 207—Okla. History .....	2	Ed. 222—Adol. Psy. ....	3
Ag. 105—Gen. Ag. ....	2		

## SENIOR YEAR

First Semester	Hrs.		Hrs.
Music 4P1—Piano .....	3	Music 4P2—Piano .....	3
Music 1C1—Conducting .....	2	Ed. Elective .....	3
Ed. 492—App. Teaching .....	2	Music Senior Recital (may or may not be credited) .....	2
Ed. 450—Prin. Sec. Ed. ....	2	Ed. 493—App. Teaching .....	2
Ed. 314 or 424 .....	3	Electives (3 hrs. must be in music) .....	6
Electives (3 hrs. must be music) .....	6		

## Voice Major Course

## FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1E1—Appreciation .....	3	Music 1A2—Appreciation .....	3
Music 1S1—Sightsinging .....	2	Music 1Sa—Sightsinging .....	2
M. L. 151—Foreign Language .....	3	M. L. 152—Foreign Language .....	3
English 101—Gram. & Comp. ....	3	English 102—Gram. & Comp. ....	3
Music 1V1—Voice .....	0	Music 1V2—Voice .....	0
P. E. 101—Floorwork .....	1	P. E. 102—Floorwork .....	1
Soc. 171—Intro. to Soc. Science...	3	Soc. 172—Intro. to Soc. Sci.....	3

## SOPHOMORE YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Music 1T1—Elem. Harmony .....	3	Music 1T2—Elem. Harmony .....	3
Music 2V1—Voice .....	3	Music 2V2—Voice .....	3
M. L. 251—Foreign Language.....	3	M. L. 252—Foreign Language.....	3
Engl. 223—Engl. Literature .....	3	Engl. 224—Engl. Literature .....	3
P. E. 201—Adv. Floorwork .....	1	P. E. 202—Adv. Floorwork .....	1
Educ. 201—General Methods .....	3	Educ. 102—Educ. Psy. ....	3

## JUNIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 3V1—Voice .....	3	Music 3V2—Voice .....	3
Music 2T1—Adv. Harmony .....	3	Elective .....	2
Music 1H1—History .....	2	Music 1H2—History .....	2
Soc. 202—American History .....	3	Soc. 240—Amer. Gov. ....	3
Educ. 105—Genera Ag. ....	2	Educ. 222—Adol. Psy. ....	3
Music 2P1—Piano .....	3	Music 2F2—Piano .....	3

## SENIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 4V1—Voice .....	3	Music 4V2—Voice .....	3
Music 1C1—Conducting .....	2	Educ. Elective .....	3
Educ. 450—Prin. of Sec. Educ.....	2	Music Senior Recital .....	2
Educ. 314 or 424 .....	3	Educ. 493—App. Teaching .....	4
Educ. 492 .....	2	Electives (3 hrs. must be	
Electives (3 hrs. must be		in music) .....	6
in music) .....	6		

## Public School Music (Instrumental)

## FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1S1—Sight Singing.....	2	Music 1S2—Sight Singing .....	2
Music 1A1—Appreciation .....	3	Music 1A2—Appreciation .....	3
Major Instr. 151.....	0	Major Instr. 152 .....	0
Minor Instr. 151 .....	0	Minor Instr. 152 .....	0
M. L. 151—Foreign Language.....	3	M. L. 152—Foreign Language .....	3
P. E. 101—Floorwork .....	1	P. E. 102—Floorwork .....	1
Soc. 171—Introduction .....	3	Soc. 172—Introduction .....	3
English 101—Gram. & Comp. ....	3	English 102—Gram. & Comp. ....	3

## SOPHOMORE YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Music 1T1—Harmony .....	3	Music 1T2—Harmony .....	3
English 223—Engl. Literature.....	3	English 224—Engl. Literature ....	3
Soc. 202—Amer. History .....	3	Ed. 102—Ed. Psy. ....	3
Major Instr. 251 .....		P. E. 202—Adv. Floorwork .....	1
Minor Instr. 251 .....	3	Major Instr. 252 .....	
P. E. 201—Adv. Floorwork.....	1	Minor Instr. 252 .....	3
M. L. 251—Foreign Language.....	3	M. L. 252—Foreign Language.....	3

## JUNIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 2P1—Piano .....	3	Music 2P2—Piano .....	3
Music 1H1—Music History .....	2	Music 1H2—Music History .....	2
Ag. 105—General Ag. ....	2	Ed. 222—Adol. Psy. ....	3
Music 2T1 .....	2	Music 2T2 .....	3
Ed. 201—Gen. Meth. ....	3	Major Instr. 352 .....	
Major Instr. 351 .....		Minor Instr. 152 .....	3
Minor Instr. 151 .....	3	Soc. 240—Amer. Government .....	3
Soc. 207 .....	2		

## SENIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Ed. Elective .....	2	Music 302—Orchestration .....	2
Music 1C1—Conducting .....	2	Ed. 493—App. Teaching .....	4
Music 301 .....	2	Ed. 314 or 424 .....	3
Ed. 492—App. Teaching .....	2	Senior Recital .....	2
Minor Instr. 251 .....	3	Second Minor Instr. 252.....	3
Ed. 450—Prin. Sec. Ed. ....	2	Elective .....	3
Elective .....	3		



## Public School Music (Vocal)

## FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1S1—Sightsinging .....	2	Music 1S2—Sightsinging .....	2
Music 1A1—Appreciation .....	3	Music 1A2—Appreciation .....	3
English 101—Gram. & Comp.....	3	English 102—Gram. & Comp. ....	3
Soc. 171—Intro. to Soc. Sci. ....	3	Soc. 172—Intro. to Soc. Science...3	
P. E. 101—Floorwork .....	1	P. E. 102—Floorwork .....	1
Music 1V1—Voice .....	0	Music 1V2—Voice .....	0
M. L. 151—French .....	3	M. L. 152—French .....	3

## SOPHOMORE YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1T1—Harmony .....	3	Music 1T2—Harmony .....	3
Music 2V1—Voice .....	3	Music 2V2—Voice .....	3
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Engl. 223—English Lit. ....	3	Engl. 224—Engl. Literature .....	3
Ag. 105—General Ag. ....	2	Soc. 207—Oklahoma History .....	2
Educ. 201—General Methods .....	3	Educ. 102—Educ. Psy. ....	3
P. E. 201—Adv. Floorwork .....	1	P. E. 202—Adv. Floorwork .....	1
M. L. 251—Adv. French .....	3	M. L. 252—French .....	3

## JUNIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 3V1—Voice .....	3	Music 3V2—Voice .....	3
Music 1H1—Music History .....	2	Music 1H2—Music History .....	2
Music 2P1—Piano .....	3	Music 2P2—Piano .....	3
Soc. 202—American History .....	3	Soc. 240—American Gov. ....	3
Elective Education .....	3	Educ. 222—Adolescent Psy. ....	3
Music 2T1—Harmony .....	3	Elective (Music) .....	3

## SENIOR YEAR

First Semester	Hrs.	Second Semester	Hrs.
Music 1C1—Conducting .....	2	Music 301—Orchestration .....	2
Music 4V1—Voice .....	3	Educ. 493—App. Teaching .....	4
Educ. 492—App. Teaching .....	2	Educ. 314 or 424 .....	3
Educ. 450—Prin. Sec. Educ. ....	2	Senior Recital .....	2
Music 131—Choral Arrangement...3		Electives (3 hrs. must be Music)..6	
Electives .....	5		

## DESCRIPTION OF COURSES

### 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 two times 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 1T1—Harmony** **Credit 3 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 1T2—Harmony** **Credit 3 hours**

Continuation of first semester harmony, through modulation, secondary and leading-tone chords of the 7th chords of the 9th, 11th, and 13th. (Prerequisite 1T2).

**Music 2T1—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 1T2).

**Music 2T2—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 2T1).

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

Double counterpoint, imitations, sequences, canons. The inventions and fugues in two, three, and four parts. (Prerequisite 2T2).

**Music 1F1—Music Form and Analysis** **Credit 2 hours**

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

**Music 1F2—** **Credit 2 hours**

A continuation of Music 1F1.

### MUSIC EDUCATION

**Music 1E1—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 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 1E2—Music Methods for Junior and Senior High Schools.**

**Credit 3 hours**

**Music 131—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, 10 hours Harmony, 4 hours Counterpoint.)

**Music 132—Choral Arranging**

**Credit 3 hours**

A continuation of 131.

**Music 301—Orchestration**

**Credit 2 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, 3 hours Counterpoint.)

**Music 302—Orchestration**

**Credit 2 hours**

A continuation of 301 in addition to scoring works for full size bands and orchestras.

The adolescent voice and its care; testing and classification of voices; selection of materials, school bands and orchestras; class instrumental teaching; public performances; the school assembly.

**Music 1C1—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.

(This course is offered to Music Majors only. Other students must consult the office of the Department of Music).

**Music 102—Conducting**

**Credit 2 hours**

Continuation of first semester conducting with more intensive study of additional scores and practical experience in conducting. A thorough study of band, orchestral, and choral organizations. (Prerequisites 1C1).

**Music 1M1—General Music Study**

**Credit 2 hours**

A course to be of interest to in-service teachers who desire a basic

knowledge of Music for purposes incidental to their work.

(Offered during the summer).

**Music 121—Vocal Music Methods** **Credit 2 hours**

This course is designed to acquaint the student thoroughly with the latest of vocal methods advocated by various authorities.

**Music 122—Vocal Music Methods** **Credit 2 hours**

Continuation of 121.

**Music 141—Instrumental School Music Methods** **Credit 2 hours**

A course designed to acquaint the student thoroughly with the latest of instrumental methods advocated by various authorities.

(Prerequisites, 9 hours Harmony, 3 hours Counterpoint. Not offered).

**Music 142—Instrumental School Music Methods** **Credit 2 hours**

Continuation of 141.

**Music 402—Piano Accompaniment** **Credit 2 hours**

A course designed to train pianist in accompanying solos and group performances.

### MUSICOLOGY

**Music 1A1—Music Appreciation** **Credit 3 hours**

A discussion and recognition of the simpler forms of music and lives of the composers, lectures supplemented by musical illustrations and phonograph recordings.

**Music 1A2—Music Appreciation** **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, overture, concertos, etc. (Prerequisite 1A1).

**Music 1H1—Music History** **Credit 2 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 1H2—Music History** **Credit 2 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 of the first course. (Prerequisite 1H1).

### APPLIED MUSIC

**Music 1P1—Piano** **Credit 0 hours**

Czerny—velocity studies, Heller—Thirty Studies, Bach—Two part Inventions, Mozart—Easiest Sonatas and Mendelssohn—Songs without Words, Hanon's Virtuoso.

(The student may receive credit if he has the proper background).

**Music 1P2—Piano**

Continuation of first semester Piano. (Prerequisite 1P1).

**Music 2P1—Piano****Credit 3 hours**

Czerny studies, Opus 740, Bach—Three Part Inventions, Hanon's Virtuoso complete, Mozart and Beethoven Sonatas equivalent in grade of difficulty to Opus 10, No. 1, and Opus 14, No. 1, other selected classical romantic pieces of equivalent difficulty.

**Music 2P2—****Credit 3 hours**

Continuation of the first semester piano. (Prerequisite 2P1).

**Music 3P1—Piano****Credit 3 hours**

Clementi-Gradus ad Parnassum, Bach—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, Music 2P2)

**Music 3P2—Piano****Credit 3 hours**

Continuation of the first semester Piano. (Prerequisite 3P1).

**Music 4P1—Piano****Credit 3 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.

**Music 4P2—Piano****Credit 3 hours**

Continuation of first semester piano, intensively added material of the desired grade of difficulty.

(Prerequisite, Music 4P1).

**Music 1V1—Voice****Credit 3 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 3 hours**

Continuation of first Semester Voice. (Prerequisite 1V1).

**Music 2V1—Voice****Credit 3 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 classics of Handel, Mozart, Schubert, etc. Negro Folk and English songs.

(Prerequisite, 1V2).

**Music 2V2—Voice****Credit 3 hours**

Continuation of first semester voice. (Prerequisite, 2V1).

**Music 3V1—Voice****Credit 3 hours**

Studies for 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 3 hours**

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

**Music 4V1—Voice****Credit 3 hours**

A more intensified study of the materials of the preceding year. (Prerequisite, Music 3V2).

**Music 4V2—Voice****Credit 3 hours**

Continuation of first semester's voice. (Prerequisite, Music 4V1).

**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. (Ex.—Trumpet 151, etc.)

**DEPARTMENT OF NATURAL SCIENCES****DESCRIPTION OF COURSES****Biology**

The curriculum is designed to meet the needs of students seeking to major in the department, including those who plan to enter graduate study, the field of medicine and the profession of teaching.

A major in Biology requires at least 30 semester hours. The following courses are required: 151-152, 255-256, 251 and 451.

A minor in Biology requires at least 18 semester hours. The following courses are required: 151-152, 255-256, 451, and course 251 as preferred if convenient.

**Blol. 151—General Biology****Credit 4 hours**

An introductory course embracing the fundamental principles and methods of Biology as a liberal education, as a premedical prerequisite, or as a foundation for more specialized study. This course includes a consideration of cell structure, the basic principles of morphology, anatomy, physiology, embryology, genetics, taxonomy, evolution and a general survey of the invertebrates. Lectures two hours per week, laboratory four hours per week.

**Blol. 152 (Continued)****Credit 4 hours**

This course gives a general survey of the Biology of plants and stresses mostly members of the chordata phylum as to their anatomy, habitat, characteristics and reproduction. The frog being the most important animal. Lectures two hours per week. Laboratory four hours per week.

**Blol. 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.

**Blol. 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, Sci. 251 or its equivalent.

**Blol. 255—Comparative Vertebrate Anatomy****Credit 5 hours**

A study of the general features of 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 dissec-

tion of a representative type of animals chosen from outstanding classes. Lectures three times per week. Laboratory four hours per week. Prerequisite, Sci. 151-152.

**Biol. 256—Continuation of 255** **Credit 5 hours**

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

This course brings out a comparative study of animal development, mainly of vertebrates, principles and processes, germ cell origin and structure, maturation, fertilization, cleavage, cell layers, tissues and organ formation, foetal membranes and their uses. Prerequisite, 255 and 256. Lectures two periods per week.

Laboratory two hours per week.

**Biol. 352—Animal Ecology** **Credit 3 hours**

A study of home life and environmental factors affecting the lives of animals in general and with special attention to factors affecting the local fauna. Laboratory consist of field trips and experimental study. Lectures, two hours per week; laboratory two hours per week. Prerequisite, Sci. 255-256.

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

Required of majors in Physical Education. An analysis of the structure, function, and inter-dependence of the organs of the human body. Prerequisite, Sci. 151-152.

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

An introductory course to the history and characteristics of the representative group of insects. The study of the economic importance of insects. Methods of control are emphasized. Students will be required to make a collection. Two lectures and laboratory four hours.

**Biol. 355—General Parasitology** **Credit 4 hours**

A study of the parasites which infect man and animals. A study of methods of control, prevention and treatment of disease caused by parasites. Post-mortem examinations will be performed upon various animals in the investigation of problems. Prerequisite, Sci. 151-152. Two lectures and laboratory four hours per week.

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

This course embraces a study of bacteriology technique and the physiology and classification of bacteria, yeast, and molds. Special attention is given to some of the pathogenic micro-organisms and those which are significant in the process of nature. Prerequisite, Sci. 151, 152, or General 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, physiology, digestion, circulation and respiration. Prerequisites, Sci. 151-152. Four lectures per week.

**Biol. 452—Plant Pathology** **Credit 4 hours**

The nature, cause and control of disease in orchard and field crops. Two lectures and laboratory four hours per week. Prerequisite 251.

**Biol. 454—Genetics** **Credit 4 hours**

Introduction to the laws of heredity based upon the work of Mendel and more recent investigation. Emphasis is placed upon its relation to plants, the breeding of animals and human inheritance. Prerequisite, Sci. 151-152 or 251. Four lectures per week.

### CHEMISTRY

A study of chemistry is essential to a better understanding of the processes of nature and the practices of agriculture, home economics and industry. Even the social sciences have made advancement by employing the basic principles involved in physical and chemical changes. Chemistry, therefore, is a prerequisite to many other science courses. The aim of chemistry, in the light of these facts, is to give a knowledge of the fundamental principles of the subject so as to enable the student to comprehend the importance of chemistry in the solution of the many problems in agriculture, household science and other related fields.

Students majoring in chemistry are required to complete 30 hours, including the following courses or their equivalent: 111, 112, 211, 212, 311, 312. Electives above 300 to make out the required number of hours.

Students minoring in chemistry must take the following: 111, 112, with electives above 200 to complete the required number of hours.

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

For students enrolled in Agriculture, Home Economics and Industrial Arts. Two lectures and three hours laboratory work per week.

**Chem. 102—Continuation of 101** **Credit 3 hours**

**Chem. 111—General Chemistry** **Credit 4 hours**

Three lectures and four hours laboratory work per week.

**Chem. 112—Continuation of 111** **Credit 4 hours**

**Chem. 211—Semi-Micro Qualitative Analysis** **Credit 3 to 5 hours**

Two lectures and 8 hours of laboratory work per week.

**Chem. 212—Quantitative Analysis** **Credit 3 to 5 hours**

Two lectures and 8 hours laboratory work per week. Prerequisite, Chem. 211 or equivalent.

**Chem. 311—Organic Chemistry** **Credit 3 to 5 hours**

Three lectures and 4 hours laboratory work per week.

**Chem. 312—Continuation of 311** **Credit 3 to 5 hours**

**Chem. 311A—Organic Chemistry & Analytical Methods** **Credit 5 hours**

For agricultural students. Principles of organic chemistry and methods in gravimetric and volumetric analysis. Lecture and laboratory work.

**Chem. 322A—Physiological Chemistry** **Credit 3 hours**

Prerequisite 311A offered for agricultural and home economics students.

**Chem. 403—Food Chemistry** **Credit 3 to 5 hours**

Two lectures and 8 hours laboratory work per week. The course includes an analysis of milk, butter, flour and other food products.

**Chem. 413—Physical Chemistry** **Credit 4 hours**

Two lectures and four hours of laboratory work per week. Gases, liquids, molecular constitution, thermodynamics, solutions, theory of electrolytics, etc. Prerequisites: Chem. 212, Physics, Math. 106.

**Chem. 423—Physical Chemistry** **Credit 4 hours**

Continuation of Chem. 413. Two lectures and four hours of laboratory work per week. Colloids, thermochemistry, chemical equilibria, conductance, electromotive force, etc. Prerequisite: Chem. 413.

### 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.

### ASTRONOMY

**Astr. 101—Introduction to Astronomy** **Credit 4 hours**

A non-technical study of familiar phenomena of the sky; facts about the sun, moon, planets and comets.

## DEPARTMENT OF PHYSICAL EDUCATION AND HEALTH

The physical education and health department has a curriculum so designed to serve all students of the university. In addition to the required courses for freshmen and sophomores, courses are available to students who are particularly interested in and adapted to the field. Students are prepared to occupy positions as physical education teachers, athletic coaches, and playground supervisors.

Essential information:

1. Freshmen and sophomores are required to take Phy. Ed., 101-102 and 201-202. In these courses emphasis is placed on the improvement of skills and organic development.
2. Appropriate uniforms are required of all. Women: blue romper suit, socks, and rubber soled shoes. Men: white athletic shirt, pants, athletic supporter, athletic socks, and gymnasium shoes.
3. Excuse from the required courses because of physical handicaps or disorders is granted by the university physician only.
4. Students who are minoring in physical education must complete eighteen hours work. The following courses are required: Phy. Ed., 310, 313, 314, 410, 412. Biol., 353. Women must elect either 336 or 421; men must elect either 320 or 321.

### DESCRIPTION OF COURSES

**Phy. Ed., 101-102, Freshmen Activities** **Credit 2 hours**

These courses require activity throughout the year in games and sports according to season. During the fall and winter soccer, touch football, basketball, volleyball, and gymnastics are given; during the spring softball, archery, volleyball, and tennis. Two periods per week.

**\*Phy. Ed. 103—Personal Hygiene** **Credit 2 hours**

A study of how all parts of the body should be cared for. Health practices and methods used in eliminating the chances of contracting diseases are discussed. First and second semesters, two periods per week.

**Phy. Ed. 201-202—Sophomore Activities** **Credit 2 hours**

Fundamentally the same as 101-102. Improved body coordination and skills are sought in team and individual sports.

Two periods per week.

**Phy. Ed. 210—Community Hygiene** **Credit 2 hours**

The recognition of vital health problems common to community life

\* Formerly Biology 157.

Note—M, Men; W, Women

and protective measures to be taken in sanitation and disease control.  
First semester, two periods per week.

**Phy. Ed. 310—First Aid** **Credit 2 hours**

The student is taught how to render "immediate temporary treatment" to injured or ill persons in the absence of a physician. The American Red Cross Manual is the basic guide for the course.

First semester, two periods per week.

**Phy. Ed. 312—Anatomy For Phy. Ed.** **Credit 3 hours**

A study of muscle action and body mechanics as related to physical education activities. Prerequisite: Biol. 353.

Second semester, three periods per week.

**Phy. Ed. 313—History and Principles of Phy. Ed.** **Credit 3 hours**

The growth of physical education through the years and the biological and sociological principles involving its relationship to education in general. First semester, three periods per week.

**Phy. Ed. 314—Materials and Meth. in Phy. Ed.** **Credit 2 hours**

Various teaching devices and subject matter material used in teaching elementary and secondary physical education classes.

Second semester, two periods per week.

**Phy. Ed. 320—Football Coaching** **Credit 2 hours**

The methods, strategy, and tactics used in coaching a football team. Course includes discussions on diet, training, equipment, scouting, and rules interpretation.

First semester, two periods per week.

**Phy. Ed. 321—Basketball Coaching (M)** **Credit 2 hours**

The fundamentals of coaching basketball; team and individual styles of offense and defense, strategy, and rules interpretation.

Second semester, two periods per week.

**Phy. Ed. 330-331—Seasonal Activities (M)** **Credit 3 hours**

Outdoor and indoor sports and games are practiced during their respective seasons. Touch and six-man football, basketball, handball, and softball. Rules and teaching procedures.

First and second semesters, three periods per week.

**Phy. Ed., 332—Elementary Gymnastics (M)** **Credit 1 hour**

Individual and group exercises on apparatus and mats with emphasis on the development of body coordination and muscle efficiency.

First semester, two periods per week.

**Phy. Ed. 333—Officiating Women's Sports** **Credit 2 hours**

Knowledge and interpretation of rules governing athletic games engaged in by women.

First semester, two periods per week.

**Phy. Ed. 334-335—Seasonal Activities (W) Credit 3 hours**

Techniques and practice of sports in season. Teaching procedures and rules in soccer, speedball, basketball, volleyball, badminton, and softball. First and second semesters, three periods per week.

**Phy. Ed. 336—Rhythms and Dances (W) Credit 1 hour**

An activity course of folk and modern dancing plus teaching methods and the development of rhythm patterns. (Men admitted with department permission).

Second semester, two periods per week.

**Phy. Ed. 410—Org. and Adm. of Phy. Ed. Credit 2 hours**

Presentation of problems in setting up and conducting a physical education program. Care of fields, gymnasias, and equipment, handling finances, and organizing intra-murals.

Second semester, two periods per week.

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

The organization and administration of recreational programs in schools and communities. Qualifications for leadership and procedures to be used.

First semester, two periods per week.

**Phy. Ed. 412—School Health Problems Credit 3 hours**

How the health of the school child is affected by sanitation, disease, nutrition, heating, ventilation, etc. The nature and scope of physical examinations.

Second semester, three periods per week.

**Phy. Ed. 413—Evaluation of Health Materials. Credit 2 hours**

Printed and visual aid health materials are analyzed for accuracy, availability, cost, and content. Values are determined for teacher use.

Second semester, two periods per week.

**Phy. Ed. 414—Safety Procedures in Phy. Ed., Athletics, and Recreation Credit 3 hours**

A study of the accident problem in schools; nature of accidents, occurrence, and methods of prevention.

Second semester, three periods per week.

**Phy. Ed. 415—Football and Basketball Officiating (M) Credit 2 hours**

Rules governing these games with appropriate interpretations. Practice periods with varsity teams.

First semester, two periods per week.

Classroom and field work in learning individual fundamentals and team organization of both sports.

Second semester, two periods per week.

Note: M—Men, W—Women.

**Phy. Ed. 417—Advanced Gymnastics (M) Credit 1 hour**

A follow up course to 332. The degree of difficulty is increased in performing on apparatus and mats; teaching and safety procedures involved. Prerequisite: P. E. 332.

Second semester, two periods per week.

**Phy. Ed. 418—Coaching Women's Sports Credit 2 hours**

Methods of coaching teams in soccer, field hockey, basketball, volleyball, and softball. Prerequisite: playing knowledge of games.

First semester, two periods per week.

**Phy. Ed. 419-420—Senior Physical Practice (M-W) Credit 3 hours**

Games according to individual interests are engaged in with emphasis placed on the recreational values to be derived.

First and second semesters, three periods per week.

**Phy. Ed. 421—Tap Dancing and Tennis (W) Credit 1 hour**

The first part of the semester is devoted to fundamental steps and routines of tap dancing; tennis fundamentals and practice come the latter half.

Second semester, two periods per week.

## DEPARTMENT OF SOCIAL SCIENCES

The Social Science Department includes the subject fields of history, sociology, political science, philosophy, geography, and economics.

It is the desire of the Department to be a living service unit with changing needs and emphasis in the light of contemporary problems. To assist students in the acquisition of a "Problem Conscious attitude" toward contemporary social problems to the extent they are willing to give their services in aid of solution to problems that arise. To receive such a "Problem Conscious attitude", it is felt desirable that students acquire information and facts in the respective study fields.

### HISTORY

#### Requirements for the Major or the Minor in History

The major in History consists of 30 semester hours in history inclusive of credits earned in the two basic courses—History of Western Civilization, and United States History. Eighteen semester hours must be for history courses numbered 300 and above. Majors in History must present at least 3 semester hours credit in each of the following fields of study: Economics, Philosophy, Political Science, and Sociology.

The minor in History consists of at least 9 semester hours for history courses numbered 300 and above.

Majors and minors in History must present credits for the following courses in History: 101, 102, 202, 203, 207, 303, and 400.

### DESCRIPTION OF COURSES

#### **Hist. 101—History of Western Civilization** **Credit 3 hours**

A survey of the movements and institutions that have contributed most to our present-day civilization. The course 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.

#### **Hist. 102—History of Western Civilization** **Credit 3 hours**

A continuation of 101.

#### **Hist. 202—United States History, 1865-Present** **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. Prerequisite: Sophomore standing.

**Hist. 203—United States History, 1865-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. Prerequisite: Sophomore standing.

**Hist. 207—Oklahoma History** **Credit 3 hours**

A general course covering the history of Oklahoma from territorial days to the present. This course is planned to meet the requirement in Oklahoma history for state teachers' certificates.

**Hist. 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.

**Hist. 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. Primarily for history majors and minors.

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

An introduction to the modern European history in its political, social, and cultural aspects from 1500-present. Special attention will be given to the development of European nationalism, liberalism, and imperialism; to the background of the 1st World War and to contemporary history since that period.

**Hist. 303—The History of the Negro in the United States** **Credit 3 hour**

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.

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

A general survey of the origin and development of England from the earliest times to the present, with particular emphasis on the development of the political, cultural, and economic institutions of England.

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

A study of the political, economic, social, and 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.

**Hist. 400—The West** **Credit 3 hours**

A study of the settlement of the United States west of the Mississippi River, and its effect upon political, religious, economic, and social conditions in the country as a whole.



**Hist. 401—History of Ancient Greece** **Credit 3 hours**

A study of social, political, economic, intellectual, and religious life of the Greeks with a view of indicating the valuable contributions on Ancient Greece to modern civilizations.

**Hist. 402—History of Rome** **Credit 3 hours**

A study of the beginning, development, and expansion of the Roman people with emphasis on political government, and legal and imperialistic aspects of the Roman people.

**Hist. 403—History of the Far East** **Credit 3 hours**

A survey of the development of the Far East during historic times. Special emphasis is given to the factors that caused its development to vary from that of the West, and the conditions which necessitated change in this development trend.

**ECONOMICS**

Minor: 18 hours.

**Ec. 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—Principles of Economics** **Credit 3 hours**

Continuation of Soc. 201.

**Eco. 301—Labor Problems** **Credit 3 hours**

A study of the policies and methods of trade unionism and the movement toward industrial democracy.

**Eco. 302—Money and Banking** **Credit 3 hours**

History and principles of money and banking. Existing monetary and banking systems, problems of the standard, and foreign exchange are analyzed. Comparison of banking practices in the United States and Europe.

**GEOGRAPHY****Geo. 201—Elements of Physical Geography** **Credit 3 hours**

A study of the earth, its relations and its physical features, together with their origin, and influence.

**Geo. 202—World Geography** **Credit 3 hours**

A general survey of the world regions—climatic, topographic, and industrial—bringing out the relationship of human activity to natural environment. Prerequisite: Geo. 201.

**Geo. 301—Human Geography** **Credit 3 hours**

How man has been influenced by his physical environment, and how he has modified it to serve his needs. Prerequisite: Geo. 201.

**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, 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 the 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 course is designed to introduce the subject matter of political science. It is concerned in particular with the foundation of American government as outlined in the Federal Constitution; with the historical development and organization of national, state, and local governments in the United States. Emphasis is placed upon the interdependence and mutual obligations existing between the citizen and his government.

**Pol. Sci. 202—State and Local 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. Prerequisite: Pol. Sci. 201.

**Pol. Sci. 301—Governments of Europe** **Credit 3 hours**

A study of the structure, function and constitutional developments of the major European governments; special emphasis on England, France, Germany, Italy, and Russia.

**Pol. Sci. 302—Political Parties** **Credit 3 hours**

A study of the organization and methods of action of political parties in the United States. Prerequisite Pol. Sci. 201 or Junior standing.

**Pol. Sci. 401—International Relations** **Credit 3 hours**

An introduction to the major phenomena of world diplomacy and politics in contemporary civilization. These phenomena are presented in terms of historical origins, institutional forms, and future prospects. Prerequisites: Pol. Sci. 201 and 202.

### SOCIAL SCIENCE

**Soc. Sci. 171—Introduction to Social Science** **Credit 3 hours**

This course is strongly urged for all freshmen, especially those who intend to major in one of the Social Sciences. The purpose of the course is to survey the objectives, problems, and methods of the major social sciences; emphasis is placed on the interrelations of the social sciences, and the interdependence of social and physical sciences.

**Soc. Sci. 172—Introduction to Social Science** **Credit 3 hours**  
Continuation of Soc. Sci. 171.

**Soc. Sci. 401—Research in the Social Sciences** **Credit 3 hours**

An introduction to and analysis of the methods used in the various social sciences. Credit for this course is not granted until the student has completed a selected research project. Required of all majors in the social sciences.

### SOCIOLOGY

Students majoring in Sociology are required to present credits in Sociology 201, 202, 300, 302, 400, 405, and Social Science 171, 172, 404.

The requirement for a major in this field is thirty semester hours. Three hours of Political science and three hours of Economics may be included in the major. Majors also are required to take ten semester hours from any one or combination of the following subjects: Economics, Political Science, History, and Psychology.

Requirements for a minor in Sociology: Eighteen hours of Sociology, three hours of political science and three hours of economics.

**Soc. 201—Introductory Sociology** **Credit 3 hours**

This course is 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 students.

**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 intergration of youth into larger group life, and the problems encountered in the process of intergration.

**Soc. 304—Principles of Criminology and Penology** **Credit 3 hours**

A study of crime as a social process. Programs for the social treatment of crime, including change in criminal procedure are emphasized.

**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. 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. 401—Race Relations in the United States** **Credit 3 hours**

A study of the racial, nationality, and cultural groups in the U. S., with special emphasis on the patterns of relations that exist, and the problems that group contacts create.

**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—The Urban Community.** **Credit 3 hours**

A study of the historical development of the American city. The social structure of the city is analyzed and the social problems peculiar to the city are studied.

**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.

## RELIGIOUS EDUCATION

**Religious Education 101—The Old Testament: Its Contents  
and Values** **Credit 1 hour**

The outline of Hebrew history as it is recorded in the Old Testament, the kinds of literature which belong to each period, and the teachings that are found in the literature form the basis for this course. An understanding of how through all their experiences, the Hebrews discovered what God is like in an underlying purpose of the course. The course also seeks to discover the values in the Old Testament for persons today.

**Religious Education 102—The New Testament: Its Contents  
and Values.** **Credit 1 hour**

The nature of the religious movement centering in Jesus Christ in Palestine in the first century, the general content of the New Testament and the values of the New Testament for the developing life of humanity are studied in this course.

**Religious Education 201—Place, Tasks and Agencies of Rel. Ed.**  
**Credit 2 hours**

This course will consider first the need for religious education in the light of its place in the Bible, and Christian history, and as demanded by present day conditions. Next will be studied the tasks involved in the development of Christian character, and training for Christian citizenship. A brief survey will be made of the various agencies in the church and community involved in this activity.

**Religious Education 301—The Religions of Mankind** **Credit 2 hours**

The purpose of this course is to give a sympathetic understanding of the great cultures in all religions. The attempt will be made to indicate how they derived at their characteristic patterns of social structure, thought forms, religious ideals and programs.

An understanding of the nature and meaning of religion, its role as an integrating force in the development of cultures will be emphasized.

## DIVISION OF EDUCATION

### DIVISIONAL OBJECTIVES

The Division of Education offers professional courses for the preparation and improvement of elementary and secondary school teachers. In the area of elementary education 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. For secondary school teachers, the division seeks to provide courses which contribute to their professional development and meet certification requirements.

### LABORATORY SCHOOLS

The Division of Education operates two laboratory schools: (1) The Elementary Training School, embracing grades one through eight; and \*(2) the University High School, offering instruction in grades nine through twelve inclusive.

These schools serve as laboratories wherein theories of teaching, administration and supervision are translated into actual practice. The director of the Division of Education, the principal and teachers of the laboratory schools share the responsibility for coordinating the activities of these schools in such a way as to promote the optional development of the pupils enrolled and the prospective teachers as well.

### 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 the 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 teachers' certificates. Prerequisite, Ed. 101.

**Ed. 310—Educational Sociology** **Credit 3 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

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\* Discontinued fall of 1946.

teacher-made tests and examinations; principles underlying the construction, use, and improvement and interpretation of various kinds of evaluative instruments. A small fee covering the cost of test materials is required of each student registering for this course. Prerequisite, Ed. 101 and Ed. 201.

**Ed. 312—Problems of the Teacher Librarian** **Credit 2 hours**

A course designed to meet the needs of the teacher librarian. Emphasis will be placed upon problems involved in using the library, classification, cataloging, book selection, and record keeping.

**Ed. 314—Philosophy of Education** **Credit 3 hours**

This course examines the ideas implied in a democratic society and their implications for educational theory and practice. Prerequisites, 8 hours of education.

**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**

This is a course in the historical developments of education which aims to show the successive 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**

In this course methods of teaching the basic skills, ideas and attitudes on the lower school level will be stressed. Prerequisite, Ed. 201.

**Ed. 303—Nature Study** **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.

**Ed. 328—Children's Literature** **Credit 2 hours**

A study of literature suitable for the elementary grades, including story telling, folks and nursery rhymes, myths, and nature and fairy stories. Prerequisites, M. L. 101 and M. L. 102.

**Ed. 405, 406—Apprentice Teaching in Elementary Schools** **Credit 2-4 hrs.**

Directed observation and student teaching in the elementary school. A small fee covering costs of materials used is required of each registrant. Required of students qualifying for elementary teacher's certificates. Prerequisites, Ed. 102, 201, 302 and 314.

**Ed. 422—Problems of the Rural School** **Credit 2 hours**

A course designed for the teacher in rural areas. It acquaints the students with the problems and trends in rural life and education. Visits are made to nearby rural schools for practical analysis.

**PSYCHOLOGY****\*Ed. 101P—General Psychology** **Credit 3 hours**

A basic course dealing with the origin and development of human behavior.

**Ed. 102—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.

**Ed. 301—Mental Hygiene** **Credit 3 hours**

An examination of factors leading to the development of a well integrated socially desirable personality.

**Ed. 308—The Growth and Development of School Children** **Credit 3 hrs.**

A study of the mental, physical, social and emotional development of school children with implications for the elementary curriculum.

**Ed. 309—Adolescent Development and Behavior** **Credit 3 hours**

A study of the educational implications of the growth and development of adolescents for secondary education.

**SECONDARY EDUCATION AND ADMINISTRATION****Ed. 423—School Administration and Supervision** **Credit 3 hours**

In this course the facts and 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. The course includes a brief history of secondary education and a detailed discussion of the modern issues, principles and practices of the American secondary 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. 102 and 450.

**Ed. 493—Apprentice Teaching in Secondary Schools** **Credit 2-4 hours**

In this course students will do directed teaching in teaching University High School. Prerequisites, Ed. 492 and 450.

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\*Formerly Ed. 101.



## LIBRARY SCIENCE

The courses in this sequence are designed to meet the requirements of the State for the regular high school certificate in Library Science.

**Ed. 315—School Library Administration** **Credit 3 hours**

Study of problems involved in organizing and maintaining a school library, including planning and equipping, records, relations with faculty and students, and training of student assistants.

**Ed. 316—Cataloging and Classification** **Credit 3 hours**

Instruction and practice in making a dictionary catalog for a school library, with emphasis on subject headings, analytics, Dewey Decimal Classification, accession and shelf records.

**Ed. 317—Reference** **Credit 3 hours**

Content, scope, arrangement of standard reference books suitable for use in the high school; dictionaries, encyclopedias, year books, and indexes evaluated.

## CURRICULUM

## B. S. in Elementary Education

## FRESHMAN YEAR

Engl. 101—Composition .....	3	Engl. 101—Composition .....	3
Hist. 101—Mod. Eur. Hist.....	3	Hist. 102—Cont. Eur. Hist. ....	3
Biol. 151—Biol. or some other science .....	4	Biol. 152—Biol. or some other science .....	4
F. A. 1S1—Sight Singing.....	2	F. A. 1S2—Music .....	2
Art 101—Prin. of Art.....	2	Art 102—Prin. of Art .....	2
P. E. 101—Floorwork .....	1	P. E. —Floorwork .....	1
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	15		15

## SOPHOMORE YEAR

English 223—Engl. Lit. ....	3	English 224—Engl. Lit. ....	3
Math. 102—Arithmetic .....	2	Soc. 240—Am. Gov't .....	3
Ed. 101—Am. Ed. System .....	3	Ed. 201—General Methods .....	3
Soc. 271—Intro. to Soc.....	3	Soc. 273—Prin. of Geog. ....	3
P. E. 103—Hygiene (Personal)....	2	P. E. 202—Floorwork .....	1
P. E. 201—Adv. Floorwork .....	1	*Soc. 207—Okla. Hist. ....	2
*Ag. 105—Agriculture .....	2		<hr/>
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	16		

JUNIOR YEAR

Ed. 322—Probs. of Rural Sch.....2	**Ed. 311—Educ. Meas. ....3
Ed. 308—Growth & Dev. of Elem. Sch. Child .....3	Soc. 202—American Hist. ....3
P. E. 210—Com. Hygiene .....2	Ed. 302—Specific Met. ....3
Ed. 314—Phil of Ed. ....3	Ed. 328—Children's Lit. ....2
Ed. 301—Mental Hygiene .....3	Electives .....4
Electives .....3	15
16	

SENIOR YEAR

Ed. 302—Nature Study .....2	Ed. 424—Hist. of Ed. ....3
Soc. 304—Negro Hist. ....3	Ed. 310—Educ. Soc. ....2
***Hist. 405—App. Teach. ....3	Ed. 406—App. Teach. ....3
English 426—Negro Lit. ....3	Electives .....8
Electives .....5	16
16	

\* Not required if taken in high school.

\*\* Carries a fee of \$2.00 to be paid to the instructor within ten days after the beginning of the semester.

\*\*\* A fee of \$1.50 will be charged each semester to def ay the cost of materials which will be used in connect on with the course. Open only to seniors who have a C average or above in all heir work. For each credit hour two hours of teaching and/or participation at the Training School are required.

## DIVISION OF HOME ECONOMICS

### Divisional Objectives

The curriculum in Home Economics is designed to meet the needs of three classes of students:

1. Those who desire to teach the subject.
2. Those who desire a general knowledge of the subject as a part of their liberal education.
3. Those who wish to choose it as background training required for various professional fields.

The Division of Home Economics also provides training in home making.

Requirements for a Bachelor of Science degree in Home Economics an Oklahoma life high school certificate for teaching home economics and a life vocational certificate are included in this program.

### DESCRIPTION OF COURSES

#### Clothing and Textiles

**H. E. 100—Crafts** **Credit 2 hours**

Studies in various forms of structural and decorative design. Instruction in special techniques suitable for public school teaching. Special projects to meet the needs and interests of individual students.

**H. E. 102—Art Color and Design** **Credit 2 hours**

This course is arranged to develop an appreciation of art as applied to the home. Development of creative ability, imagination, good judgment in handling problems in line, form and color. A study of the fundamental principles of design and their direct application to daily life. A consideration of structure proportion and arrangement and creative design in lettering.

**H. E. 103—Clothing Construction** **Credit 3 hours**

Fundamental processes of clothing construction are applied in simple clothing problems. Emphasis is placed on selection, techniques, economy, care and renovation of clothing.

**H. E. 104—Costume Design** **Credit 2 hours**

Garments for various types of individuals are studied and designed. Emphasis is placed on color harmony and line in design. Economic and psychological factors influencing selection, accessories and backgrounds are included. Prerequisite H. E. 101, H. E. 103.

**H. E. 105—Textiles** **Credit 2 hours**

Study of factors essential to intelligent selection and care of textile materials. Standardization and identification of fibers and fabrics. Trend

in textile production and trade conditions influencing the consumer are studied.

**H. E. 302—Children's Clothing** **Credit 2 hours**

A study of clothing requirements, problems in selection, planning and making of children's garments. Special emphasis is placed on workmanship, comfort and hygienic qualities, essential for the growing child. Prerequisite H. E. 101, H. E. 108.

**H. E. 354—Home Planning and Furnishing** **Credit 3 hours**

The arrangement and selection of the house and its furnishings, are studied from the standpoint of function, efficiency and design. Rendering of plans, elevations and details. Color schemes are based on appropriate patterns in planning ensembles for the whole house. Prerequisite H. E. 101.

**H. E. 401—Costume Tailoring** **Credit 3 hours**

Special problems in dressmaking and costume suits which require tailored finishes. Prerequisites H. E. 108, H. E. 302.

**H. E. 402—Clothing Problems** **Credit 4 hours**

A study of clothing problems applicable to personality and complexion types. Students are required to construct garment for themselves and other individual types involving principles which show good taste in color, line and design. Emphasis is placed upon planning, construction, care and renovation of the family clothing. Prerequisite H. E. 101, H. E. 103, Offered in summer session only.

### Food and Nutrition

**H. E. 231—Food, Selection and Preparation** **Credit 4 hours**

Emphasis is placed upon the selection and preparation of food on a reduced or emergency budget. Low cost as well as rational commodities are stressed. Reference is made to the quantity, quality, and variety of foods now available to consumers. Lecture 1 hour, Laboratory 4 hours.

**H. E. 232—Advanced Foods** **Credit 4 hours**

Subject matter and laboratory practice related to the planning and serving of meals are presented. Laboratory problems are planned, with a week's rationed meals for specific groups, or stated composition, activity and incomes as a basis. Prerequisite H. E. 231. Lecture 1 hour, Laboratory 4 hours.

**H. E. 233—Household Economics** **Credit 2 hours**

The main objective is to discover and point the way toward wiser consuming practices necessary to promote human welfare.

**H. E. 403—Fine Cookery** **Credit 2 hours**

Emphasis is placed upon the artistic application of form, color, texture and decoration of foods to produce products suitable for special occasions. Prerequisite H. E. 231, H. E. 232.

**H. E. 404—Newer Aspects of Foods and Cookery** **Credit 2 hours**

Survey of research work being done in foods by various special bureaus, educational institutions, commercial firms, and scientists. New books and magazine articles are reviewed. Prerequisite, Junior or Senior rating.

**H. E. 331—Nutrition** **Credit 3 hours**

Emphasizes the factors in an adequate diet thus enabling one to understand human requirements better and to use our common food materials to greater advantage. A study of individual dietary needs with special regard to the relation of such knowledge to health. Wartime nutritional problems are considered specifically.

**H. E. 405—Child Nutrition** **Credit 2 hours**

This is a study of child requirements and the preparation of food for preschool children; causes, effects, and prevention of malnutrition; and case studies.

**H. E. 353—Health of the Family** **Credit 2 hours**

Elementary and emergency methods of preventing diseases and caring for the sick in the home.

**Home Management and Family Life****H. E. 352—Household Equipment and Physics** **Credit 4 hours**

Emphasis is placed upon the selection, methods of operation, and care of household equipment. More emphasis is placed upon the care and use of equipment in order to prolong its efficiency as a result of the war. A study is being made of the new substitutes to be used in the construction of postwar equipment.

**H. E. 482—Home Management and Residence** **Credit 5 hours**

A study of ways and means of developing managerial abilities in the organization of a home and family group. Human and material resources are considered. Senior rating required.

**H. E. 481—Family Relationships** **Credit 2 hours**

Is the study of the family groups, its place in the present social order and the possible changes that will occur during the postwar era.

**H. E. 283—Elementary Child Care** **Credit 2 hours**

A critical examination of experimental literature in child development from the standpoint of its application to preschool children. Individual problems.

**Home Economics Education****371—Methods in Teaching Home Economics** **Credit 3 hours**

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; techniques in teaching which contribute to growth in democratic living; and evaluating changes in be-

havior. Major emphasis on techniques of teaching. Opportunity given for each student to work on a problem of her own particular interest. Prerequisite, Educational Psychology, Educational Measurements, Philosophy of Education and Junior College Standing.

**474—Observation and Student Teaching** **Credit 6 hours**

A. Study of home and community through home visiting and participating in community activities. Observation of and some experience in organization of home economics in small and large departments and in general and vocational homemaking departments.

B. Preparation of teaching materials, visits to schools. Teaching of homemaking classes on grade levels from elementary school correlation to adult classes. Individual and group conferences. Prerequisite, Educational Psychology, Philosophy of Education, Educational Measurements and H. E. 371.

**H. E. 480—Problems in Teaching Homemaking** **Credit 2 hours**

A basic method course for experienced teachers. Problem and project methods, pupil participation, discussion techniques, group experiences and evaluation in homemaking. Prerequisite, H. E. 371 and 474. Offered in summer session only.

**H. E. 490—Adult Education in Homemaking** **Credit 2 hours**

Analysis of the activities and opportunities for home economics in the adult education field. Organization procedures, curriculum materials and methods of conducting adult study groups. Classes in homemaking for women will be used for observation. Offered in summer session only.

**CURRICULUM**

**Bachelor of Science in Home Economics**

**FRESHMAN YEAR**

First Semester	Hrs.	Second Semester	Hrs.
Engl. 101—English Comp. ....	3	Engl. 102—English Comp. ....	3
Chem. 101—Gen. Chem. ....	3	Chem. 102—Gen. Chem. ....	3
H. E. 100—Orientation ....	2	H. E. 102—Art, Color, Design.....	2
Art 101—Prin. Art ....	2	H. E. 103—Clothing ....	3
H. E. 105—Textiles ....	2	Ag. 105—Gen. Ag. ....	2
H. E. 233—H. H. Ec. ....	2	Hist. 207—Okla. Hist. ....	2
P. E. 101—Floorwork ....	1	P. E. 102—Floorwork ....	1
	15		16

## SOPHOMORE YEAR

Engl. 201—Adv. Gram. ....	3	Engl. 212—Public Speaking .....	3
Chem. 311—Org. Chem. ....	3	Pol. Sc. 240—Am. Gov't. ....	3
H. E. 231—Foods .....	4	H. E. 232—Adv. Foods .....	4
Ed. 201—Gen. Meth. ....	3	H. E. 104—Costume Design .....	2
Soc. 202—Am. Hist. ....	3	Ed. 102—Ed. Psych. ....	3
P. E. 201—Adv. Floorwork .....	1	H. E. 353—Health of Family.....	2
	—	P. E. 202—Adv. Floorwork .....	1
	17		—
			18

## JUNIOR YEAR

H. E. 354—H. Plan. & Furn. ....	3	H. E. 331—Nutrition .....	3
H. E. 352—HH. Equip. Phy. ....	4	Soc. 372—Rural Soc. ....	3
Ed. 314—Phil. of Ed. ....	3	H. E. 302—Child Clothing .....	2
Biol. 450—Bacteriology .....	3	Ed. 450—Prin. of Sec. Ed. ....	2
Soc. 303—Negro Hist. ....	3	Ed. 222—Adol. Psychology .....	3
	—	Electives .....	4
	16		—
			17

## SENIOR YEAR

H. E. 483—Child Care & Training .....	3	H. E. 474—a, b—Obs. & App. Tch. ....	6
H. E. 371—H. Ec. Meth. ....	3	H. E. 482—H. Mgn. & Res. ....	5
H. E. 401—Costume Tailor .....	3		—
H. E. 481—Family Relation .....	2		11
Electives .....	6		
	—		
	17		

## SENIOR OPTIONS

First Semester	Hrs.	Second Semester	Hrs.
H. E. 402—Cloth. Prob. ....	4	H. E. 490—Adult Homemaking.....	2
H. E. 403—Fine Cookery .....	2	H. E. 406—Prob. Presch. Ed. ....	2
H. E. 404—Newer Aspects of Foods, Cookery .....	2	H. E. 407—Obs. Nursery School....	2
H. E. 405—Child Nutrition .....	2	H. E. 486—Child Study & Parent Ed. ....	3
H. E. 200—Adv. Crafts .....	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.
3. To provide professional and technical training in certain branches of engineering.

### Organization

To achieve our 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 Oklahoma. Options are offered in Woodwork, Drawing, Auto Mechanics, Printing, Electricity, Plumbing, Tailoring, Shoemaking, Steam Power Plant operation.

Curriculum 2. To provide professional and technical training in the Engineering field of Management, Architecture, Electricity.

Curriculum 3. To satisfy the needs of the individual who from force of circumstances or other causes desires information or trades experience in a particular field.

Curriculums 1 and 2 carry full college credit and a degree will be granted in each upon the successful completion of the required courses of study where a four year curriculum is outlined. The curricula in Architecture and Electricity are maintained upon Junior college level. 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.

The Industrial engineering curriculum is based on the fundamental sciences of mathematics, physics, and mechanics, which are the foundation subjects of engineering. Other basic courses endeavor to give the prospective student a broad understanding of the engineering field as a whole. Graduates of this course are prepared to enter positions in the managerial activities of engineering such as sales and purchasing, personnel, planning and cost control, including features of plant location and factory planning, plant maintenance, production design and development and the administration and management of industries.



## DESCRIPTION OF COURSES

### Department of Auto Mechanics

- Ind. 111—Automobile Construction and Design** **Credit 2 hours**  
Principles of construction and operation of Automobiles.
- Ind. 112—Fuel and Lubrication Systems** **Credit 2 hours**  
Servicing and repair of fuel pumps, carburetors, gasoline gauges. Maintenance of engine oiling systems and chassis lubrication.
- Ind. 114—Metal Work** **Credit 2 hours**  
Principles and practices in elementary sheet metal work.
- Ind. 211—Front End Design, Transmission, Differentials and Brakes** **Credit 2 hours**  
Construction, adjustment and repairs.
- Ind. 212—Automobile Engines** **Credit 2 hours**  
Design, maintenance and repair.
- Ind. 311—Automotive Electrical Systems** **Credit 2 hours**  
Ignition, lighting systems and batteries; trouble shooting in the automotive electrical system.
- Ind. 312—Generators, Starters and Lathe Operation** **Credit 2 hours**  
Construction, operation and repair of generators and starters, with use of lathe in making repairs.
- Ind. 411—Body and Fender Work** **Credit 2 hours**  
Procedure in body and fender repair, including welding and painting with spray guns.
- Ind. 412—Shop Management and Foremanship.** **Credit 2 hours**  
Principles and practices of shop management and operation.
- Ind. 413—Elective, Electric and Acetylene Welding** **Credit 2 hours**  
Principles and practices of acetylene and electric welding.
- Ind. 414—Machine Shop Practice** **Elective—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 drawings, 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, planes, and solids. Lab. 4 hrs.
- 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—Architectural Drawings** **Credit 2 hours**  
A study of the orders of architecture and elementary study of architectural units and composition.
- Ind. 472—Architectural Drawing** **Credit 2 hours**  
A continuation of Ind. 471 and includes problems in architectural design and building construction.
- Ind. 273—Lettering (Elective)** **Credit 2 hours**  
The study of lettering. Design of posters and signs. Historic forms and principles of composition.
- Ind. 373—Free Hand Drawing (Elective)** **Credit 2 hours**  
Elementary free hand drawing with pencil and charcoal from geometric objects and still life.

### Applied Electricity

- Ind. 191—Wiring** **Credit 2 hours**  
Theory and practice in wiring simple fixtures, measuring and bending conduit.
- Ind. 192—Wiring** **Credit 2 hours**  
Advanced course in wiring, including a study of electrical fixtures, machines and appliances.
- Ind. 291—Job Management** **Credit 4 hours**  
Estimation and management of electrical jobs, with practical experience.
- Ind. 292—Radio 1.** **Credit 2 hours**  
A study of elementary circuits in radio; induction, capacity, oscillating circuits, and low frequency cycles.

### Laundering

- |  |                       |
|--|-----------------------|
| <b>Ind. 121—Washroom Practice</b>                                  | <b>Credit 2 hours</b> |
| A study of fabrics, equipment and washroom practice.               |                       |
| <b>Ind. 122—Washroom Practice</b>                                  | <b>Credit 2 hours</b> |
| Continuation of 121. Special renovation and ironing.               |                       |
| <b>Ind. 221—Laundry Science</b>                                    | <b>Credit 2 hours</b> |
| Laundry science and test applications.                             |                       |
| <b>Ind. 222—Laundering</b>   | <b>Credit 2 hours</b> |
| Laundry machinery, practical work and a study of laundry machines. |                       |
| <b>Ind. 203—Care of Equipment</b>                                  | <b>Credit 2 hours</b> |
| <b>Ind. 215—Same as Ind., Eng., Mig. Processes</b>                 | <b>Credit 2 hours</b> |
| <b>Ind. 321—Boiler, Boiler Room Practice</b>                       | <b>Credit 2 hours</b> |
| <b>Ind. 322—Types of Laundries</b>                                 | <b>Credit 2 hours</b> |
| A study of the types of laundries with blue print reading.         |                       |
| <b>Ind. 421—Practical Work</b>                                     | <b>Credit 2 hours</b> |
| Continuation of 322 with general practice.                         |                       |
| <b>Ind. 422—Management</b>   | <b>Credit 2 hours</b> |
| The organization and administration of the laundry.                |                       |
| <b>Ind. 424—Dry Cleaning &amp; Alterations</b>                     | <b>Credit 2 hours</b> |
| Same as 434.   |                       |

### Photography

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|--|-----------------------|
| <b>Ind. 381</b>  | <b>Credit 2 hours</b> |
| Theory and practice of photography with view and hand cameras; development of plates and printing. |                       |
| <b>Ind. 382—(Continued)</b>  | <b>Credit 2 hours</b> |
| Enlargements, reductions and reproductions of photographs, scenes, maps, etc.                      |                       |

### Printing

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|--|-----------------------|
| <b>Ind. 151—Fundamentals of Printing</b>   | <b>Credit 2 hours</b> |
| Learning type cases and type faces. Study of sizes and type families. Practice of straight matter setting. |                       |
| <b>Ind. 152—Straight Matter Setting</b>  | <b>Credit 2 hours</b> |
| Simple jobs and layouts. Platen press feeding, elementary stonework.                                       |                       |
| <b>Ind. 251—Study of Forms</b>   | <b>Credit 2 hours</b> |
| Impositions, elementary design and display.  |                       |

- Ind. 252—Intermediate Design** **Credit 2 hours**  
Study of forms in general. Study of effective type arrangements.  
Ruled forms.
- Ind. 351—Advanced Design and Layouts** **Credit 2 hours**  
Study of book and periodical forms. Elementary Linotype operation.  
Multi-color presswork.
- Ind. 352—Study of Paper Stocks** **Credit 2 hours**  
Figuring costs, printing office accounts, intensive shop practice.
- Ind. 451—Binding** **Credit 2 hours**  
Study of stapling, perforating and cutting machinery. Proof reading.  
advanced press work.
- Ind. 452—Management** **Credit 2 hours**  
Study of various types of printing establishments; elementary news-  
paper practice. Shop management.

#### Shoemaking

- Ind. 161—Elementary Shoe Repairing**  
This course is for the purpose of teaching the student the care and  
use of shoe making tools, equipment, materials, types of shoe construc-  
tion, and how they are repaired.
- Ind. 162—Elementary Shoe Repairing** **Credit 2 hours**  
Building heels of all styles and types and half soling welt shoes.
- Ind. 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.
- Ind. 262—Advanced Repairing** **Credit 2 hours**  
Review of the 1st semester work and cement soling.
- Ind. 361—Elementary Shoemaking** **Credit 2 hours**  
Putting on men and ladies whole soles, color dyeing, and introduc-  
tion to making of new shoes.
- Ind. 362—Elementary Shoemaking** **Credit 2 hours**  
Fitting inner soles, counters, boxes, toe caps, welts, sewing and finish-  
ing soles and heels.
- Ind. 363 (Elective)** **Credit 2 hours**  
Study and practice in leather crafts.
- Ind. 461—Productive Basis** **Credit 2 hours**  
Work in shop of a productive nature. Repairs and other jobs.
- Ind. 462—Advanced Shoe Making** **Credit 2 hours**  
Drafting, upper making, shop management and business methods in  
conducting a shop.

- Ind. 463—Measurements (Elective)** **Credit 2 hours**  
 Making lasts to fit the foot and lasting hand made shoes.

### Tailoring

- Ind. Elementary Tailoring** **Credit 2 hours**  
 A study in the use of simple tools with elementary practice work.
- Ind. 132—Rebuilding** **Credit 2 hours**  
 Making general alterations and making over suits.
- Ind. 231—Beginner's Drafting** **Credit 2 hours**  
 The drafting and making of uniform trousers.
- Ind. 232—Beginner's Drafting** **Credit 2 hours**  
 Continuation of course 231.
- Ind. 331—Drafting** **Credit 2 hours**  
 The drafting and making of citizens trousers.
- Ind. 332—Drafting** **Credit 2 hours**  
 Drafting of coats and making of coats.
- Ind. 333—Upholstering** **Credit 2 hours**  
 A study of upholstering materials, tools and completion of upholstering projects.
- Ind. 431—Productive Basis** **Credit 2 hours**  
 Shop work of a productive nature in repair, alteration and renovation of suits, coats and other clothing.
- Ind. 432—Management** **Credit 2 hours**  
 Continuation of 431 and Ind.424 with actual practice in conducting a shop.

### Plumbing

- Ind. 141—Elementary Plumbing** **Credit 2 hours**  
 Fundamentals of plumbing, tools, devices and materials used in trade. Joint wiping, wiping ferrules, nipples and branch joints of all sizes.
- Ind. 142—Plumbing** **Credit 2 hours**  
 Pipe bending, wiping solder, sheet lead work, roof flashings and general use of soldering iron. Roughing in all classes of plumbing fixtures.
- Ind. 241—Finishing Work** **Credit 2 hours**  
 Finishing fixtures on soil and lead jobs, automatic tanks, valves, and installation of water and steam lines.
- Ind. 242—Finishing Work (Continued)** **Credit 2 hours**  
 Continuation of 241 and testing of traps. Radiation and boiler work for steam and hot water heating systems.

**Boilerroom Practice**

- Ind. 181—Boilers** **Credit 2 hours**  
Firing of boilers, study of fuels, types of boilers.
- Ind. 182—Boiler Room Practice** **Credit 2 hours**  
Boiler room practice, stokers, testing and study of pumps, injectors, traps and feed water heaters.
- Ind. 281—Boiler Room Practice** **Credit 2 hours**  
Valve diagrams, gears, governors, steam engine indicators. D. C. motors, starting apparatus.
- Ind. 282—Refrigeration** **Credit 2 hours**  
Air compressors, refrigeration, types of refrigerants, coils and piping.

**Manual Training**

- Ind. 101—Bench Work** **Credit 2 hours**  
Required of all Industrial Education students. Elementary hand wood-working, 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 of same being made on small pieces of furniture.
- Ind. 103—Wood Turning** **Credit 2 hours**  
Required of all Industrial Education students. This is the beginning course in wood turning.
- Ind. 201—Cabinet Making** **Credit 2 hours**  
Required of all Industrial students. A beginning course in machine woodworking, 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, 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. Elective.

- Ind. 301—Industrial History** **Credit 2 hours**  
 This course deals with the stages of development in industry, and its present trends.
- Ind. 302—Wood Finishing** **Credit 2 hours**  
 A study of various finishes and their composition, including a study of woods.
- Ind. 333—Upholstering** **Credit 2 hours**  
 A study of upholstery materials and project practice.
- Ind. 401—Productive Basis** **Credit 2 hours**  
 Operation of shop as a productive unit making furniture and other articles of use in particular major field.
- Ind. 402—Shop Work on Productive Basis** **Credit 2 hours or 4**
- Ind. 405—Advanced Furniture Making** **Credit 2 hours**  
 Practice in woodwork in advance of the requirements of the course.
- 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.

#### Industrial Arts Education

- Ind. 410—Curriculum Construction** **Credit 3 hours**  
 Conferences, investigations and discussions for advanced students and mature persons who have had experience as teachers, supervisors or administrators with one or more phases of Vocational Edu.
- Ind. 411—Seminar in Vocational Edu.** **Credit 3 hours**  
 Testing and grading. Treatment of test and their application in educational Vocational and Industrial Guidance.
- Ind. 412—Problems in Industrial Arts Edu.** **Credit 3 hours**  
 Group and individual investigations and class discussions of teaching problems of Ind. 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 hrs. industrial education.
- Ind. 413—Co-ordination** **Credit 3 hours**  
 The duties, and responsibilities to a co-ordinator. Relationship of Vocational Education Trade and Industrial Education, with discussion of the latest Federal Laws.

#### Industrial Engineering

- 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 laboratory 3 hours per week.

**Eng. 205—Metallurgy of Iron and Steel** **Credit 2 hours**

The manufacture of ferrous products, involved calculations; pertaining to the same; constitution of iron carbon alloys; effects of mechanical and heat treatments. Two recitation periods per week.

**Eng. 206—Pattern Making** **Credit 2 hours**

For Engineering students. Elementary bench work, wood turning, and pattern making. Laboratory course.

**Eng. 208—Foundry Practice** **Credit 2 hours**

For Engineering or Special Trades students, making moulds, cores, and pouring molten metal. Laboratory course.

**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, two hours.

**Eng. 217—Mechanics, Book 1 & 2** **Credit 3 hours**

Elementary mechanics statistics; rectilinear and curvilinear motion, virtual velocities, movements of inertia; work energy, power. Recitation 3 hours per week.

**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.

**Eng. 302—Steam Power Plants** **Credit 2 hours**

The selection of size and type of boilers, location of apparatus, steam lines and water lines with practical experience gained in the school plant.

**Eng. 305—Time Study** **Credit 3 hours**

The principles and practices of time analysis of work in the shop for the purpose of setting standards of performance and improving methods of production. Laboratory 4 hours per week.

**Eng. 412—Machine Shop Practice** **Credit 3 hours**

Same as Auto Mechanics 412.

**Eng. 401—Kinematics of Machinery** **Credit 2 hours**

Instant centers; linear velocities by the instant center method; velocity diagrams; gears, belts and pulleys. Prerequisite, Ind. 171, Sci. 221. Recitation 1 hour; practice 3 hours.



- Eng. 404—Tool Design** **Credit 2 hours**  
 Special equipment and methods used in interchangeable manufacturing in the machine shop; design of the more simple special tools. Lab. 4 hrs.
- Eng. 406—Production Planning** **Credit 2 hours**  
 The design and construction of special equipment to be used in production jobs. Gig design, etc.
- Eng. 306—Industrial Organization** **Credit 3 hours**  
 The organization and management of industrial enterprises.
- Eng. 303—Advanced Heat Engineering** **Credit 2 hours**  
 As applied to steam power plants and a study of simplest phases of refrigeration and cold storage with design and location of apparatus for a refrigeration plant.
- Eng. 407—Factory Cost** **Credit 2 hours**  
 Cost accounting as applied to factory production and methods used in allocating factory costs. Prerequisite, Ind 306.
- Eng. 402—Scientific Management** **Credit 2 hours**  
 A study of present methods of management in industry.
- Eng. 416—Factory Planning** **Credit 3 hours**  
 The collection and analysis of the data required for the design of an industrial plant or shop, through tracing, blue prints, etc. With specifications of machine layout as well as heating, ventilating and lighting systems. Laboratory, 6 hours per week.
- Eng. 417—Heating and Ventilating** **Credit 3 hours**  
 An elementary course covering thermodynamics of various types of heat engines, with practical details, problems in perfect gases, steam, combination and boiler performance. Steam power plant laboratory 4 hours. Recitation 2 hours.

### The Special Trades Course

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 is composed of industrial subjects and technical training and practice in a selected trade.

- \*Trade 104A & B Trade** **Credit 8 hours**  
 Practical training in each trade. Laboratory 4 hours per day. Credit 4 hours each semester.
- Trade 114 & 115 Technical Composition** **Credit 6 hours**  
 This course is a combination of elementary grammar and English composition. This course continues into reading and writing with the use of technical terms. Credit 3 hours each semester.

**Trade 103A & B Shop Mathematics** **Credit 4 hours**

This is a course in practical mathematics which develops into special problems common to each trade. Credit 2 hours each semester.

**Trade 134—Tool Care** **Credit 2 hours**

This course deals with the names, uses, and care of tools.

**Trade 144A & B—Mechanical Drawing** **Credit 4 hours**

This course deals with the fundamental principles in drawing, with special stress on trade drawing. Credit 2 hours each semester.

**Trade 208—A & B Trade** **Credit 8 hours**

An advanced course of 104, with much stress on the development of skill. Laboratory 5 hours per day. Credit 4 hours a semester.

**Trade 228—Trade Administration** **Credit 2 hours**

Instruction related to organized efficiency in trade work.

**Trade 248—A & B Advanced Composition** **Credit 6 hours**

A continuation of course 114, including speaking.

**Trade 208—Trade Science** **Credit 3 hours**

Introductory course in general physics with emphasis on measurements, machines, heat, electrical theory and application.

**Trade 228—A & B Elective Trade** **Credit 4 hours**

Practice in any other trade. Credit 2 hours each semester.

## BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

## FRESHMAN YEAR

First Semester	Hrs.	Second Semester	Hrs.
Engl. 101—English Comp. ....	3	Engl. 102—English Comp. ....	3
Math. 101—College Algebra ....	3	Math. 106—Trigonometry ....	3
Ind. 101—Bench Work ....	2	Ind. 102—Bench Work ....	2
Ind. 171—Mech. Drawing ....	2	Ind. 172—Mech. Drawing ....	2
Ind. 114—Metal Work ....	2	Ind. 103—Woodturning or Equiv. shop in other depart. ....	2
Ind. 111 or its equivalent.....	2	Sci. 101—General Chemistry ....	3
Ind. 105—Industrial Safety ....	2	P. E. 102—Phy. Edu. ....	1
P. E. 101—Phy. Edu. ....	1		

## SOPHOMORE YEAR

Engl. 201—Adv. Grammar ....	3	Engl. 212—Public Speaking.....	3
Soc. 202—American History ....	3	Pol. Sci. 240—American Gov't ....	3
Sci. 221—General Physics ....	4	Sci. 222—General Physics ....	4
Ind. 203—Care of Equipment.....	2	Ed. 102—Edu. Psychology ....	3
Ind. 201—Cabinet Making or equivalent shop ....	2	Ind. 202—Cabinet Making or Equiv. ....	2
Ind. 271—Working Drawings ....	2	Ind. 272—Descriptive Geometry....	2
P. E. 201—Phy. Edu. ....	1	P. E. 202—Phy. Ed. ....	1

## JUNIOR YEAR

Ed. 201—General Methods ....	3	Electives ....	3
Ind. 301—Industrial History ....	2	Ed. 222—Adolescent Psychology....	3
B. A. 251—Elem. Accounting ....	3	Ed. 450—Measurements ....	3
Ind. 302—Wood Finishing or Equiv. ....	2	B. A. 252—Cost Accounting ....	3
Ind. 371—Machine Drawing ....	2	Ind. 204—Carpentry or Equiv. ....	2
T & I 372—Hist. & Phil. of Voc. Edu. ....	3	Ind. 372—Ind. Arts Design ....	2
		Soc. 207—Okla. History ....	2
		Electives ....	3

## SENIOR YEAR

Ed. 450—Prin. of Sec. Edu. ....	2	Electives ....	6
T & I 393—Methods of Teaching....	3	T & I 394—Practice Teaching.....	3
Ind. 401—Productive Basis or Equivalent ....	2	Ind. 402—Productive Basis ....	2
Soc. 221—Economics ....	3	Soc. 222—Economics ....	3
Ind. 471—Architect. Drawing ....	2	Ind. 472—Architect. Drawing ....	2
		Electives ....	6

**B. S. IN INDUSTRIAL ENGINEERING****FRESHMAN YEAR**

First Semester	Hrs.	Second Semester	Hrs.
Math. 101—College Algebra.....	3	Math. 106—Trigonometry .....	3
Sci. 101—General Chemistry.....	3	Sci. 102—General Chemistry .....	3
Ind. 171—Mech. Drawing .....	2	Ind. 172—Mech. Drawing .....	2
Engl. 101—English Com. ....	3	Engl. 102—English Composition....	3
Eng. 116—Engineering Lectures...	2	Eng. 115—Surveying .....	3
Ind. 101—Bench Work .....	2	Ind. 114—Metal Work .....	2
P. E. 101—Phy. Ed. ....	1	P. E. 102—Phy. Ed. ....	1

**SOPHOMORE YEAR**

Math. 204—Analytic Geometry .....	4	Sci. 222—Physics .....	4
Sci. 221—General Physics .....	4	Ind. 202—Cabinet Making & Patternmaking .....	2
Ind. 201—Cabinet Making .....	2	Ind. 215—Forge & Heat Treat- ment .....	2
Eng. 205—Metallurgy of Iron and Steel .....	2	Engl. 212—Public Speaking .....	3
Engl. 201—Advanced Grammar .....	3	Ind. 272—Descriptive Geometry ...	2
Ind. 271—Working Drawing .....	2	P. E. 202—Phy. Ed. ....	1
P. E. 201—Phy. Ed. ....	1	Math. 305—Calculus .....	4

**JUNIOR YEAR**

B. A. 251—Elementary Account....	3	B. A. 252—Cost Accounting .....	3
Eng. 417—Heating and Venti- lation .....	3	Eng. 302—Steam Power Plants....	3
Math. 306—Integral Calculus .....	4	Eng. 217—Mechanics .....	3
Ind. 371—Machine Design .....	2	Ind. 372—Ind. Arts Design.....	2
Eng. 215—Ind. Eng. Mfg. Pro- cesses .....	2	Ind. 191—Wiring .....	2
Eng. 305—Time & Motion Study....	3	Eng. 407—Factory Costs .....	2
		Electives .....	2

**SENIOR YEAR**

Soc. 221—Economics .....	3	Ind. 472—Architectural Draw. ....	2
Ind. 471—Architectural Draw. ....	2	Eng. 416—Factory Planning.....	3
Eng. 406—Production Planning....	3	Eng. 402—Scientific Manage- ment .....	2
Eng. 404—Tool Design .....	4	Ind. 351—Photography .....	2
Eng. 303—Steam Power Plants....	4	Electives .....	6
Electives .....	4		
Soc. 222—Economics .....	3		

**TECHNICAL TRADES****(2 year course)**

The Curricula in technical training are designed to give the student actual practice in the trade selected under direct supervision of an expert in the trade. Other related subjects of Science, Mathematics, Drafting, etc., are included to assure the individual of a technical foundation for his work.

With the permission of the Director, a student may substitute courses of College level for the related courses in English, Mathematics, etc. Trades experiences are offered in the following:

**Technical Trades**

Wood Work .....	0
Auto Mechanics .....	1
Laundry .....	2
Tailoring .....	3
Plumbing .....	4
Carpentry .....	5
Shoe Shop .....	6
Machine Shop .....	7
Boiler Room Practice .....	8
Electricity .....	9

\* Code number for different shops to be inserted in middle number of Registration when student is signing for selected Trade, thus 104A indicates that selected trade is in Wood Shop.

Students enrolling in these courses must have the approval of the Director of the Division of Mechanic Arts.

**FIRST YEAR**

First Semester	Hrs.	Second Semester	Hrs.
Trade 104A Selected Trade.....	4	Trade 104B Selected Trade .....	4
Trade 114 Tech. Comp. ....	2	Trade 114B Tech. Comp. ....	2
Trade 124A Shop. Math. ....	2	Trade 124B Acct. Tradesman .....	2
Trade 144A Mech. Drawing .....	2	Trade 144B Mech. Drawing.....	2
P. E. 101 Phy. Ed. ....	1	P. E. 102 Phy. Ed. ....	1

**SECOND YEAR**

Trade 208A Selected Trade .....	4	Trade 208 B Selected Trade.....	4
Trade 134 Tool Care .....	2	Trade 248B Public Speaking.....	2
Trade 268 Trade Science .....	3	Trade 391 Practical Elect. ....	2
Trade 248 A, Eng. Gram. ....	2	P. E. 202 Phy. Ed. ....	1
P. E. 201 Phy. Ed. ....	1		

## DEPARTMENT OF TRADES AND INDUSTRIAL EDUCATION

The Department of Trades and Industrial Education serves as the agency, appointed by the State Board of Vocational Education, to offer instruction for the preparation of Negro teachers of Industrial Vocational Education. This function is accomplished, in part, through campus classes for prospective shop and related teachers and, in part, through classes and conferences for teachers in service. The latter meetings are held on week-ends at Langston and during the week in centers throughout the state.

Prospective shop and related subject teachers and coordinators secure their technical subject matter in the various divisions of the college, such as the Division of Arts and Sciences, Division of Home Economics, etc. Technical subject matter is supplemented by the professional study offered by this department. State certification requirements include (a) two years of practical experience, in addition to apprenticeship or learning period, in the trade or occupation which is to be taught, for shop teachers, and (b) 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 related subject teachers, and (c) three years of experience in a trade or occupation; one year in continuous employment, and two years of teaching experience or the time equivalent in personnel direction, foremanship, or managerial experience, for coordinators in part-time vocational educational programs.

### Special Requirements for Teachers

All students interested in teaching industrial vocational education shopwork 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 in technical study.

### Recommended Curricula for Prospective Trade Teachers

#### **T. & I. 383—Introduction to T. & I. Education**

Designed as a pre-service, orientation course and will be given as a pre-service course whenever possible.

#### **T. & I. 392—Instructional Planning**

A workshop-type course for the selection and development of schedules of pertinent work experiences, 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. 393—Instructional Procedure and Techniques**

This course is designed to raise the level of instructional ability of

Note—Last number indicates course credit.

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. 372—History and Philosophy of Vocational Education**

This course deals with the history and basic principles involved in the philosophy of vocational education. Special emphasis will be placed upon post-war conditions as they will affect vocational education programs.

**T. & I. 394—Supervised Teaching Practice**

This course is intended to provide an opportunity for the teacher to apply and further develop, under the supervision of a teacher trainer, the teaching skills partially developed in previous and concurrent courses. 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.

**T. & I. 462—Occupational Guidance and Readjustment**

This course will deal with factors relating to vocational counseling, placements and readjustments, and is recommended as a valuable course for trade instructors and those in the school organization who direct and advise high school students and others on the selection of an occupation.

**T. & I. 463—Workshop in Preparation and Use of Instructional Aids**

This course affords an opportunity for trade teachers to get information about types of teaching aids that have proven effective, and to design and construct devices which will improve the efficiency of his instruction.

**T. & I. 493—Organization and Management of the School Shop**

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 the effective operation of the school shop.

**T. & I. 483—Principles and Practices in Maintaining Good Human Relationships.**

The aim of this course is to give teachers an understanding of principles which apply to maintaining good human relationships, the ability to cooperate effectively with others in developing and promoting the objectives of trade training, and to develop desirable social and work attitudes in students.

**T. & I. 473—Evaluation of Instruction**

A study of the functional devices and procedures especially adapted to evaluating and improving the effectiveness of instruction in trade shop work.

**T. & L. 492—Correlation of Training With Industrial and Community Needs**

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 objective of the course will be developed through the use of conference procedure, the use of case problems, simulated situations, and supervised practice in making industrial contacts.

**SPECIAL TRADE COURSES****Courses**

Auto Mechanics	Electrical Repair
Carpentry	Machine Shop
Commercial Dietetics	Radio Servicing
Cosmetology	Shoe Repair

**General Objectives**

- A. To prepare efficient tradesmen and tradeswomen
  1. Skilled and semi-skilled workers
  2. Prepare men and women to meet state requirements of their chosen occupation
  3. To give information on labor laws and requirements of the trade worker
- B. To prepare instructors
- C. To help develop needed technical workers in various trades
- D. To offer Refresher Courses and help employed tradesmen and tradeswomen to advance on their jobs

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 completion of a trade training course the State Board of Vocational Education and Langston University issue trade certificates certifying hours completed and student's rating. Trade and technical trade training is not given for college credit, the chief objective being training for employment and advancement in the chosen trade or industry.

Cosmetology graduates complete the 1000 clock hours required by the State Board of Cosmetology for eligibility to the state examination required before one can work in Oklahoma. To date not a single Langston trained cosmetologist has failed to pass the State Board of Cosmetology. Many are making good as operators, shop managers, owners, and teachers.



### Description of Courses

#### **T. & I. Auto Mechanics**

Designed to give maintenance service station operation and reconditioning service.

#### **T. & I. Carpentry**

The course in carpentry is designed to give the student progressive practical experience in all branches of carpentry work under the supervision of the shop instructor.

#### **T. & I. Commercial Dietetics**

This course offers an opportunity for young men and women to secure sound training in the commercial aspects of buying, preparing, and serving foods.

#### **T. & I. Cosmetology**

This course is designed to provide a higher type of training for youth and adults interested in earning a living in the field of cosmetology. It provides training under actual working conditions and gives the technical training occupational information which the worker needs to succeed and advance in this field. The trainees are equipped to pass the State Board examination.

#### **T. & I. Electrical Repair**

Designed to give progressive practical experience in electrical work under the guidance of a shop instructor.

#### **T. & I. Machine Shop**

Designed to acquaint the student with the use and care of hand tools; filing, chipping, tapping, threading, and reaming, and with the use and care of power machine, grinding, drilling, boring and lathe operations.

#### **T. & I. Radio Servicing**

A course designed to give radio servicing procedure with experience in servicing actual production jobs.

#### **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 shoe repair machinery and tools, and the ways of selecting and judging leather and other shoe repair materials.

### FLIGHT INSTRUCTION

#### **Elementary Flight Instruction**

**Credit 3 hours**

To be concurrent with Principles of Flight—a course based on the C. P. T. Elementary Program—40 hours in a 65 H.P. Airplane. Credit received upon receipt of Private Pilot License or Certificate of Proficiency.

**Principles of Flight****Credit 2 hours**

A ground course including Civil Air Regulations, Meteorology, General Service of Aircraft, Navigation.

This course to run concurrent to or as a prerequisite to Elementary Flight Instruction.

**Theory of Flight**

This course required of each student taking flight instruction for credit. It is a flight maneuver course and will be scheduled along with flying.

A laboratory fee of \$9.50, if dual, \$8.00, if solo, is charged for each hour of flying.

These courses will be offered provided the demand is sufficient.

## **CORRESPONDENCE AND EXTENSION DEPARTMENT**

### **General Information**

The purpose of these courses is to make it possible for the teachers in the county to have an opportunity, during their regular school term, to prepare themselves for more efficient service.

Teachers who complete successfully the work of these classes obtain college credit and are aided in securing State Certification.

### **Range of Appeal**

The courses listed in this catalogue are planned to be of service particularly to the following group of people:

1. Men and women who have not had the advantage of much schooling but who realize that pleasure and profit would be gained by systematic course of study.
2. Teachers who are unable to stop a year out of the class room to attend the work of the regular session.
3. Teachers who have pursued their courses in other states but who are required to meet the requirements of Oklahoma.
4. Professional and business men who wish to supplement their training.

### **Methods of Instruction**

Each lesson contains the directions for study, a view of the scope of the work, the reference to text books giving chapters and page, suggestions for assistance, questions to test the work done by the student. After preparing the lesson, the student writes the questions, then the answers; mails his paper direct to the Correspondence Department. The paper is corrected, commented upon and returned to the student with the grade for the lesson. If the work is unsatisfactory it is required to be done in a satisfactory manner. The student thus has a good second chance to see that he understands his work and to do his best.

### **Fees**

Fees must be paid in advance. The cost per course is five dollars (\$5.00) per semester hour. In case courses are dropped no money will be refunded. Money paid may be transferred to another course in this department providing this transfer is made within two weeks of enrollment date. Personal checks are not acceptable. Postal Money Orders are preferable.

### **How To Enroll**

The student who wishes to begin correspondence study should have a record of the transcript of his grades in high school and college work

sent to the registrar of the institution as near the time he makes application for the course he desires as is possible for him to do so. This will save time, since the transcript will show what work he has done, and will make it easy to determine the course which he can pursue with the greatest amount of profit. Upon receipt of the fee after the transcript has been received, the first assignments will be sent with explicit directions for study and returning written recitation and reports. Each recitation will be returned with such corrections and suggestions as are thought necessary.

#### **Time Allowance**

Students are expected to finish the work for which they have applied before the end of the school term in which he makes application. A student is expected to finish a course before the end of a period in which he enrolls. The periods end on September 30, February 15, and June 10, of each year.

Upon the completion of a course, the student is given a recitation grade. After passing an examination of the course he is given his final grade, which is placed on record in the office of the registrar. If he has a record of residence work in the University, credit is transferred to that record.

#### **Departmental Regulations**

While a student may take correspondence work at any time during the regular session, it is advisable that he begin his work as early as possible that he may have credit for it by taking the required examination before the end of each period.

Students with sixty (60) or more semester hours of credit in the institution should have the approval of the directors of the Correspondence and Extension Divisions respectively, as well as the approval of the Dean of the College, if the hours taken in this division are to be accepted towards the graduation requirements.

A student may not take Extension or Correspondence work while enrolled for class room instruction.

One-fourth of the work for a degree may be taken by Extension or Correspondence.

Examinations should be taken not later than two weeks before the close of the spring term. All financial obligations must be cleared before the examination will be given. In the event a student fails a course no money will be refunded.

Thirty (30) hours of work can be taken through the Correspondence and Extension Division. Fifteen (15) hours of which must not be taken in the Junior and Senior field.

Twelve (12) hours of work is allowed a student per calendar year. Eight (8) hours must be taken during the academic school year. The academic school year is divided into two semesters; therefore, four (4) semester hours of work can be taken each semester. A student is allowed to take four semester hours of work during our summer session. Five semester hours of work can be taken during the summer if less than eight hours was completed during the academic school year.

For full information write either the Director of Correspondence Study or the Director of Extension Study, Langston University.

## STUDENT ROSTER

## FRESHMEN

1946-1947

Name	Home Town
1. Abernathy, Calvin	Wagoner
2. Abernathy, Nola	Wagoner
3. Ables, Clyde	Guthrie
4. Abram, Johnie Walter	Ardmore
5. Ainsworth, Oliver	Ardmore
6. Alford, Violet	Weleetka
7. Alexander, Irene	Lawton
8. Allman, Thelmar	Taft
9. Anderson, Chester	Binger
10. Anderson, Erma	Okmulgee
11. Anderson, Florence	El Reno
12. Anderson, William	Binger
13. Atkinson, Jean Marie	Okmulgee
14. Ausbie, Manns	Muskogee
15. Ausbie, Melvin	Crescent
16. Autry, Otis	Beggs
17. Autry, Ruth	Beggs
18. Arnold, Charles	Frederick
19. Bacy, Irvy Lee	Rockdale, Texas
20. Banks, Merle Kenneth	Joplin, Missouri
21. Barham, Thomas Eugene	Topeka, Kansas
22. Barnes, Charles	Muskogee
23. Barnett, Alberta C.	Boley
24. Barrett, Otissey	Muskogee
25. Batchlor, Charles Dewey	Guthrie
26. Beachem, Medora	Fort Smith, Arkansas
27. Bell, Clemmie Andrew	Pawnee
28. Benford, Dorothy	Lawton
29. Bennett, Blanton	Dover
30. Bennett, Holson Virgil	Weleetka
31. Bible, Willie	Idabel
32. Birt, Levi	Ardmore
33. Black, L. Z.	Ada
34. Blair, Benjamin	Cushing
35. Blair, Paul	Cushing
36. Bledsoe, Mattie C.	Phoenix, Arizona
37. Bolden, George Anderson	Yuma, Arizona
38. Boyd, F. Inman	Muskogee
39. Boyd, Thomas	Muskogee
40. Bouren, Jack	Ardmore
41. Bramlett, Floyd Edward	Henryetta
42. Bramlett, Harry G.	Henryetta

43.	Branch, Evelyn .....	Watonga
44.	Bray, McKinley .....	Grant
45.	Brewster, Artis Leon .....	Texarkana, Ark-Tex.
46.	Brooks, Lucky .....	Coweta
47.	Brown, Ammie Mae .....	Eagletown
48.	Brown, Loverine .....	Lawton
49.	Bryant, Aaron .....	Muskogee
50.	Buford, Yvonne Delois .....	Taft
51.	Burleigh, Henry .....	Guthrie
52.	Burleigh, Isaiah .....	Guthrie
53.	Butler, Lois .....	Cushing
54.	Bizzell, Willie .....	Texarkana, Texas
55.	Calaway, Ruby Mae .....	Lawton
56.	Calhoun, Tommie .....	Wynnewood
57.	Carey, Milton Gales .....	Hugo
58.	Carroll, Herbert .....	Langston
59.	Carter, Otis P. ....	Oklahoma City
60.	Chapman, Bettye .....	Mounds
61.	Cheadle, Maurice .....	Anadarko
62.	Chocolate, Maurice .....	Shreveport, Louisiana
63.	Clemmons, J. T. ....	Wewoka
64.	Cochran, Nela Mae .....	Guthrie
65.	Cochran, Thomas .....	Winfield, Kansas
66.	Coleman, Mae Ella .....	Oklahoma City
67.	Coleman, Vernon .....	Galveston, Texas
68.	Collins, Alphonso C. ....	Muskogee
69.	Cooper, Ollie E. ....	Fay
70.	Copeland, Leo Virginia .....	Guthrie
71.	Cornwell, Raynard .....	Checotah
72.	Crawford, Louise .....	Ponca City
73.	Crenshaw, Bernard H. ....	Boley
74.	Cross, Leon .....	Mineral Wells, Texas
75.	Cross, Leslie .....	Mineral Wells, Texas
76.	Crowell, Frances Elizabeth .....	Chickasha
77.	Crumpton, Arthel E. ....	Mt. Pleasant, Texas
78.	Cudjoe, Harold S. ....	Seminole
79.	Cumby, Lucile R. ....	Langston
80.	Clemmons, Wellington .....	Oklahoma City
81.	Dace, Milton .....	Laurel, Mississippi
82.	Davis, Collis D. ....	Okmulgee
83.	Davis, Harold .....	Lawton
84.	Davis, Jesse .....	Geary
85.	Davison, Elmer .....	Crescent
86.	Dewberry, Ernest .....	Ponca City
87.	Dewberry, Lester C. ....	Ponca City
88.	Dinwiddie, Frederick .....	Taft

89.	Douglas, Walter Will	Fort Worth, Texas
90.	Dozier, Sylvester	Mt. Pleasant, Texas
91.	Drake, Mercie Lee	Ft. Worth, Texas
92.	Dunevant, Cleota	Oktaha
93.	Dunn, Willie Mae	Idabel
94.	Durant, Blaine	Tulsa
95.	Dockery, Marie Victoria	Vian
96.	Easley, Jeraldine	Stillwater
97.	Edwards, Clem	Redbird
98.	Elliott, Horace	Wichita, Kansas
99.	Evans, Jr., Claude W.	Poteau
100.	Evans, Harrell Kenneth	Poteau
101.	Evans, Willie Mae	Taft
102.	Factory, Mayme	McAlester
103.	Fields, Lonnie	Okmulgee
104.	Fisher, Clarence	Oklahoma City
105.	Fleming, Wanda Raye	Holdenville
106.	Fortner, John	Tulsa
107.	Foster, Edwin	Cleo Springs
108.	Foster, John	Guthrie
109.	Franklin, Fay N.	Davis
110.	Franklin, Marjorie	Chickasha
111.	Franklin, Sylvester	Taft
112.	Franklin, Victoria	Taft
113.	Fugett, Clarence	Waurika
114.	Fuhr, Antoinette	Muskogee
115.	Gaffney, Betty Jean	Idabel
116.	Gallington, Mattie	Sapulpa
117.	Gaines, Dorothy	Dallas, Texas
118.	Garrett, Luther	Richmond, California
119.	Gillespie, Emmitt	Starksville, Mississippi
120.	Glenn, Betty Jean	Wewoka
121.	Glenn, Cecil	St. Louis, Illinois
122.	Gipson, Harding	Waurika
123.	Gracey, Luther L.	Dover
124.	Graham, Isabel Loretta	Oklahoma City
125.	Griffin, Earl	Timpson, Texas
126.	Gross, Betty	Frederick
127.	Guess, James Edward	Okmulgee
128	Guilroy, Betty Jean	Okmulgee
129.	Gunn, Alex	Newkirk
130.	Guy, Freddie	Luther
131.	Hall, Gladys	Bristow
132.	Hancock, Allen Alonzo	Langston
133.	Harlin, Natha Raye	Choteau
134.	Harris, Katie	Watonga



135.	Hawkins, Richard Henry .....	Fresno, California
136.	Hawkins, Warren Louis .....	Mexia, Texas
137.	Herndon, Isam .....	Broken Bow
138.	Herring, Allen Nelson .....	Hartshorne
139.	Herron, Clarence .....	Dallas, Texas
140.	Hicks, Carrie Mae .....	Okmulgee
141.	Hill, James .....	Ennis, Texas
142.	Hollis, Luther .....	Hugo
143.	Hullis, Warren .....	Hugo
144.	House, Charles .....	Pueblo, Colorado
145.	Hunter, Roger .....	Dallas, Texas
146.	Hytche, William .....	Tulahassee
147.	Hamilton, William .....	Hennessey
148.	Irvin, Melvin .....	Stillwater
149.	Isaac, Arthur .....	Hugo
150.	Isaac, Vernice .....	Hugo
151.	Jackson, Leonard L. ....	Tulsa
152.	Jackson, Mitchel Melvin .....	Dallas, Texas
153.	Jackson, Ollie Joseph .....	Oklahoma City
154.	Jackson, Velma Jean .....	Sand Springs
155.	Jamerson, Emma Jean .....	Muskogee
156.	James, Herman .....	Wewoka
157.	James, Spencer McKinley .....	Seminole
158.	Jarrett, Jennie .....	Langston
159.	Johnson, Amy .....	Wynnewood
160.	Johnson, Annie Lee .....	Oklahoma City
161.	Johnson, Artie Mae .....	Grandfield
162.	Johnson, Cal .....	Okmulgee
163.	Johnson, Christine J. ....	Haskell
164.	Johnson, Thelma Lee .....	Idabel
165.	Johnson, Wallace .....	Beggs
166.	Jones, Julius .....	Denton, Texas
167.	Jones, Pearlle B. ....	Stillwater
168.	Jordan, Leonard .....	Langston
169.	Kemp, Herbert C. ....	Shawnee
170.	Kern, Charlotte Louise .....	Kingfisher
171.	King, Cedric .....	Dallas, Texas
172.	King, Margie F. ....	Mt. Pleasant, Texas
173.	Kinnard, Milford .....	Claremore
174.	Kird, Alfred Lee .....	Muskogee
175.	Kirk, Wesley William .....	Milo
176.	Lambeth, Leo .....	Newalla
177.	Lawson, Thelma Tamar .....	Stillwater
178.	Lee, Barbara .....	Tulsa
179.	Lee, Bessie .....	Jones
180.	Lewis, Lawrence Edward .....	Hartshorne

181.	Logan, Melvin .....	Earlsboro
182.	Lomax, Rena Belle .....	Oklahoma City
183.	London, Dorothy Jean .....	Oklahoma City
184.	Lowe, Arlandus .....	Sand Springs
185.	Lucas, Goldie .....	Tatums
186.	Lurks, Rosa Lee .....	Fort Gibson
187.	McCormick, Bernice .....	Chandler
188.	McCray, Johnnie .....	Dover
189.	McDaniel, Dennis .....	Sand Springs
190.	McDaniel, Edward .....	Sand Springs
191.	McGee, Vera .....	Lawton
192.	McGill, Lola .....	Oktaha
193.	McGlauthing, Andrew .....	Okmulgee
194.	McLaurin, Lorraine .....	Oklahoma City
195.	McNeeley, Gonzalo .....	Arcadia
196.	Mack, Andrew .....	Okmulgee
197.	Magnus, Winfry Lee .....	Coyle
198.	Mangrum, Arie Leon Jr. ....	Wichita Falls, Texas
199.	Mann, McKinley Monroe .....	Tulsa
200.	Mason, Matthew .....	Beggs
201.	Mast, Jimmie .....	Boley
202.	Mathis, William .....	Oklahoma City
203.	Matthews, Alfred .....	Duncan
204.	Mayes, Roxie .....	Boley
205.	Meeks, Nathaniel .....	Houston, Texas
206.	Meeks, Walter Alvin .....	Joplin, Missouri
207.	Moaning, Martha Mae .....	Newby
208.	Montgomery, Norman .....	Caldwell, Kansas
209.	Moore, Alvin .....	Tulsa
210.	Moore, Dorothy Louise .....	Dallas, Texas
211.	Moore, Frank Leon .....	Wewoka
212.	Moore, Maurice .....	Sapulpa
213.	Moore, William .....	Cushing
214.	Moore, Tallie Jr. ....	Ardmore
215.	Murphy, Joel .....	Galveston, Texas
216.	Nash, Bessie .....	Fort Gibson
217.	Neal, Lonnie George .....	El Reno
218.	Neal, Marion .....	Stringtown
219.	Neal, Mary Lou .....	Tulsa
220.	Neal, Nathaniel .....	El Reno
221.	Nealy, Wilmus Jr. ....	Teague, Texas
222.	Noble, Clayton .....	Wewoka
223.	Oliver, Carlwell .....	Oklahoma City
224.	Osby, John .....	Oklahoma City
225.	Parker, Geraldine .....	Porter
226.	Parks, Willie Milton .....	Cushing

227.	Partridge, Lillie Mae .....	Boley
228.	Patton, Legus Alexandra .....	Choctaw
229.	Payne, Jackson .....	Sasakwa
230.	Penman, June Evelyn .....	Chicago, Illinois
231.	Penn, Napoleon .....	Fallis
232.	Perkins, Gowin .....	Dover
233.	Peters, Gracie Mae .....	Boynton
234.	Phea, Evelyn Jean .....	Frederick
235.	Phillips, Johnnie .....	Boley
236.	Polk, Aubrey .....	Muskogee
237.	Pollard, Clarence .....	Oklahoma City
238.	Pope, Reginald Bryant .....	Galveston, Texas
239.	Puckett, Gwendolyn .....	Prague
240.	Quinn, Lula Lee .....	Tulsa
241.	Ragsdale, Charles L. C. ....	Coweta
242.	Randall, Muriel Shirlye .....	Rentiesville
243.	Randle, Ben .....	Hillsboro, Texas
244.	Randles, Elijah .....	Wagoner
245.	Reed, Ola Mae .....	Tulsa
246.	Rentz, Arthur .....	Wichita Falls, Texas
247.	Richard, Carrie .....	Langston
248.	Richard, Clara .....	Langston
249.	Roberson, Lula Marcia .....	Boynton
250.	Robinson, Ellsworth .....	Ponca City
251.	Robinson, Marie Lenora .....	Okmulgee
252.	Robinson, Ruby Lee .....	Claremore
253.	Roy, James Richard .....	Ada
254.	Samilton, Florence .....	Clearview
255.	Sanders, Curtis .....	Muskogee
256.	Sanders, MacDonald .....	El Reno
257.	Sanders, Rayfield .....	Oklahoma City
258.	Saunders, Leonard .....	Muskogee
259.	Scott, Janie .....	Taft
260.	Seals, Samantha .....	Muskogee
261.	Shannon, Agatha Belle .....	Fort Worth, Texas
262.	Sharp, Wanda Faye .....	Guthrie
263.	Shaver, Cecil .....	Eufaula
264.	Shaver, James D. ....	Oklahoma City
265.	Shawnee, LaFranz A. ....	Oklahoma City
266.	Shortridge, William M. ....	Muskogee
267.	Smith, Charles Walter .....	Holdenville
268.	Smith, Genella .....	Haskell
269.	Smith, George Washington .....	Kansas City, Missouri
270.	Smith, Lawrence .....	South Park, Kansas
271.	Smith, Louise .....	Jones
272.	Smith, Melvin .....	Fort Worth, Texas

273.	Smith, Sally E.	Gainesville, Texas
274.	Smith, Walter Ziggy	Houston, Texas
275.	Sneed, Mayhugh, Jr.	Sapulpa
276.	Snow, Eural Kenneth	Muskogee
277.	Starr, Clarence	Tulsa
278.	Stearns, Ermagene	Boley
279.	Stephens, Darl Wendell	Dover
280.	Stephens, Delois Clovese	Dover
281.	Stephens, Lillie Mae	Chickasha
282.	Sterling, Bercy Mae	Altus
283.	Stevenson, Hattie Marie	Elmore City
284.	Stevenson, Wilbur	Wewoka
285.	Stroud, Cloviece Roberta	Tulsa
286.	Stuart, Anna Lee	McAlester
287.	Tabb, Henry Lee	Wichita Falls, Texas
288.	Talley, Samuel R.	Coffeyville, Kansas
289.	Taylor, Audrey Mae	Lafayette, Louisiana
290.	Taylor, Wilma Lee	Ponca City
291.	Tenney, Prentice	Texarkana, Texas
292.	Thomas, Aubrey S.	Oklahoma City
293.	Thomas, Dorothy Mae	Oklahoma City
294.	Thomas, Earl B.	Vinita
295.	Thomas, Gwendolyn Yvonne	Tulsa
296.	Thomas, Martha Lenore	Cushing
297.	Thomas, Zechariah	Taft
298.	Thompson, Marie	East Bernard, Texas
299.	Thompson, Stella Mae	East Bernard, Texas
300.	Tillis, Joe Brown	Watonga
301.	Traylor, Cornelia	Arcadia
302.	Troutt, George Isaac	Okmulgee
303.	Tumey, Charles Payton	Mt. Pleasant, Texas
304.	Turner, Lee	Garland, Arkansas
305.	Torrence, Michael Ray	Little Rock, Arkansas
306.	Wagner, Jr., Arthur	Wynnewood
307.	Walker, Ozetta	Tulsa
308.	Wallace, Jeanetta	Okmulgee
309.	Warner, Joe	Crockett, Texas
310.	Warner, Mable	Jones
311.	Watley, Earnest	Altus
312.	Watson, Vertie B.	Choctaw
313.	Watson, William	Okmulgee
314.	Wells, Jonathan	Taft
315.	West, Harold E.	Seminole
316.	White, Charles	Oklahoma City
317.	White, Curtis	Haskell
318.	Whiteside, Mattie Mae	Jones

319.	Williams, Catherine .....	Fairfax
320.	Williams, James Edward .....	Langston
321.	Williams, Lawrence .....	Dallas, Texas
322.	Williams, Walter J. ....	Earlsboro
323.	Wilson, Johnnie Harrison .....	Enid
324.	Wilson, Willis .....	Oklahoma City
325.	Woods, Jr., James W. ....	Colt, Arkansas
326.	Woody, Frances .....	Marietta
327.	Wright, Bobbie Jewel .....	Oklahoma City
328.	Wright, Joffrain .....	Milford, Texas
329.	Wright, Lelia Mae .....	Wynnewood
330.	Wynn, George Michael .....	Muskogee
331.	Young, Raye Helena .....	Langston

### STUDENT ROSTER

1946-1947

#### SOPHOMORES

1.	Alford, Romeo James .....	Weleetka
2.	Alford, Sunshyne .....	Weleetka
3.	Arterberry, Bobbye Joe .....	Sherman, Texas
4.	Arterberry, John W. ....	Langston
5.	Arterberry, Mattie .....	Vernon
6.	Austin, Roland .....	Ponca City
7.	Barham, Norma Jean .....	Topeka, Kansas
8.	Battle, Erma .....	Boley
9.	Beck, Jr., Leslie A. ....	Langston
10.	Blackburn, SeCarl .....	Hillsboro, Texas
11.	Blackwell, Josephine .....	Eufaula
12.	Blair, Lee .....	Cushing
13.	Bolding, Louistine .....	Hugo
14.	Boyd, Thomas J. ....	Muskogee
15.	Bradley, Edna Mae .....	Pauls Valley
16.	Breckenridge, Luther .....	Kingfisher
17.	Brewer, Willie Mae .....	Oklahoma City
18.	Brooks, Ovell E. ....	Langston
19.	Brown, Alvin .....	Tulsa
20.	Brown, Clara .....	Tulsa
21.	Brown, Izona .....	Muskogee
22.	Brown, Roderick Overton .....	Chickasha
23.	Brown, Ruth Mildred .....	Tulsa
24.	Bryant, John Daniels .....	Kilgore, Texas
25.	Bryant, Kathryn Esther .....	Sand Springs
26.	Burleigh, Roland Lee .....	Guthrie
27.	Byuarm, Samuel W. ....	Mounds, Illinois
28.	Calhoun, Abilene .....	Wynnewood
29.	Calhoun, Cecil Lorene .....	Wynnewood

30.	Campbell, Marcelett .....	Langston
31.	Celestine, Herbert N. ....	Choctaw
32.	Clemmons, Wellington C. ....	Oklahoma City
33.	Cobb, Jewel Allean .....	Idabel
34.	Cotton, Rita Bell .....	Harris
35.	Cotton, Verdian .....	Harris
36.	Craig, Bernice .....	Sapulpa
37.	Craven, Justina Belle .....	Geary
38.	Crutchfield, Lucy B. ....	Idabel
39.	Cudjoe, Freddie Foshee .....	Sand Springs
40.	Cudjoe, Wilburt .....	Seminole
41.	Davidson, Archye Nelson .....	Langston
42.	Davis, Joseph .....	Ada
43.	Dawson, Hannah Louise .....	Hendrix
44.	DeLoney, Vara Nedra .....	Muskogee
45.	Dixon, Lonnie .....	Oklahoma City
46.	Dunevan, Thomas .....	Oktaha
47.	Elgers, Gladys .....	Spiro
48.	Elliott, Helen .....	Henryetta
49.	Ewing, Willie A. ....	Clearview
50.	Farmer, Ennis .....	Hinton
51.	Federick, Norris .....	Lawton
52.	Ford, John .....	Wagoner
53.	Fowler, LaVarene .....	Tulsa
54.	French, Tobe .....	Muldrow
55.	Fulbright, Willie Mae .....	Stillwater
56.	Glenn, Dorothy Mae .....	Wewoka
57.	Goldsmith, Ola Mae .....	Oklahoma City
58.	Griggs, Nathaniel H. ....	Stillwater
59.	Guess, Virgil Arline .....	Okmulgee
60.	Harris, Clyde J. ....	Crescent
61.	Harris, Henderson Jr. ....	Duncan
62.	Harris, Marie .....	Broken Bow
63.	Harrison, Elizabeth .....	Sapulpa
64.	Harrison, Ulysses S. ....	Sapulpa
65.	Hawkins, Charlesetta .....	Leedy
66.	Haynes, Joanna .....	Ponca City
67.	Henderson, Ruby Jewel .....	Chickasha
68.	Hill, Flota Nazell .....	Bartlesville
69.	Hilliard, James Wilbur .....	Hillsboro, Texas
70.	Hollie, Clyde E. ....	Guthrie
71.	Howard, Norma Jean .....	Tulsa
72.	Hunter, Lucille .....	Muskogee
73.	Hutcherson, Hubert W. ....	Wichita, Kansas
74.	Isaac, Arthur Lee .....	Hugo
75.	Jackson, Tommy .....	McAlester

76.	James, Spencer McKinley .....	Seminole
77.	Johnson, James Roy .....	Wewoka
78.	Johnson, Janette .....	Pawhuska
79.	Johnson, Louvoid Leon .....	Sand Springs
80.	Johnson, Pearlie B. ....	Oklahoma City
81.	Johnson, Ray .....	Tulsa
82.	Jones, Elmer L. ....	Ardmore
83.	Jones, Idella .....	Pawnee
84.	Jones, Willie Marie .....	Seminole
85.	Jordan, Leonard M. ....	Langston
86.	Jordan, Lerrenza M. ....	Langston
87.	Lee, Malyne Eleanor .....	Oklahoma City
88.	Lewis, Alfred C. ....	Ada
89.	Littles, Ida Mae .....	Chickasha
90.	Love, Dorothy Mae .....	Stillwater
91.	Lurks, Rosa Lee .....	Fort Gibson
92.	Luster, Frank Hartford .....	Oklahoma City
93.	McClellan, Clester Opal .....	Geary
94.	McCray, Billie .....	Dover
95.	McCray, Vera Lee .....	Boley
96.	McCurdy, Elizabeth A. ....	Hartshorne
97.	McDaniels, Lillie Pearl .....	Oklahoma City
98.	McDaniels, Matthew .....	Oklahoma City
99.	McKinney, Gwendolyn .....	Ponca City
100.	Mack, Richard L. ....	Meridian
101.	Mansfield, Sarah Allean .....	Muskogee
102.	Manuel, Onetha .....	Haskell
103.	Marshall, Thomas .....	Muskogee
104.	Martin, Felix .....	Taft
105.	Martin, Jr., Frank .....	Enid
106.	Miller, James M. ....	Oklahoma City
107.	Moore, Alvin Norvell .....	Tulsa
108.	Moore, Berneice D. ....	Hugo
109.	Moore, Eva Smith .....	Hobart
110.	Moore, Ruth Lenore .....	Idabel
111.	Morris, Naomi Eaberline .....	Tulsa
112.	Murphy, Aaron Edward .....	McAlester
113.	Nash, Bernice B. ....	Fort Gibson
114.	Ned, Earl J. ....	Okmulgee
115.	Newton, Mary Isabella .....	Choctaw
116.	Nichols, Norma Jean .....	Tulsa
117.	Nichols, William .....	Hennessey
118.	Nunley, Louise P. ....	Idabel
119.	Owens, Dorothy L. ....	Oklahoma City
120.	Owens, Hazel Juanita .....	Muskogee
121.	Parker, Louis B. ....	Eagletown

122.	Patterson, Glenn	Hennessey
123.	Pettus, Della Fulmer	Geary
124.	Phillips, Alice M. White	Oklahoma City
125.	Polk, Celessie	Wichita, Kansas
126.	Ponds, James Lincoln	Muskogee
127.	Richardson, Vera Leola	Tulsa
128.	Russell, Maggie S.	Dallas, Texas
129.	Ryan, Rudolph	Newalla
130.	Sanders, Doris Jean	Poteau
131.	Sayles, Bcoker T.	Tulsa
132.	Scaife, Fronia Mae Johnson	Tulsa
133.	Scott, William Brembry	Taft
134.	Sessions, Juanita	Langston
135.	Shelton, Charlene L.	Topeka, Kansas
136.	Singleton, Bernice	Seminole
137.	Smith, Georgia	Fallis
138.	Sparks, Luella Mildred	Oklahoma City
139.	Sweet, Rosetta Jean	Jones
140.	Thompson, Dorothy Mae	Wagoner
141.	Vann, Alloween	Claremore
142.	Vann, Charlie	Geary
143.	Walker, Almeter	Catoosa
144.	Warren, Anna Mae	Mounds
145.	Washington, Nealie	Harris
146.	Waters, Cleon Marvin	Pawhuska
147.	West, Macie Marie	Eufaula
148.	Whitlow, Leo	Hugo
149.	Wiley, Clarence	Anadarko
150.	Williams, Isaac Jr.	Tulsa
151.	Williams, Sarah Lee	Fort Worth, Texas
152.	Winston, Doris Loretha	Langston
153.	Woods, Anna Mae	Perry
154.	Woosley, Austin	Muskogee
155.	Young, Elsentoria	Boley

**STUDENT ROSTER**

1946-1947

**JUNIORS**

1.	Anderson, Curtis A.	Crescent
2.	Anderson, Dorothy Louise	Okmulgee
3.	Banner, Booker T.	Langston
4.	Benson, Helen Elizabeth	Wagoner
5.	Berry, Ruth	Oklahoma City
6.	Blackwell, Pansy Edmonia	Ft. Gibson
7.	Blair, Lee B.	Cushing
8.	Bolding, Louistine M.	Hugo



9.	Bramlett, Marcella V. ....	Henryetta
10.	Brown, Annie Mae .....	Tulsa
11.	Brown, Shirley Eugenia .....	Langston
12.	Bryan, Emmie Lou .....	Wellston
13.	Cadney, Florestine D. ....	Muskogee
14.	Carrion, Wesley Howard .....	Brooklyn, New York
15.	Chatman, Evelyn I. ....	Okmulgee
16.	Christian, Arthur .....	Tulsa
17.	Clark, Mary Ellistene .....	Tulsa
18.	Clement, Velma Ann .....	Langston
19.	Coffee, Alberta .....	Ponca City
20.	Coleman, Erastus G. ....	Wewoka
21.	Cooper, Reginald David .....	Langston
22.	Cornwell, Felton R. ....	Cushing
23.	Council, Alva Anne .....	Boley
24.	Coy, Lorraine .....	Muskogee
25.	Curry, Zebedee Carney .....	Oklahoma City
26.	Curl, Milas C. ....	Taft
27.	Darrington, Vera Mae .....	Tulsa
28.	Dedmon, Benjamin .....	Porter
29.	Donaldson, Jerome L. ....	Springfield, Illinois
30.	Fields, Benjamin F. ....	Shawnee
31.	Farmer, Mary Alma .....	Choctaw
32.	Ford, Marlyn Peters .....	El Reno
33.	Garrett, Rosa Lee .....	Sapulpa
34.	Goodlow, Lenovia .....	Harris
35.	Gracey, Hattie Mae .....	Dover
36.	Grayson, Dorothy Mae .....	Porter
37.	Green, Louise Maud .....	Oklahoma City
38.	Hall, Alice Flora .....	Boley
39.	Harrell, Alfred Rogers .....	Altus
40.	Hawkins, Blossie Lee .....	Sapulpa
41.	Henry, Jeweline .....	Vian
42.	Hervey, Eliza Mae .....	Wynnewood
43.	Hicks, Thelma Jean .....	Bearden
44.	Hunt, Clemmie S. ....	Hugo
45.	Hanson, Troy B. ....	Beggs
46.	Irvin, Melvin .....	Stillwater
47.	Jackson, Helene Helen .....	Dover
48.	Jackson, Geneva A. ....	Tulsa
49.	Johnson, James Roy .....	Wewoka
50.	Johnson, Kenneth H. W. ....	Wichita, Kansas
51.	Johnson, Raymond Carl .....	Santa Barbara, California
52.	Jones, Agnes Mary .....	Choctaw
53.	Jones, Jack Edward .....	Lawton
54.	Jordan, Eddie Fred .....	Ardmore

55.	Jordan, Lorene Marie .....	Kingfisher
56.	King, Dorothy Mae .....	Okmulgee
57.	Kirk, Leroy Melvin .....	Taft
58.	Kirk, Thomas Charles .....	Taft
59.	Kornegay, Alice .....	Oklahoma City
60.	Lewis, Alfred C. ....	Ada
61.	McKinley, Roosevelt .....	Idabel
62.	McNac, Mildred Lorayne .....	Oklahoma City
63.	McWhorter, Amo Bertha .....	Wewoka
64.	Mann, Florence Octavia .....	Tulsa
65.	Maxwell, Campbell L. ....	Muldrow
66.	Mayes, Hannah Verlene .....	Muskogee
67.	Mayfield, Velma C. ....	Ft. Worth, Texas
68.	Monroe, Benjamin .....	Guthrie
69.	Moon, Estella O. ....	Guthrie
70.	Moore, Ivory Edward .....	Wewoka
71.	Moreland, Gwendolyn L. ....	Davis
72.	Moses, Dorothy Leola .....	Tulsa
73.	Musgrove, Walter .....	Tulsa
74.	Nails, Claxton Leon .....	Tulsa
75.	Owens, Harry D. ....	Sapulpa
76.	Owens, Naomi Marietta .....	Cushing
77.	Parker, Hubert Lorenzo .....	Dover
78.	Phillips, W. Troy .....	Duncan
79.	Randle, Charles .....	Cushing
80.	Randolph, Nancy Ola .....	Sapulpa
81.	Reece, Avalon .....	Muskogee
82.	Richie, Ida Jean .....	Oklahoma City
83.	Robinson, Jewel G. ....	Sapulpa
84.	Sallie, Willie G. ....	Dallas, Texas
85.	Scott, George Jr. ....	Taft
86.	Shackelford, Theodore .....	Cushing
87.	Shannon, Elwood L. ....	Milo
88.	Simpson, Lillian G. ....	Luther
89.	Slaten, Elmer D. ....	Watonga
90.	Spagner Anna Ophela .....	Oklahoma City
91.	Spagner, Bennie J. ....	Idabel
92.	Starr, Rose Mary .....	Tahlequah
93.	Stearns, Hollis D. ....	Boley
94.	Stevenson, Amos .....	Wewoka
95.	Stewart, Jesse .....	Oklahoma City
96.	Stuart, Fred James .....	McAlester
97.	Suggs, Alberta Nash .....	Okmulgee
98.	Sullivan, Inman Edward .....	Tulsa
99.	Swain, Robert A. ....	Oklahoma City
100.	Swinton, Fred Douglas .....	Little Rock, Arkansas

101.	Teal, Willis L.	Paris, Texas
102.	Tunley, Olivia Althia	Guthrie
103.	Walker, Mildred Fern	Clearview
104.	Warren, Alice Marie	Muskogee
105.	Warren, Kathlyn Edwina	Muskogee
106.	Washington, Irene G.	Wilburton
107.	Waters, Luberta Artella	Tulsa
108.	Wiley, Lessie LaRue	Chandler
109.	Williams, Dorothy Myrl	Houston, Texas
110.	Winston, Davetta L.	Langston
111.	Wynn, Phail	Wewoka

### STUDENT ROSTER

1946-1947

#### SENIORS

1.	Adams, Harriet	Tulsa
2.	Alford, Booker T.	Clearview
3.	Anderson, Leola	Binger
4.	Ball, Audrey Ruby	Tulsa
5.	Battle, Huey Jefferson	Langston
6.	Berry, Warren	Ft. Gibson
7.	Blackwell, Donie Mae	Wagoner
8.	Blayton, Jr., Jesse B.	Atlanta, Georgia
9.	Boykins, George V.	McAlester
10.	Bridges, Gwendolyn Faye	Shawnee
11.	Brown, Muriel Anita	Langston
12.	Clark, William Allen	El Reno
13.	Colbert, Erie Mae	Idabel
14.	Crowell, Theodra Harlene	Chickasha
15.	Cudjoe, Johnell Hardeman	Oklahoma City
16.	Cudjoe, Lance	Seminole
17.	Cudjoe, Lawrence	Seminole
18.	Daniels, Marvin	Oklahoma City
19.	Davis, Bernice Opaline	Chandler
20.	Dewitt, David Everett	Oklahoma City
21.	Dillon, Harold Bishop	Langston
22.	Dotson, James Henry, Jr.	Tulsa
23.	Dotson, John Ivory	Sallisaw
24.	Dukes, Agnes Irene	Boley
25.	Edwards, Tommy	Okay
26.	Elliott, Lydia Marie	Muskogee
27.	Farmer, Louise Marshall	Oklahoma City
28.	Fisher, Lorene G.	Boynton
29.	Fowler, Paralee Dorothy	Lehigh
30.	Franklin, William Henry	Oklahoma City
31.	Hall, Ophelia Inez	Kansas City, Missouri

32.	Hancock, F. Mauderie .....	Langston
33.	Hargrove, Dora Lee K. ....	Langston
34.	Hargrove, S. L., Jr. ....	Langston
35.	Harris, LeRoy .....	Oktaha
36.	Harris, Levearn .....	Broken Bow
37.	Hatch, Arva Milgene .....	Checotah
38.	Hendricks, Viola Lillian .....	Okmulgee
39.	Hildreth, Cassie .....	Oklahoma City
40.	Hill, Andrew C. ....	Hugo
41.	Holmes, A. B. ....	Lawton
42.	Isaac, James Clarence .....	Oklahoma City
43.	Irons, Myra G. ....	Langston
44.	Jones, Marcellus .....	Stillwater
45.	Jordan, Connie Mae .....	Langston
46.	Kelley, Barbra Jean .....	Lincoln, Nebraska
47.	King, Jimmie, Jr. ....	Dallas, Texas
49.	Lee, Joseph Samuel .....	Langston
50.	Lyons, Mack, Jr. ....	Okmulgee
51.	McCord, Marjorie L. ....	Taft
52.	McDonald, Hazel B. J. ....	Wewoka
53.	Mack, Wilbur Ollio .....	Seward
54.	Malone, Zenzeal Statum .....	Oklahoma City
55.	Manuel, Priscilla .....	Tulsa
56.	Mason, Walter Oscar .....	Okmulgee
57.	Matthews, Arthur .....	Oklahoma City
58.	Mixon, Idell S. ....	Boley
59.	Moon, Lettitia E. ....	Guthrie
60.	Neal, King Samuel .....	Coyle
61.	Pettus, James .....	Geary
62.	Pierce, Roger Gilbert .....	Idabel
63.	Polk, John Arthur .....	Muskogee
64.	Presley, Levi .....	Eufaula
65.	Robinson, Alberta F. ....	Hinton
66.	Robinson, Minnie Seals .....	Duncan
66.	Robinson, Minnie Seals .....	Duncan
67.	Ryan, Willa Mae .....	Newalla
68.	Smith, Ernest .....	Okmulgee
69.	Smith, Evelyn Marie .....	Chickasha
70.	Smith, Granville Horton .....	Tulsa
71.	Sneed, David .....	Tulsa
72.	Stephens, Gladys M. ....	Oklahoma City
73.	Thomas, John Q. ....	Oklahoma City
74.	Thomas, Ruth Wattyerene .....	Langston
75.	Washington, George W. ....	Muskogee
76.	Washington, Wilma C. ....	Muskogee
77.	Watson, Gloria Mae .....	Oklahoma City

78.	White, James Starks .....	Oklahoma City
79.	Whited, Burley .....	Rentiesville
80.	Whited, Tommie .....	Rentiesville
81.	Williams, Lillie Mae .....	McAlester
82.	Williams, Marian .....	Wewoka
83.	Williams, Robert Moore .....	Wichita, Kansas
84.	Wilson, Lennie Lois .....	Shreveport, Louisiana
85.	Wilson, Vivian .....	Oklahoma City
86.	Wimbley, Donn L. ....	Tulsa
87.	Withers, Tom, Jr. ....	Cushing
88.	Williams, Fannie .....	Broken Bow
89.	Wallace, Lilia Mae .....	Okmulgee
90.	Jackson, Alberta B. ....	Marietta

### STUDENT ROSTER

1946-1947

#### TRADES AND INDUSTRIAL

1.	Anderson, Acie L. ....	Binger
2.	Anderson, William L. ....	Binger
3.	Baker, Louis .....	Wynnewood
4.	Basham, Estina .....	Langston
5.	Bates, Arthur Paul .....	Tulsa
6.	Beasley, Cornelius .....	Guthrie
7.	Beasley, Lonnie L. ....	Dallas, Texas
8.	Bohanan, Luther .....	Idabel
9.	Bohanan, Ocie .....	Idabel
10.	Bowen, Rufus, Jr. ....	Coyle
11.	Boyd, James .....	Guthrie
12.	Branon, Lee Andrew .....	Langston
13.	Brent, Hiawatha .....	Guthrie
14.	Brooks, Leonard H. ....	Langston
15.	Brown, Bennett .....	Tulsa
16.	Bunch, Clarence .....	Tulsa
17.	Burks, Charles .....	Clearview
18.	Burriss, Emma Lee .....	Broken Bow
19.	Berry, Major T. ....	Eufaula
20.	Caine, Pompey .....	Perry
21.	Canady, L. D. ....	Oklahoma City
22.	Carter, Otis Wesley .....	Milford, Texas
23.	Chambers, Bebee .....	Chandler
24.	Childs, Katherine .....	Langston
25.	Clark, Mack William .....	Sherman, Texas
26.	Clay, Elvin .....	Fort Worth, Texas
27.	Coffee, Joe Aaron .....	Ponca City
28.	Coffey, Laurence .....	Wetumka
29.	Cole, Stafford W. ....	Guthrie

30.	Collins, Cecil .....	Muskogee
31.	Cooper, Mack .....	Langston
32.	Countee, Carolyn .....	Oklahoma City
33.	Craven, Theopolis .....	Braggs
34.	Crenshaw, Bernard .....	Boley
35.	Cross, Harry Daniel .....	Okmulgee
36.	Davidson, Emory .....	Langston
37.	Davidson, Leroy .....	Langston
38.	Deloney, Lea .....	Harris
39.	Douglass, Coolidge .....	Boley
40.	Eldridge, Leonard .....	Arkansas City, Kansas
41.	Ellis, Wesley .....	Guthrie
42.	Evans, Lloyd .....	Langston
43.	Fleming, George .....	Guthrie
44.	Ford, Eugene .....	El Reno
45.	Fowler, Larcell .....	Lehigh
46.	Franklin, Jefferson .....	Coyle
47.	Franklin, Roosevelt .....	Guthrie
48.	Galbreath, Ralph .....	Guthrie
49.	Gayles, Louis B. ....	Idabel
50.	Goins, Dewey M. ....	Dallas, Texas
51.	Goldsmith, Andrew .....	Perry
52.	Green, Charles .....	Ardmore
53.	Hamilton, Garnett .....	Kellyville
54.	Hans, Lee Roy .....	Cushing
55.	Hayes, Roscoe H. ....	Mineola, Texas
56.	Hollie, Maxine Roper .....	Guthrie
57.	Hollier, Vincent H. ....	Guthrie
58.	Hooks, Robert Lindsey .....	Okmulgee
59.	House, Edward Vernon .....	Guthrie
60.	House, Harrison Emmett .....	Morris
61.	Hubert, William C. ....	Ft. Worth, Texas
62.	Humphrey, William E. ....	St. Lovejoy, Illinois
63.	Jackson, James R. ....	Tulsa
64.	Jackson, Roosevelt Jr. ....	Mineral Wells, Texas
65.	Jefferson, James .....	Guthrie
66.	Jefferey, Elbert .....	Langston
67.	Johnson, Arnesia .....	Langston
68.	Johnson, Burgess Lee .....	Ponca City
69.	Johnson, William Jr. ....	Ennis, Texas
70.	Jones, Bradie Floyd .....	Coyle
71.	Jones, Roy .....	Ponca City
72.	Jones, William M. Jr. ....	Guthrie
73.	Lair, Hazel Irmagene .....	Guthrie
74.	Lewis, Rayford Davis .....	Muskogee
75.	Lewis, Willie Lee .....	Milford, Texas

76.	Lurks, Henry Elliott .....	Fort Gibson
77.	McDaniel, William .....	Dover
78.	Martin, Calvin .....	Hartshorne
79.	Matthews, Homer Lee .....	Guthrie
80.	Mayes, Thomas Jefferson .....	Muskogee
81.	Miles, Earnest L. ....	Fairfax
82.	Mitchell, Willie .....	Guthrie
83.	Moon, Alice Ruth .....	Guthrie
84.	Moore, James C. ....	Jennings
85.	Moore, Percy .....	Beggs
86.	Moore, Willie Clifford .....	Oklahoma City
87.	Morris, James Richard .....	Baltimore, Maryland
88.	Nephew, Ira .....	Guthrie
89.	Nephew, Robert James .....	Guthrie
90.	Nephew, Zephrie .....	Guthrie
91.	Nero, Raymond .....	Milo
92.	Owens, Nathaniel G. ....	Muskogee
93.	Paschal, John Henry .....	Taft
94.	Perry, Samuel B. ....	Oklahoma City
95.	Phillips, Willie Mac .....	Ponca City
96.	Rector, L. C. ....	Dime Box, Texas
97.	Redic, Willie James .....	Hillsboro, Texas
98.	Richard, Goree .....	Tulsa
99.	Richard, Harold .....	Newkirk
100.	Roberson, Jr., Joshua .....	Galveston, Texas
101.	Robinson, Preston Wm. ....	Langston
102.	Robinson, Neal Randolph .....	Yoakum, Texas
103.	Rogers, Lewis .....	Okmulgee
104.	Ross, Jay S. ....	Binger
105.	Shelton, Johnnie Lee .....	Anadarko
106.	Sims, Freeda Lurene .....	Goodnight
107.	Smith, Green Dewitt .....	Meridian
108.	Smith, Lonnie .....	Meridian
109.	Spurlock, Arthur B. ....	Chickasha
110.	Spurlock, Ollie .....	Chickasha
111.	Stroud, Inman Jr. ....	Langston
112.	Suttle, Willis Julious .....	Coyle
113.	Thomas, Newell F. ....	Hollis
114.	Tittsworth, Albert F. ....	Guthrie
115.	Trotter, Velma .....	Langston
116.	Thomas, Charles .....	Laurel, Mississippi
117.	Turner, Mae Belle .....	Texarkana, Arkansas
118.	Wade, Lynwood .....	Guthrie
119.	Walker, Edween Marie .....	Colorado Springs, Colorado
120.	Walker, James D. ....	Boynton
121.	Walton, Aldern Q. B. ....	Langston

122.	Ward, Chester A. ....	McAlester
123.	Waters, Curtis C. ....	Pawhuska
124.	West, Eugene U. ....	Warwick
125.	West, Willie ....	Enid
126.	Wicks, Henry Roy ....	Langston
127.	Williams, Joseph ....	Pawnee
128.	Williams, Odell ....	Langston
129.	Windham, Otis ....	Laurel, Mississippi
130.	Witherspoon, Jerry E. ....	Okemah
131.	Woods, Foy ....	Denton, Texas
132.	Wyatt, Rayfield ....	Guthrie

## SPECIALS

1.	Allen, Mizura C. ....	Langston
2.	Amey, Woodrow ....	Tecumseh
3.	Beatty, Melvin M. ....	Tulsa
4.	Brown, Bettye Sue ....	Tulsa
5.	Bunn, Esther Stephens ....	Oklahoma City
6.	Childs, Frank I. A. ....	Coyle
7.	Coleman, Joseph M. ....	Corsicana, Texas
8.	Coleman, Mae Ella ....	Oklahoma City
9.	Durant, Blaine A. ....	Tulsa
10.	Fields, John H. ....	Langston
11.	Harris, Paul L. Dunbary ....	Oklahoma City
12.	Hubbard, Mattie B. ....	Guthrie
13.	Jarrett, Willie Earl ....	Tulsa
14.	Jones, Elmer ....	Tulsa
15.	Jones, Richard ....	Wynnewood
16.	Jordan, George W. ....	Langston
17.	Kemp, Harvey ....	Shawnee
18.	Lawson, Fred Douglas Jr. ....	Stillwater
19.	Littles, Ida Mae ....	Chickasha
20.	Moore, Marie Wallace ....	Guthrie
21.	Neal, Elroy ....	Oklahoma City
22.	Willis, Ocie ....	Stroud
23.	Broughton, Annie F. ....	Chicago, Illinois

## SIX WEEKS

1.	Greene, Jessie J. ....	Okmulgee
2.	Johnson, Esther S. ....	Okmulgee
3.	Jones, Florence ....	Tulsa
4.	McAlister, Tobitha ....	Hugo
5.	McCary, Ogretta ....	Chickasha
6.	McKinley, Beatrice ....	Idabel
7.	Neal, Lizzie Mae ....	Coyle
8.	Overstreet, Maud ....	Meridian



- |     |                            |            |
|-----|----------------------------|------------|
| 9.  | Russell, Emily Clark ..... | Okmulgee   |
| 10. | Wilburn, Essie Ree .....   | Hugo       |
| 11. | Wilburn, Issie Lee .....   | Hugo       |
| 12. | Williams, Fannie .....     | Broken Bow |

## INDUSTRIAL ARTS SPECIALS

- |     |                              |                          |
|-----|------------------------------|--------------------------|
| 1.  | Anderson, William Mel .....  | Oklahoma City            |
| 2.  | Brown, Clifford Thomas ..... | Clarksville, Texas       |
| 3.  | Brown, Virgil L. ....        | Kilgore, Texas           |
| 4.  | Burleigh, Nathaniel M. ....  | Guthrie                  |
| 5.  | French, Tobe .....           | Muldrow                  |
| 6.  | Givens, Barnell .....        | Arkansas City, Kansas    |
| 7.  | Glenn, Cecil L. ....         | East St. Louis, Illinois |
| 8.  | Goins, Dewey Morris .....    | Dallas, Texas            |
| 9.  | Hamilton, William .....      | Hennessey                |
| 10. | Johnon, David Lloyd .....    | Lawton                   |
| 11. | Marshall, Willie James ..... | Lawton                   |
| 12. | Menser, Charles Byron .....  | Boley                    |
| 13. | Jenn, Alvin James .....      | Oklahoma City            |
| 14. | Perry, Charles Elmer .....   | Oklahoma City            |
| 15. | Roberts, James E. ....       | Meridian, Mississippi    |
| 16. | Richardson, William A. ....  | Hoffman                  |
| 17. | Spencer, James William ..... | East St. Louis, Illinois |
| 18. | Thomason, James .....        | Rockdale, Texas          |
| 19. | Wilbon, James Andrew .....   | Rockdale, Texas          |
| 20. | Wilbon, Marshall .....       | Rockdale, Texas          |
| 21. | Wyatt, Clifford Earl .....   | Laurel, Mississippi      |

**GRADUATES**

May, 1947

**BACHELOR OF SCIENCE IN AGRICULTURE**

Battle, Huey Jefferson	Thomas, John Quincy
Clark, William Allen	Whited, Burley
Dewitt, David Everett, Jr.	Whited, Tommie

**BACHELOR OF ARTS**

Brown, Muriel Anita	McCord, Marjorie Lorraine
Brown, James Lee	Pettus, James Walter
Davis, Bernice Opaline	Polk, John Arthur
Dotson, James Henry, Jr.	Presley, Levi Walter, Jr.
Farmer, Louise Marshall	Sneed, David
Franklin, William H.	Thomas, Ruth Wattyerene
Hargrove, Dora Kennedy	Williams, Lillie Mae
Jones, Marcellus Leon	

**BACHELOR OF SCIENCE**

Blayton, Jesse Benjamin, Jr.	King, Jimmie, Jr.
Bridges, Gwendolyn Faye	Matthews, Arthur Bernard
Colbert, Erie Mae	Pierce, Roger Gilbert
Crowell, Theodra Harlene	Smith, Evelyn Marie

**BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION**

Anderson, Leola Lorene	Robinson, Minnie Seals
Hall, Ophelia Inez	Russell, Emily Clark
Hendricks, Viola Lillian	Stephens, Gladys Manning
Robinson, Alberta Farmer	Washington, Wilma Criner

**BACHELOR OF SCIENCE IN HOME ECONOMICS**

Elliott, Lydia Marie	Wallace, Lila Mae
Foster, Cassie Hildreth	Wimbley, Donn L.
Ryan, Willa Mae	

**BACHELOR OF SCIENCE IN INDUSTRIAL ARTS**

Alford, Booker	Dillon, Harold Bishop
Berry, Warren Masters	Edwards, Tommy James
Cudjoe, Lance	Hill, Andrew Carrell
Cudjoe, Lawrence	Homes, Abe R.
Daniels, Marvin	Washington, George Winston
White, James Starks	

**HONORS****MAGNA CUM LAUDE**

Brown, Muriel Anita

Thomas, Ruth Wattyeren

**CUM LAUDE**Bridges, Gwendolyn Faye  
Crowell, Theodra Helene  
Davis, Bernice OpalineRyan, Willa Mae  
Wimbley, Donn L.**WITH DISTINCTION**

Hargrove, Dora Kennedy

**PRIZES**Alpha Kappa Alpha Sorority Scholarship Award .....\$ 50.00  
Brown, Clara MaeThe Evelyn Pittman Choir Annual Music Scholarship Award.....\$ 50.00  
Warren, Alice Marie**GRADUATES**

July, 1947

**BACHELOR OF SCIENCE IN AGRICULTURE**

Mack, Wilbur Ollio

**BACHELOR OF ARTS**Dotson, Jr., John Ivory  
Hancock, F. Mauderie  
Isaac, Clarence James  
Lee, Joseph Samuel PatrickPerry, Lexes B.  
Smith, Granville Horton  
Thomas, Beulah Mae  
Thompson, James Ernest**BACHELOR OF SCIENCE**Irons, Myra Gwendolyn  
Lyons, Jr., Mack  
Malone, Zenzeal StatumMarina, Priscilla Manuel  
Moon, Lettitia Elizabeth  
Williams, Marian Vivian**BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION**Baker, Freddie Mosely  
Berry, Hazel Austin  
Black, Priscilla Baker  
Blackwell, Donie Mae  
Butler, Willola Anita  
Calhoun, Beatrice Carr  
Cooley, Cara Winnie  
Cooper, Lenora  
Dozier, Rosa McGowanDuke, Clarence  
Ewing, Georgia Ann R.  
Goodlow, Rosie Dell  
Green, Jessie J.  
Hames, Verol Jerome  
Hatch, Arva Milgene  
Humphries, Willie P.  
Johnson, Esther Smith  
Johnson, Rosebud

McAlister, Tobith Elizabeth  
 McKinley, Beatrice  
 Manns, Ruth Hobson  
 Sybert, Gladys Mildred  
 Travenia, Earlyne Capers  
 Walker, Annie Mae Jackson

Wilburn, Essie Ree  
 Wilburn, Issie Lee  
 Williams, Gweniever Etta  
 Williams, Ora P. Rucker  
 Wilson, Vivian Doris  
 Young, Margaret Louise S.

BACHELOR OF SCIENCE IN HOME ECONOMICS

Fowler, Paralee Dorothy  
 Jackson, Alberta Lee  
 Williams, Fannie Scaggs

BACHELOR OF SCIENCE IN INDUSTRIAL ARTS  
 Mason, Jr., Walter Oscar

**HONORS**

CUM LAUDE

Hancock, F. Mauderie  
 Jackson, Alberta Lee  
 Williams, Fannie S.

WITH DISTINCTION

Baker, Freddie Mosely  
 Dozier, Rosa McGowan  
 Blackwell, Donie Mae  
 Johnson, Rosebud

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