

1941

## Langston University Catalog 1941-1942

Langston University

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LANGSTON  
UNIVERSITY



Catalogue Edition  
1941-42

April, 1941

Langston, Okla.

## 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.

# LANGSTON UNIVERSITY

GENERAL BULLETIN

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VOL. 42

NO. 1

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CATALOGUE EDITION

Containing

The Student Roster for 1940-41



And

Announcements for 1941-42

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



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**C A L E N D A R****1941-42****First Semester**

- September 4 Freshman Week Begins.  
September 8, 9. Registration (General)  
September 10 Classes Begin.  
October 1 Honors Day.  
November 26 Thanksgiving Holiday Begins at 12:00 Noon.  
December 1 Class Work Resumed at 8:00 A. M.  
December 19 Christmas Holidays Begin at 5:00 P. M.  
January 5 Class Work Resumed at 8:00 A. M.  
January 15, 16, 19, 20 First Semester Examinations.

**Second Semester**

- January 22, 23 Registration for Second Semester.  
January 26 Classes Begin.  
March 11 Honors Day.  
April 3 Easter Vacation Begins at 12:00 Noon.  
April 7 Classroom Work Resumed at 8:00 A. M.  
May 24 Baccalaurate Exercises.  
May 21, 22, 25, 26 Second Semester Examinations.  
May 27 Commencement.

**Summer Session**

- June 1, 2 Registration for Summer Session.  
June 3 Class Work Begins.  
July 19 Baccalaureate Exercises  
July 22 Commencement, Summer Session  
July 24, Summer Session Closes.

**BOARD OF REGENTS OF OKLAHOMA COLLEGES**

Fred Holman, Chairman .....	Guthrie
Cecil E. Crooks .....	Medford
Robert S. Chase .....	Oklahoma City
T. T. Eason .....	Enid
Forrest McKenzie .....	Mangum
Mrs. Jewell Robbins .....	Pauls Valley
G. S. Sanders .....	Holdenville
Ellis F. Nantz, Secretary .....	Oklahoma City

**OKLAHOMA STATE REGENTS OF HIGHER EDUCATION**

John Kane, Chairman .....	Bartlesville
C. O. Doggett .....	Cherokee
J. E. Perry .....	Munro
W. E. Harvey .....	Oklahoma City
Orvil Currin .....	Shawnee
B. F. Sayre, Ass't. Sec'y. ....	Duncan
Wharton Mathies .....	Clayton
Frank Buttram .....	Oklahoma City
John Rogers, Secretary .....	Tulsa

**FACULTY**

**ADMINISTRATION**

G. Lamar Harrison .....	President
B. A., Howard University, 1926; B. Ed., University of Cincinnati, 1927; M. A. Ibid., 1929; Ph. D., Ohio State University, 1935.	
Leroy G. Moore .....	Dean and Director of Division of Arts and Sciences.
B. A., Southwestern College, 1917; M. A., University of Kansas, 1930; Graduate Study University of Chicago and Cornell University.	
C. Dewey Batchlor .....	Registrar
B. S., Bishop College, 1921; M. A., University of Iowa, 1931; Graduate Study University of Colorado.	
J. E. Taylor, Jr. ....	Business Manager
B. A., University of Iowa, 1929; M. A., Ibid., 1932.	

- M. F. Spaulding ----- Director of Division of Agriculture  
B. S., A. & T. College, 1925; M. S., Cornell University, 1928;  
Ph. D., Massachusetts State College, 1935.
- Reid E. Jackson ----- Acting Director, Division of Education  
B. S. Wilberforce University, 1929; M. A. Ohio State University  
1934; Ph. D., Ibid., 1937; (Part of year, 1940-41)
- S. G. Washington ----- Director of Division of Home Economics  
B. S., West Virginia State College, 1927; M. A., Columbia Uni-  
versity, 1937.
- E. A. Miller ----- Director of Division of Industrial Arts  
B. S., Pennsylvania State College, 1924; M. S., Iowa State College,  
1935.
- S. C. Thompson ----- School Physician  
M. D., Mebarry Medical College.
- W. H. Slaughter, Jr. ----- Director of Extension  
B. S., Fisk University, 1932; M. A., Ibid., 1934.
- Josie C. Berry ----- Dean of Women Part Year.  
Normal Diploma, Knoxville College; B. S., Langston University,  
1939; Graduate Study Colorado State College.
- Anne Brock ----- Dean of Women, Part Year  
A. B., Spellman College, Atlanta, Ga. Two years graduate study  
Atlanta School of Social Work.
- J. J. Seabrook ----- Chaplain  
B. A., Clark University (Ga.), 1930; LL. B., Howard University,  
1926; B. D., Gammon Theological Seminary, 1930; LL. M., Boston  
University, 1932.
- James R. Lawson ----- Supervisor of Men  
B. A., Fisk University, 1935; M. A., University of Michigan,  
1936; Ph. D., Ibid., 1939.
- A. J. Andrews Welch ----- Executive Secretary  
B. S., Prairie View State College, 1937.
- Lena Brown Work ----- Assistant Registrar  
B. A., Langston University, 1929.

#### INSTRUCTIONAL STAFF

- Allen, M. C. ----- Assistant Professor, Business Education  
B. A., University of Iowa, 1927; M. A., Ibid., 1930.
- Arterberry, A. C., ----- Instructor, Laundry Science  
B. S., Prairie View State College, 1927.
- Batchlor, C. Dewey ----- Professor, Head of Department of English  
B. S. Bishop College, 1921; M. A., University of Iowa, 1931.  
Graduate Study, University of Colorado.
- Bellegarde, A. D. ----- Instructor of French  
B. S., University of Haiti, 1928; B. Litt., University of Paris,  
1923; D. V. M., Ohio State University, 1933.
- \*Bowen, H. A. ----- Assistant Professor of Education  
B. A., Wilberforce, 1935; M. A., Ohio State University, 1936;  
Graduate Study Columbia University.
- Brown, E. J. ----- Instructor of Art  
Art Student, University of Kansas; Carnegie Institute; B. A.  
Claver College, 1941.



- Brown, Tennie G. ----- Instructor, Commercial Education  
B. S., Langston University, 1933; Graduate Study Denver University; New York University.
- Cameron, Vivian K. ----- Instructor, Sociology  
B. A., Clark University (Ga.), 1926; M. A., Northwestern University, 1930.
- Carney, Mildred R. ----- Instructor of Art  
B. S., Howard University, 1927; Graduate Study Colorado State Teachers College.
- Chapman, Oscar, ----- Education  
A. B., Lincoln Univ., Pa.; M. A., Univ. Mich.; Ph. D., Ohio State.
- Code, S. G., ----- Instructor in Tailoring  
Diploma in Tailoring, Kansas Vocational Institute, 1925.
- Coots, Gladys T. ----- Instructor of Music  
B. S., Langston University, 1928; M. S., Northwestern University, 1935; Graduate Study, Ibid.
- Davis, Constance R. ----- Instructor of Physical Education  
B. S., West Virginia State College, 1936; Graduate Study University of Minnesota.
- Dillon, N. B. ----- Assistant Professor, Vocational Education  
Tuskegee Institute, 1919; B. S., Prairie View State College, 1927; Graduate Study University of Southern California and Colorado State College.
- Ellis, Roberta ----- Instructor in Home Economics (Nursery School)  
B. S., Langston University, 1932.
- Ellison, F. A. ----- Music  
B. A., Prairie View State College; M. A., Colorado.
- Ellison, Georgiana ----- Instructor in Cosmetology  
Normal Graduate, Indiana State Teachers College, 1932.
- Evans, Timothy O. ----- Instructor of Physical Education  
B. S., Langston University, 1940.
- Ford, Nick A. ----- Assistant Professor of English  
B. A., Benedict College, 1926; M. A., University of Iowa, 1934.
- Forrest, J. H. ----- Professor and Head of Mathematics Department  
B. S., Bishop College, 1924; M. S., University of Southern California, 1933.
- Gandy, L. E. ----- Assistant Professor, Vocational Home Economics  
B. S., Kansas State Teachers College, 1930, Emporia; Graduate Study Colorado State College.
- Gayles, C. Felton -- Director of Athletics and Professor of Physical Education  
B. S., Morehouse College, 1924.
- Gear, Alice Jeanette ----- Instructor of English  
B. A., University of Kansas, 1935; M. A., Ibid., 1936; Graduate Study University of Michigan.
- Gordon, Elizabeth W. ----- Instructor of English  
B. A., Talladega College, 1934; M. A., Ohio State University, 1939; Graduate Study Ibid.
- Grissom, T. W. ----- Instructor of Education  
B. A., Howard University, 1909; M. S., Arizona State Teachers College, 1940.
- Gude, Legolian ----- Assistant Professor, Vocational Education  
B. S., Tuskegee Institute, 1929.

- Hamilton, G. C. ----- Assistant Professor, Biology  
B. A., University of Kansas, 1925; M. S., Ibid., 1930.
- Hebert, A. C. ----- Instructor of Applied Electricity  
B. S., in E. E., Kansas State Agricultural College, 1933.
- \*Hill, Mozell C. ----- Assistant Professor of Sociology  
B. S., University of Kansas, 1933; M. A., Ibid., 1937; Graduate  
Study University of Kansas, 1940-41.
- Irving, J. Lee ----- Instructor in Education  
B. A., University of Iowa, 1927; M. A., Ibid. 1929; M. S., in Ed.,  
Indiana University, 1934; Further Study Ohio State University.
- Isaac, Otis ----- Instructor of Shoe Making  
Diploma in Shoe Making, Tuskegee Institute, 1927.
- Jackson, Reid E. -- Associate Professor, Education; Acting Director,  
Division of Education.  
B. S., Wilberforce University, 1929; M. A., Ohio State University,  
1934; Ph. D., Ibid., 1937. (Part of year, 1940-41)
- Jackson, B. L. C. ----- Nurse and Instructor of Health Education  
R. N., Prairie View State College, 1933; B. S., Langson Uni-  
versity, 1938.
- Jarrett, Gladys W. ----- Instructor of Spanish and English  
B. A., Hunter College, 1936; M. A., Columbia University, 1937.
- \*Jarrett, Hobart ----- Instructor of English  
B. A., Wiley College, 1936; M. A., Syracuse University, 1937;  
Two years graduate study Harvard University.
- Jefferson, J. H. ----- Instructor of Chemistry  
B. S., Langston University, 1936; M. A., University of Iowa,  
1937.
- Jones, D. C. ----- Associate Professor, Vocational Agriculture  
B. S., Hampton Institute, 1923; M. S., Cornell University, 1930.
- Johnson, B. V. ----- Instructor of Agriculture  
B. S., Hampton Institute, 1929; M. S. Iowa State College, 1932.
- Kerry, Wynola Lackey, ----- Home Economics  
B. S., Langston Univ., Further Study Iowa State,
- Knight, D. J., ----- Agriculture  
B. S. A. & T. College, M. S., Mass State College of Agriculture
- Lawson, James R. ----- Associate Professor of Physics  
B. A., Fisk University, 1935; M. A., University of Michigan,  
1936; Ph. D., Ibid. 1939.
- Lewis, Alonzo L. ----- Instructor of Music  
B. S., Langson University, 1915; Graduate Study Northwestern.
- McLaurin, J. C. ----- Instructor of History and Economics  
B. A., Langston University, 1932; M. A., University of Kansas,  
1937.
- Mack, C. C. ----- Instructor of Printing
- Malone, Robert E. ----- Instructor of Agriculture  
Hampton Institute; M. A., (Hon) South Carolina State; Fur-  
ther Study Cornell and Harvard Universities.
- Mells, H. Franklin ----- Professor, Head of Department of Music  
B. A., Morehouse College, 1932; M. A., Indiana University, 1938.
- Miller, E. A. ----- Professor and Director of Division of  
Industrial Arts -----

- B. S., Pennsylvania State College, 1924; M. S., Iowa State College, 1935.
- Moore, E. R. ----- Instructor of Agriculture
- Moore, Leroy G. ----- Dean of The College, Director of the Division of Arts and Sciences, Head of Department of Natural Sciences, Professor of Chemistry,  
B. S., Southwestern College, 1917; M. A., University of Kansas, 1930; Graduate Study University of Chicago and Cornell University.
- Prewitt, Albert ----- Instructor of Agriculture  
B. S., Langston University, 1935.
- Richards, Inez H. ----- Instructor of Home Economics  
B. S., State Teachers College, Cheyney, Penn., 1939; M. Ed., Temple University, 1940.
- Rouce, Al. ----- Manual Training  
B. S., Virginia State; M. S., Kansas State Teachers College.
- Rouce, Helen A. ----- Instructor of Mathematics  
B. A., Colorado State College of Education, 1932; M. A., Ibid., 1933.
- \*Rowland, Ida M. ----- Instructor in Education  
B. A., Omaha University, 1936; M. A., Ibid., 1938.
- Rush, Rubye, ----- Training School  
B. S., Prairie View; M. S., University of Cinn.; Resident Requirements of Ph. D., Univ. of Cinn.
- Seabrook, J. J. ----- Instructor of History  
B. A., Clark University (Ga.), 1930; LL. B., Howard University, 1926; B. D., Gammon Theological Seminary, 1930; LL. M., Boston University, 1932.
- Short, Robert F. ----- Instructor of Auto Mechanics  
B. S., Hampton Institute, 1934.
- Simms, W. E. ----- Instructor of General Agriculture  
B. S., Prairie View State College, 1925; M. S., Iowa State College, 1937.
- Spaulding, M. F. ----- Director of Agriculture, Professor of Agronomy.  
B. S., A. & T. College, 1925; M. S., Cornell, 1928; Ph. D., Massachusetts State College, 1935.
- Tatum, Elbert L. ----- Assistant Professor of Political Science  
B. A., University of Illinois, 1932; M. A., Ibid., 1933; Graduate Study University of Chicago.
- Thompson, S. C. ----- School Physician  
M. S. Meharry Medical College.
- Tinner, John C. ----- Instructor of Mathematics  
B. S., Howard University, 1921; M. S., University of Chicago, 1922; Further Study Ibid.
- Walker, Alexander J. ----- Head of the Department of Social Science, Associate Professor of Government  
B. A., University of Iowa, 1936; M. A., Ibid., 1938; Ph. D., Ibid., 1940.
- Washington, S. G. -- Director of Division of Home Economics, Professor of Home Economics Education.  
B. S., West Virginia State, 1927; M. A., Columbia University, 1937.



- \*Weaver, E. R. W. ----- Instructor of Education  
B. S., New York University, 1935; M. A., Columbia University,  
1937.
- \*Weaver, E. K. ----- Instructor of Biology  
B. S., Langston University, 1933; M. A., University of Iowa,  
1937; Two years Graduate Study Columbia University, 1939-41.  
B. S., 1917 Iowa State College; M. S., Ibid., 1931.
- Wilkerson, Annie W. ----- Instructor of Biology  
B. A., University of Illinois, 1929; M. A., University of Chicago,  
1933.
- Wilson, R. A. ----- Assistant Professor of History  
B. A., University of Iowa, 1925; M. A., University of Iowa, 1926;  
Graduate Study University of Wisconsin.
- Wood, Pearl H. ----- Instructor of Music  
B. A., Knoxville College, 1934; M. Mus., University of Michigan,  
1938.

#### UNIVERSITY TRAINING SCHOOL STAFF

- Hargrove, S. L. ----- Principal  
B. S. Clark University (Georgia)
- Black, Zella J. ----- Home Economics  
B. S., Langston University, M. S. 1941 Colorado State Agri-  
cultural College, Ft. Collins, Colorado.
- Faver, C. M. ----- Primary Teacher  
B. S., Fisk University; Graduate Study Columbia University.
- Gilyard, Odell ----- Agriculture  
B. S. A., Langston University.
- Hendricks, G. H. ----- Science and Mathematic  
B. S., Prairie View State College; Graduate Work University of  
Iowa.
- Hill, M. D. ----- Elementary Teacher  
B. S., Langston University.
- Stewart, Z. ----- English  
B. L. I., Emerson College of Oratory (Boston).

#### N. Y. A. SUPERVISORS

- Boyd, B. R., B. S. ----- Supervisor of Men's Resident Project  
Holt, A. E., B. S., ----- Supervisor of Girl's Resident Project

#### OTHER OFFICERS OF ADMINISTRATION AND EMPLOYEES

- Banner, Carolyn ----- Clerk, Business Manager's Office  
B. S., Langston University, 1940.
- Beck, Leslie ----- Superintendent of Building and Utilities
- Hale, Larzette G. ----- Clerk, Business Manager's Office  
B. S., Langston University, 1940.

(\*) Indicates leave of absence.

Hamilton, Lucille H. ....	Clerk, Agricultural Department B. S., Langston University, 1940.
Heard, R. H. ....	Clerk, Financial Office B. S., Wilberforce University.
Hebert, W. E. ....	Financial Secretary
Johnson, Lulu Stroud .....	Clerk, Financial Office B. A., Langston University, 1941.
Johnson, R. J., .....	Cleaning and Pressing
Lampton, John .....	Assistant Director of Extension B. A., Langston University.
Mills, Zenobia R. ....	Secretary to Agricultural Department Gregg College.
Prewitt, A. B. ....	Farm Foreman
Roberts, A. H. ....	Clerk, Financial Office
Stallworth, Lillie A. ....	Clerk Department of Vocational Education B. S., Langston University, 1940.
Trice, Mary E. ....	Clerk, Extension Department B. S., Langston University, 1938.
Wallace, Marie B. ....	Clerk, Registrar's Office and B. S., Langston University, 1940.      Dexigraph Operator
Welch, R. B. ....	Auditor, Storeroom and Supplies B. S., Langston University; M. A., Northwestern University.

#### BOARDING DEPARTMENT

Bigelow, Myrtle .....	Supervisor, Dining Hall
Goodman, M. M. ....	Supervisor of Foods

#### HEALTH SERVICE

Jackson, B. L. C. ....	Head Nurse R. N., Prairie View State College; B. S., Langston University.
Jones, A. B. ....	Assistant Nurse R. N.
Thompson, S. C. ....	School Physician M. D., Meharry Medical College.

#### LIBRARY STAFF

Brown, Peggy, B. A. ....	Circulation Librarian
Josephs, Ruth, B. A. ....	High School Librarian
Peters, W. S., B. S., B. L. S., Hampton Institute .....	Librarian
Scott, A. M. ....	Assistant Librarian A. B., B. S. in Library Science; Graduate Study Graduate Library School University of Chicago.

AGRICULTURE AND HOME ECONOMICS  
EXTENSION SUPERVISORS

Hewlett, Helen M. Fowler	-----	Langston
B. S., Rust College.		
Taylor, J. E.,	-----	Langston
B. S. Alcorn A. and M. College		
COUNTY AND HOME DEMONSTRATION AGENTS		
Anderson, Anna L.	-----	Okmulgee
Diploma, Spelman College.		
Black, Thomas H. Jr.,	-----	Lincoln
B. S. A., Langston, University.		
Boone, Matye C.,	-----	Muskogee
B. S., Kansas State Teachers College, Pittsburg, Kansas. . . .		
Brooks, Paul O.	-----	Logan
B. S. A., Kansas State Agricultural College.		
Evans, Alpha Mae,	-----	McCurtain
B. S., Langston University		
Floyd, J. G.,	-----	Seminole
Diploma, Langston University		
Fuhr, A. H.,	-----	Muskogee
Diploma, Langston University		
Graves, Willie P.,	-----	Seminole
B. S., Langston University		
Hicks, Beulah M.,	-----	Lincoln
B. S., Tuskegee Institute		
Johnson, C. E.	-----	Okfuskee
Iowa State College.		
B. S., Alcorn A. and M. College, Alcorn, Miss.; Graduate Work,		
Johnson, Evelyn	-----	Oklahoma
B. S., Hampton Institute.		
King, Hazel O.,	-----	Creek
Diploma, Langston University.		
Lilly, D. P.,	-----	Okmulgee
B. S. A., Kentucky State College		
McCain, Lula B.,	-----	Okfuskee
Diploma, Kansas.		
Parker, Rosa J.,	-----	Logan
B. S., Kansas State Teachers' College, Pittsburg, Kansas; Graduate Work, Ibid.		
Robinson, Booker T.,	-----	Oklahoma
B. S. A., Langston University.		
Walker, C. E.,	-----	Creek
B. S., Langston University.		
Watlington, J. M.,	-----	McCurtain
B. S. A., A. and T. College, Greensboro, N. C.		

**VOCATIONAL AGRICULTURE TEACHERS**

Ashley, Lillard G.	-----	Boley
	B. S. A., Langston University	
Abram, J. B.	-----	Sand Springs
	B. S. A., Langston University	
Brown, E. D.	-----	Wewoka
	B. S. A., Langston University	
Burton, L. E.	-----	Colbert
	B. S. A., Langston University	
Clegg, James R.	-----	Geary
	B. S. A., Langston University	
Cooper, Clarence C.	-----	Luther
	B. S. A., Langston University	
Ellis, Clifford	-----	Bristow
	B. S. A., Langston University	
Gamble, Marshall E.	-----	Watonga
	B. S. A., Langston University	
Gilyard, Odell	-----	Langston
	B. S. A., Langston University	
Guest, Marion A.	-----	Wetumka
	B. S. A., Langston University	
Holt, Cecil G.	-----	Hennessey
	B. S. A., Langston University	
Jenkins, James M.	-----	Cushing
	B. S. A., Langston University	
Johnson, Garfield	-----	Broken Bow
	B. S. A., Langston University	
Lewis, Reedy T.	-----	Sapulpa
	B. S. A., Langston University	
Marshall, William A.	-----	Hugo
	B. S. A., Langston University	
McDonald, George	-----	Muskogee
	B. S. A., A. & T. College, N. Carolina	
Moore, Therman H.	-----	McAlester
	B. S. A., Langston University	

Parker, Willard G.	-----	Perry
	B. S. A., Langston University	
Price, Homer B.	-----	Berwyn
	B. S. A., Langston University	
Reid, Sylvester	-----	Wellston
	B. S. A., Langston University	
Scott, Albert	-----	Idabel
	B. S. A., Langston University	
Smith, Maceo L.	-----	Boynton
	B. S. A., Langston University	
Taylor, John E.	-----	Dover
	B. S. A., Langston University	
Word, George Oliver	-----	Shawnee
	B. S. A., Langston University	



## 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. Tusley, Speaker of the House; and approved by William C. Renfrow, Governor of Oklahoma Territory.

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

"The Colored Agriculture 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 a 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.

### PHYSICAL PLANT

#### **Agricultural Engineering and Dairy Building.**

These are among the recent additions in buildings, and were erected at a cost of \$56,230.70 in 1941. Four buildings in all, including dairy barn and two silos, Agricultural Engineering, Poultry House, and Horse Barn.

#### **Gymnasium.**

The Gymnasium is a large and spacious building, the central portion of which is used for physical education, the west portion for the office and store room of gymnastic fixtures, and the east portion for music studio. It was erected at a cost of \$20,000.00.

#### **Heating Plant.**

At the cost of \$75,000.00, the University has erected a new Heating Plant on the northeast part of the campus. It is so planned as to provide heat for the new buildings to be constructed on the campus in the next decade.

#### **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. It was constructed at an approximate cost of \$10,000.00.

#### **Infirmary**

Erected in 1940 at a cost of \$8,818.44. 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. It was erected at a cost of \$8,000.00.

**Marquess Hall**

This Dormitory is a two story brick building erected at an approximate cost of \$40,000.00 in 1903 and during 1940 modern improvements were made at a cost of \$11,958.24. It provides space for ninety-six men.

**New Tailor Shop.**

Erected at a cost of \$6,000.00 in 1940.

**Nursery School.**

The Nursery school now occupies what was previously the school's infirmary. A one-story frame building erected by student labor at a cost of \$2,500.00.

**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 Agricultural and Normal University. It contains the Secondary School, and the Library.

**Phyllis Wheatley.**

A two story brick building, the first to be constructed on the campus. It was built in 1903 at an approximate cost of \$26,000.00. Y. A. Project room for girls and the Cosmetology Department. This girl's dormitory also houses the University Bakery Shop, N. Y. A. Project room for girls and the Cosmetology Department. Several modern improvements were made to this buildings in 1940 at a cost of \$7,900.00.

**Poultry Plant.**

A two story frame building which is used primarily for incubation. It was constructed at an approximate cost of \$1,000.00.

**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. It was erected at a cost of \$12,000.00.

**Sanford Hall.**

The largest of the three Women's dormitories, Sanford Hall was erected in 1937 at a cost of \$150,000.00. 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 at a cost of \$107,524.13 in 1940. This building houses the Department of Natural Science and Agriculture.

#### **Teacher's Homes.**

Through the generosity of the General Education Board, six cottages for teachers, at a cost of \$25,000.00 were erected along the south front of the campus.

#### **Training School Building.**

Finished in 1928, at a cost of \$21,225.00 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. Approximate construction cost with additions, \$108,555.47.

#### **University Women**

A girl's dormitory was erected in 1928 at a cost of \$75,000.00 used exclusively for college women. It is a modern building and can easily accommodate one hundred students.

### **STANDING OF THE COLLEGE**

Langston University is recognized by the State Board of Education of the State of Oklahoma, as a standard four-year college. Offering the degree of Bachelor of Arts and Bachelor of Science.

1. **ADMISSION AS FRESHMAN.** 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.
2. Every student who is admitted to freshman college standing will be required to take a standard intelligence test and standard tests in English and Elementary Mathematics. These tests will be used as a basis for selecting courses for the freshman year.
3. **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 approved.

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.

4. 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.

5. 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.

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

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

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

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

6. 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 Adviser 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.

7. STUDY LOAD. The normal load shall be fifteen semester hours. A student with a scholastic average of "B" or better may upon per-

mission of his adviser and approval by the dean, take not more than 18 academic semester hours.

8. CLASS ATTENDANCE. See Page 14.

9. 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.

10. 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.

11. GRADES AND GRADE POINTS:

A—Excellent—90-100%—3 grade points per semester hour

B—Good—80-89%—2 grade points per semester hour.

C—Fair—70-79%—1 grade point per semester hour.

D—Poor—60-69%—no grade points.

F—Failure—Below 60—no grade points.

I—Incomplete. An Incomplete becomes "F" if not removed before the end of the following semester.

W—Withdrawal.

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

12. 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.

13. 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.

14. 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.

15. 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.

#### 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.

#### 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.

#### 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 or religious, social, educational, and community problems.

Each student should affiliate himself with this organization.

### **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
- The University Orchestra

### **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.

### **LANGSTON UNIVERSITY 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 entrees 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.

All students, except those who are acutely ill, whose health require a special diet will pay \$4.00 per month extra board.

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 blood test, etc.

### THE LIBRARY

The college library is housed in the entire north section and one-half of the south section of the first floor of Page Hall. The quarters include a stack room with a stack capacity for 11,000 volumes; a work room; two reading rooms; a reference book room; and a reserve book room. The potential seating capacity is for 184 persons.

The book collection contains approximately 8,600 books including selections representing all of the departments of instruction. The library has an annual subscription to 205 magazines and 14 newspapers; and a pamphlet collection totaling 7,000.

The staff is composed of a librarian, an associate librarian, a circulation librarian, and student assistants.

### EXPENSES

#### Fees for Resident Students

Registration Fee	\$17.75
Activity Fee	2.00
Key Deposit	.25
Regents' Fee	.75

#### Fees for Day Students.

Registration Fee	\$22.75
Activity Fee	2.00
Regents' Fee	.75

#### Maintenance Charges

##### Persons Living on the Campus.

Sanford Hall	\$22.00 Per Month
University Women	21.00 Per Month
Phyllis Wheatley	21.00 Per Month
University Men Annex	22.00 Per Month
University Men	21.00 Per Month
Marquess Hall	21.00 Per Month

The library fees, medical fees, and athletic fees, are included in the Registration Fee. Students taking laboratory courses in Biology, Chemistry, Physics, and Home Economics are charged a laboratory fee of \$3.00 per semester. Students taking instruction in typewriting are charged a fee of \$3.00 per semester. Students taking piano are charged a fee of \$5.00 per semester.

Included in the Activity Fee are charges for concerts, lectures, dramatic artists, and regular student socials.

The Maintenance Charge includes the cost of room, board, and laundry.

The monthly maintenance charges, paid monthly in advance and are due the first day of each calendar month. No student will be admitted to the college dining hall after the tenth of the month unless the maintenance charges have been paid.

There is no refund on the maintenance charge for less than two weeks absence.

All money sent for school expenses should be sent by post office money order, express order, or certified check, and should be made payable to Langston University.

The institution reserves the right to change any charges listed if the cost of operation makes it necessary.

Recent action of the State Legislature makes it mandatory that all students whose legal residence is not Oklahoma pay a non-resident fee, not to exceed \$75.00 per year.

A small fee of 25 cents per month per student will be charged those persons who desire to use a radio in their rooms, and those who use lights in addition to those provided by the University.

#### **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.

#### **REQUIREMENTS FOR GRADUATION**

The College offers the Degrees of B. S. and B. A.

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:
  - English
  - Mathematics
  - History
  - Sociology
  - Music
  - Art
3. To receive a Bachelor of Science degree the student must choose a major from one of the following:-
  - Agriculture
  - Biological Science
  - Commercial Education
  - Elementary Education
  - Home Economics
  - Industrial Arts
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, Commercial Education, Elementary Education, Home Economics and Industrial Arts, see curricula as outlined.
6. Thirty (30) 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.
10. Students who major in Fine Arts are exempted from the Natural Science and Mathematics requirements.
11. At least forty-five percent (45%) 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 curriculums are so arranged as to satisfy State requirements in the elementary and secondary teaching fields.
15. Students completing the requirements for graduation in the Elementary or Secondary field with a Life Certificate will receive the B. A. or B. S. degree in Education.
16. See advisor for major requirement for the B. A. or B. S. degree without the teacher's certificate.



## **REGULATIONS AND MINIMUM REQUIREMENTS FOR TEACHERS' CERTIFICATES**

### **Section 1. General.**

1. To be eligible to receive a state certificate to teach, a person shall be at least twenty years of age.
2. All applicants shall present evidence that they are graduates of approved high schools or that they have had equivalent training.
3. Work completed in standard, accredited colleges and universities only, will be accepted as a basis for teachers' certificates.
4. Applicants shall present evidence that they are of sound physical health and of good moral character.
5. Credit in extension and correspondence work not to exceed one-eighth of academic work may count toward satisfying the original requirements or the requirements for renewal of state certificates; provided, that not more than four semester hours of work shall be completed by correspondence or extension in any one semester.
6. The requirements in Oklahoma history, Oklahoma school law, and agriculture may be waived for one year in the case of an applicant who has otherwise completed all of the courses required for a state certificate in an institution outside of Oklahoma. (See Paragraph 9. Section 3.)
7. A registration fee of two dollars shall be paid by each applicant who has not been in residence in Oklahoma for twelve months immediately preceding the date of his application. The fee in the form of a certified check or a money order made payable to the State Board of Education shall accompany the application.

### **Section 2. How to Apply for Teachers' Certificates.**

1. An applicant who has completed work in a college or university outside the State of Oklahoma should write the Secretary of State Board of Education, Oklahoma City, for proper application blanks and directions.
2. An applicant who has completed the requirements for a state certificate in a college or a university in Oklahoma should write the registrar of that institution for the proper blank and instructions.

### **Section 3. Requirements for the Renewal of Teachers' Certificates**

1. Certificates issued prior to September 1, 1936, may be re-

newed in accordance with regulations in effect at the time the certificates were issued.

2. A one-year teacher's certificate issued subsequent to September 1, 1936, upon work done in an Oklahoma institution, may be renewed annually upon the holder's application, showing successful teaching and in the completion of eight semester hours of work during the calendar year the certificate has been in effect, which work must include courses required for a life certificate in the field in which the one-year certificate has been granted until the requirements for the life certificate have been met.
3. A one-year teacher's certificate issued subsequent to September 1, 1936, upon work done in a college or university outside the State of Oklahoma may be renewed upon the holder's application showing a year's successful teaching in Oklahoma and the completion of eight hours of work in an Oklahoma college or university, which teaching and work must have been done subsequent to the issuance of the original one-year certificate; provided, that the residence requirement may be temporarily waived for students who are pursuing a regular program leading toward a degree in an accredited institution out of the State, and such requirement may be permanently waived in the case of an applicant who holds a master's degree; provided further, however that a one-year certificate issued upon credits earned in an institution out of the state shall not be renewed until the holder has made passing grades of not less than 70 per cent in Oklahoma school law, Oklahoma history, and agriculture, in a state examination or has completed prescribed courses in these subjects in a senior college or university of Oklahoma, unless the applicant has completed not less than one-half unit of high school work in these subjects.

#### **Section 4. How to Apply for the Renewal of a Teachers' Certificate.**

The holder of a teacher's certificate who desires to apply for its renewal should write the secretary of the State Board of Education for a renewal blank. No request for renewal should be filed earlier than ninety days before the expiration of the original certificate that is to be renewed.

**ELEMENTARY CERTIFICATES****(Valid Grades 1—8)****See General Regulations, preceding pages****\*Courses in Education:****(Three-Fourths in Residence).**

	Semester 1-year	Hours Life
Educational Psychology -----	2	2
Philosophy of Education, or History of Education	0	2
General Methods and Management, including Oklahoma School Law -----	2	2
Specific Methods of Teaching Elementary Subjects	2	2
Educational Tests and Measurements -----	0	2
Apprentice Teaching in Elementary Schools* ----	4	6
Psychology of Childhood -----	0	2
Rural School Problems -----	2	0
Electives in Education or Psychology -----	0	2
<b>Total -----</b>	<b>12</b>	<b>20</b>
<b>Courses in Academic Subjects:</b>		
American History -----	4	4
American Government -----	2	2
Other Social Science Courses (History, Government, Sociology, Economics, Georgraphy, excluding Physical Geography) -----	4	6
English -----	6	8
Physical and Biological Science -----	6	8
Public School Music -----	2	4
Health Education (Hygiene) -----	2	4
Art -----	2	4
Oklahoma History or 1/2 unit or 70% in state Examination) -----	2	2
Minimum in Academic Subjects ----- (Three-Fourths in residence)	60	90
Minimum in All Subjects -----	76	90
Minimum in All Subjects ----- (Three-Fourths in residence)	76	124.
Minimum Degree -----	None	A.B. or B.S.

\* (1) Two Semester hours of work in apprentice teaching in the secondary field may be substituted for two semester hours of the required apprentice teaching in the elementary field. (2) Not more than six hours of the required courses in education may be taken in the first two years of the college course.

**HIGH SCHOOL CERTIFICATES****(Valid Grades 7—12)**

Note: Holders of general life High School certificates issued under former regulations are required to satisfy requirements in the teaching fields, only, for the respective certificates.

**\*Courses in Education:****(Three-Fourths in residence)**

	Semester 1-year	Hours Life
Educational Psychology -----	2	2
Psychology of Adolescence -----	2	2
Philosophy of Education, and History of Education	0	4
General Methods and Management, including Oklahoma School Law -----	2	2
Educational Measurement -----	0	2
Principles of Secondary Education -----	0	2
Apprentice Teaching in Secondary Schools* -----	4	6
	—	—
Total -----	10	20
<b>Other Required Courses:</b>		
English -----	6	8
American History and Government -----	6	8
Oklahoma History (or ½ unit or 70% in state examination) -----	2	2
Agriculture (or ½ unit or 70% in state examination) -----	2	2
Minimum in Academic Subjects ----- (Three-Fourths in residence)	76	0
Minimum in All Subjects ----- (Three-Fourths in residence)	90	124
Minimum Degree -----	None	A.B. or B.S.
Work in two or more of the following fields:		
<b>Agriculture:</b>	10	16
(May include Agriculture required for all certificates)		
Work in two or more of the following fields:		
Chemistry, Biology, Physics, Physical Geography, Geology, Astronomy -----	6	8
Total -----	16	24
	Semester 1-year	Hours Life

**ART: Valid Grades 1—12****Art:**

Principles of Drawing .....	2	2
Perspective Drawing .....	2	2
Water Color Painting .....	2	2
Poster .....	2	2
Design .....	2	2
Pottery or Modeling .....	0	2
Landscape .....	2	2
History of Art .....	0	2
Pictorial Composition .....	0	2
Electives (by Department) .....	4	6
<b>Total</b> .....	<b>16</b>	<b>24*</b>

\* (1) Two semester hours of work in apprentice teaching in the elementary field may be substituted for two semester hours of the required apprentice teaching in the secondary field. (2) Not more than six hours of the required courses in education may be taken in the first two years of the college course.

\* A. B., B. S., or B. F. A. Degree.

**Biology:**

Zoology .....	2	6
Zoology .....	4	6
Botany .....	4	6
Physiology .....	4	4
Work in two or more of the following subjects: Physics, Chemistry, Physical Geography, Geology, Agriculture, Astronomy .....	4	8
<b>Total</b> .....	<b>16</b>	<b>24</b>

**Chemistry:**

Chemistry .....	10	16
Work in two or more of the following fields: Biology, Physics, Agriculture, Physical Geography, Geology, Astronomy .....	6	8
<b>Total</b> .....	<b>16</b>	<b>24</b>

**Civics, Economics, Sociology and Problems of Democracy.**

Economics .....	4	4
Government .....	4	4
Sociology .....	4	4



Work in two or more of the following subjects:

American History, Ancient & Medieval History		
Modern European History -----	4	12
	—	—
Total -----	16	24

**Commercial Subjects:**

	Semester 1-year	Hours Life
Eypewriting -----	4	6
Shorthand -----	4	6
Accounting -----	4	6
Work in two or more of the following subjects:		
Business Law, Business Arithmetic, Business English -----	4	6
	—	—
Total -----	16	24

NOTE: A person who has completed not less than one full school year of work in shorthand or typewriting in high school or an unaccredited institution may be allowed a maximum of four semester hours of credit in each of these subjects toward the issuance of a certificate to teach commercial subjects, provided such applicant proves his proficiency in the commercial department of a standard senior college and complete therein not less than two semester hours of work in each subject; and provided further that the work so accepted shall not count as elective credit toward graduation or a part of a required major.

	Semester 1-year	Hours Life
Grammar and Composition -----	6	6
English Literature -----	6	10
American Literature -----	4	6
Work in two or more of the following Subjects: Speech arts, Journalism, Dramatics -----		
	0	8
	—	—
Total -----	16	30
French -----	20	28

(High School entrance credit shall count at the rate of two semester hours for each high school unit, provided it is not repeated in college for credit and that it does not exceed six semester hours.)

**General Science:**

Chemistry -----	4	4
Physics -----	4	4
Biology -----	6	6
Physiology -----	2	2

Work in two or more of the following subjects: Physical Geography, Geology, Agriculture, Astronomy -----	0	8
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Total -----	16	24
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Industrial Geography -----	4	8
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Work in two or more of the following fields: Economics, Sociology, History, Government, Agriculture -----	12	16
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Total -----	16	24
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Physical Geography -----	4	8
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Work in two or more of the following fields: Chemistry, Biology, Physics, Geology, Astronomy, Agriculture -----	12	16
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Total -----	16	24
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German -----	20	28
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(High School entrance credit shall count at the rate of two semester hours for each high school unit, provided it is not repeated in college for credit and that it does not exceed six semester hours.)

**History:**

American History -----	6	6
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Ancient and Medieval History -----	4	4
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Modern History (European) -----	4	6
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Oklahoma History -----	2	2
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American Government -----	2	2
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Work in two or more of the following subjects: Economics, Sociology and Government -----	0	4
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Total -----	18	24
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**Home Economics:**

Food and Nutrition -----	4	6
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Clothing and Textiles -----	4	4
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House Care and Equipment -----	2	2
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Home Nursing and First Aid -----	2	2
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Home Furnishing -----	2	2
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Costume Design -----	2	4
Home Management -----	0	4
Child Development -----	2	2
Electives in Related Fields -----	2	12
	—	—
Total -----	20	36
Natural Science -----	4	8
Art. -----	2	2
<b>Industrial Arts:</b>		
Bench Woodwork -----	4	4
Cabinet Making -----	4	4
Metal Work -----	0	2
Wood Finishing -----	1	1
Industrial Arts Design -----	0	2
Care of Shop Equipment -----	1	1
Working Drawings -----	2	2
Machine Drawings -----	2	2
Architectural Drawing -----	0	2
Electives in Drawing -----	0	4
Electives in Shop Work -----	2	6
	—	—
Total -----	16	30
<b>Journalism:</b>		
Journalism -----	6	12
Work in two or more of the Following Subjects:		
English, Grammar, and Composition, American		
Literature, English Lit.,		
Dramatics -----	10	12
	—	—
Total -----	16	24
<b>Latin:</b>		
Latin -----	20	28
(High School entrance credit shall count		
at the rate of two semester hours for each		
high school unit, provided it is not repeated		
in college for credit and that it does not exceed		
six semester hours.)		
<b>Mathematics:</b>		
Geometry -----	2	6
Algebra -----	6	6
Trigonometry -----	3	3
Electives in Mathematics, which may include		
additional work in the three foregoing sub-		



jects or any other subjects in the field of mathematics -----	5	9
Total -----	16	24

NOTE: High school credit in intermediate algebra and solid geometry may be counted respectively, for 3 semester hours and 2 semester hours, if the beginning courses in college are not taken; provided that the total number of semester hours of mathematics completed in college shall not be less than 16 for the 1-year certificate and 24 for the life certificate.

**Physical Education:**

Activity and Participation Courses -----	8	10
Organization and Administration -----	0	2
Individual Gymnastics -----	0	2
First Aid -----	1	1
Boy or Girl Leadership -----	2	2
Anatomy -----	2	2
Theory of Activities (including Theory of Intramurals) -----	4	4
Electives in Physical Education -----	0	1
Total -----	17	24
Physics -----	10	16

Work in two or more of the following fields.

Chemistry, Biology, Agriculture, Physical Geography, Geology, Astronomy -----	6	8
Total -----	16	24
<b>Public School Music (Vocal); Valid Grades 1—12:</b>		
Harmony -----	4	19
History of Music -----	4	4
Sight Singing -----	2	2
Conducting -----	0	2
Voice -----	6	12
Piano -----	4	8
Electives in Music -----	4	8
Total -----	24	48*

NOTE: For this certificate, at least two hours of the required apprentice teaching must be in vocal music.

**Public School Music (Instrumental): Valid  
Grades 1—12:**

Harmony -----	4	8
---------------	---	---

History of Music -----	2	4
Sight Singing -----	2	2
Instrumentation -----	2	4
Conducting -----	0	2
Instruments: Major -----	6	10
1st Minor -----	0	4
2nd Minor -----	0	4
Voice -----	2	2
Piano -----	2	4
Electives (Not in Major or Minor) -----	4	4
	—	—
Total -----	24	48*

NOTE: For this certificate, at least two hours of the required apprentice teaching must be in instrumental music.

\* A. B., B. S., or B. F. A. Degree.

**Organ, Orchestral and Band Instruments,  
Piano, Violin : Valid Grades 1—12:**

Applied Music -----	10	32
Harmony -----	4	10
History of Music -----	4	4
Sight Singing -----	2	4
Counterpoint -----	0	4
Electives (not in major instrument) -----	4	6
	—	—
Total -----	24	60*

\* A. B., B. S., or B. F. A. Degree.

Speech Arts -----	6	12
Work in two or more of the following subjects:		
English Grammar and Composition, American Literature, English Lit., Dramatics -----	10	12
	—	—
Total -----	16	24
Spanish -----	20	28

(High School entrance credit shall count at the rate of two semester hours for each high school unit, provided it is not repeated in college for credit and that it does not exceed six semester hours.

**Kindergarten:**

Applicants who have completed all requirements for the Life Elementary Certificate, and including or in addition, the following courses, may be issued a five-year Nursery-Kindergarten-Primary Certificates:

**DIVISION A: NURSERY—KINDERGARTEN—**

	Semester Hours
PRIMARY COURSE OR COURSES .....	16
(Theory, curriculum, content, literature, related problems such as: music, play, industrial arts, manuscript writing, nature study, beginning reading—Covering the activities found often in courses designated "First and second year kindergarten and primary work)	
DIVISION B: Apprentice Teaching .....	8
(Observation, participation, and actual practice in child care, direction and training.)	
DIVISION C: Child Welfare .....	6
(A consideration of the physical, social, and mental — intellectual and emotional — care, growth and development, including nature, nutrition, measurements, and mental and social hygiene.)	
DIVISION D: Parent-Child Relationships.....	2
(Factors and problems involved in the education of parents and their young children.)	
1. The hours of Division A may be met by the following two courses demanded for certification of elementary teachers:	
Educational Psychology .....	2
General Methods and Management .....	2
2. Four hours of Division B may be met by apprentice Teaching in the elementary grades .....	
4	
3. Three Hours of Division C may be met by Psychology of Childhood.	

**Vocational Agriculture:**

A teacher of Agriculture in a high school department participating in Federal or State funds for vocational education shall, before assuming his duties, meet the general requirements set out in Section 1 of these regulations, and shall have the following qualifications and be approved by the State Supervisor of Agricultural Education.

(1) EXPERIENCE—He shall have had at least two years of practical farm experience. He must not be less than 21 nor more than 40 years of age at the beginning of his service.

(2) ATTITUDE—He shall know the vocational agriculture program.

(3) EDUCATION—He shall be a graduate of a standard four-year course of college grade from an agricultural college or from some other accredited institution of equal rank.

The college course shall include not less than 43 semester hours of technical or practical agriculture, not less than 24 semester hours in sciences related to agriculture, and not less than 8 semester hours of farm shop, 4 of which must be in methods and include work other than farm carpentry.

The course is to include courses in each of the following subjects with approximately the distribution given.

I. Technical Agriculture .....	46
1. Animal Husbandry (nutrition required) .....	12
2. Agronomy (soils required) .....	13
3. Agricultural Economics (Market & Farm management) .....	5
4. Dairying .....	8
5. Horticulture .....	3
6. Poultry .....	5
II. Science related to Agricultural .....	25
1. Botany .....	8
2. Chemistry .....	13
3. Entomology .....	4
III. Farm Shop .....	9
1. Agricultural Engineering .....	4
2. Farm Shop .....	5

(4) Professional Training—To be eligible to teach vocational agriculture, an applicant must have a certificate issued by the State Board of Education. A transcript of credits showing the applicant has met the educational requirements to teach vocational agriculture approved by the Department of Agricultural Education at the Oklahoma Agricultural and Mechanical College, and by the State Supervisor of Agricultural Education, shall be filed with the State Board of Education before a certificate is issued.

This training shall include not less than 15 semester hours of agricultural education 12 of which shall be in agricultural education. The agricultural education shall be taken in a department approved for the work by the Federal Board for Vocational Education and shall include 6 semester hours in methods of teaching agri-

culture and 4 semester hours in observation and directed teaching of vocational agriculture.

(5) Personality and General Qualifications—Because of his duties with high school students, farmers, and other groups, the teacher of vocational agriculture must possess qualities of adaptation and leadership. He must have the ability to express his ideas in correct clearcut English. He must not have physical handicaps which interfere in any way with his work as a teacher of vocational agriculture.

(6) Re-employment—Teachers and others who have taught vocational agriculture and then engaged in other work must meet the requirements in force at the time they re-enter the service.

**Vocational Home Economics:**

Requirements for life certificates to teach Home Economics in high schools receiving state and federal vocational funds shall, in addition to the requirements set out in Section 1 of these regulations, be as follows:

	Semester Hours
Food Preparation and Service -----	6-8
Nutrition and Dietetics -----	3
(Organic Chemistry prerequisite or parallel.)	
Clothing and Textiles -----	6-8
Costume Design -----	2
House Planning and Furnishing -----	3
Home Economics and Management -----	2
House Care and Equipment -----	2
Family Relationships -----	2
Home Nursing -----	2
Home Management House -----	3
Child Development, Participate in Nursery School -----	3
Elective -----	2-4
Total -----	40

**OTHER FIELDS:**

English -----	9-12
Art -----	4-6
Social Science -----	10-12
Natural Science -----	8-10
(Including Chemistry and Biological Science.)	

Professional Courses: A minimum of 8 hours in Home Economics Education. Students teaching and methods of teaching shall include observation and teaching in vocational high school classes, related art, nursery schools and adult classes.

Applicants shall meet the Home Economics Education requirements of colleges and universities approved by the U. S. Office of



Education, and be approved by the State Supervisor of Home Economics Education. Further requisites include:

Two years of practical home experience and active participation in home life.

Wholesome attitudes toward home and family life.

Qualities of leadership.

Continued professional improvement, with study in own field at least every three years and participation in state conferences.

Present requirements will be met before re-employment.

(7) Professional Improvement—Six weeks on alternate summers or three weeks each summer may, with the approval of the local board and the State Supervisor, be allowed teachers of vocational agriculture for professional improvement, provided such training is secured at institutions approved by the Federal Board for Vocational Education for teacher training in vocational agriculture, and provided that the courses taken are for improving the efficiency of the teacher in vocational agricultural education.

(8) Certification—A certificate to teach vocational agriculture will be issued by the State Board of Education to an applicant, qualified under the State plans and meeting the State requirements for a High School certificate upon the filing of an approved transcript of credits.

## PURPOSE AND ORGANIZATION

### I. Main Purposes of the College.

Langston University, as in the case of other Negro Land-Grant Colleges exists for the purpose of promoting through instruction the practical applications of knowledge to specific life situations.

Four basic areas of service are as follows:

The training of teachers for those branches of service which meet the common demand of the State.

The teachers of technical and vocational aspects with due stress being placed upon those basic courses which make for a balanced personality and a better citizenry.

The training in definite skills, which enables those taught to attain greater economic freedom.

The research work directed toward solving group problems.

### II. Organization of the College.

The work of the college is grouped into departments and divisions as follows:

The division of Agriculture which offers majors in Animal Husbandry, Crops, and Soils, Agricultural Education and Vocational Agriculture.

The Division of Arts and Sciences which includes the following departments:

1. Art
2. Commercial Education
3. English and Foreign Languages
4. Mathematics
5. Music
6. Natural Sciences:  
Astronomy, Biological Sciences, Chemistry, Geology,  
Health Education, and Physics.
7. Physical Education
8. Social Science  
Economics, Government, History and Sociology

The Division of Education  
Elementary Education  
Philosophy  
Psychology

The Division of Home Economics  
Clothing and Textiles  
Food and Nutrition  
Nursery School  
Vocational Home Economics

The Division of Industrial Arts.  
Auto Mechanics, Drawing, Electricity, Industrial Engineering,  
Laundering, Photography, Printing, Shoemaking, Tailoring,  
Vocational Education, and Wood Work.

### DIVISION OF AGRICULTURE

#### Faculty

- M. F. Spaulding, Ph. D.—Director and Agronomist  
B. V. Johnson, M. S.—Agricultural Economics and Poultry  
D. C. Jones, M. S.—Agricultural Education  
R. E. Malone, M. A. (Hon.) Horticulture  
E. R. Moore, M. S.—Animal Husbandry  
A. B. Prewitt, B. S.—Farm and Farm Shop.

#### General Objectives.

- I. To train young men to become economic producers in the practical pursuits of agriculture and its allied industries such as:
  - a. Practical farmers in crops production and soil fertility maintenance.
  - b. Practical farmers in animal production, swine production, sheep production, beef cattle production and poultry production.

- c. Practical scientific dairy farmers.
- d. Practical home grounds and yard maintenance
- e. Practical vegetable production.
- f. Vocational Agricultural teachers and County Agents.

### ORGANIZATION

The work of the Division of Agriculture is carried on through the following three major fields.

1. Agricultural Education
2. Agricultural Extension
3. Residence Teaching

### AGRICULTURAL EDUCATION

#### **D. C. Jones — Itinerant Teacher Trainer**

The Division of Vocational Education is operated by Langston University and the Division of Vocational Education in Oklahoma in cooperation. The purpose of this work is to train young men to develop and exercise the functions of rural leadership in farm business organization, improved farming practices and improvement in the social and economic life of rural communities.

In short the work of the department is to train young men to work with rural people and farm youth in certain specified areas to help them to put brains and skill in the occupation and performance of farm jobs out of school and in school youth. This work is carried on through the vocational department of the various high schools that qualify through the state department of vocational education.

### AGRICULTURAL EXTENSION SERVICE

J. E. Taylor, Sr.—State Agent for Extension Work.

H. M. Hewlett—State Agent for Home Demonstration Work.

The Negro Division of Agriculture Extension Service in Oklahoma is operated by the U. S. D. A. in cooperation with the Oklahoma Extension Service. Farm demonstration, home demonstration, club work, boys and girls annual short courses, short courses for in-service agents are important parts of the system.

The purpose of Agricultural Extension Work is to carry to the rural people practical and simple instructions and information that will help them in the performance of regular farm and home duties with satisfaction sufficient to make the home farm a better place to live.

In short, County and Home Demonstration Agents digest the work and discoveries of modern science and fit it to the needs of the specific farm situations so that sustaining agriculture may replace our once soil depleting system. The purpose of which is to combine brains and skill in the performance of every day tasks associated with farm living.

## RESIDENCE TEACHING

### 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. 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 33 acres; garden 9 acres; piggery 12 acres and poultry plant 3 acres.

## EQUIPMENT

Activities of the division of agriculture are housed in four brick structures. The agricultural and science hall a three story modern brick structure in which the agricultural offices, extension offices, agricultural education office and work room, farm management and animal husbandry work rooms, laboratories in crops and soils and class rooms are located. The dairy and pasteurizing plant is a three-unit structure. The laboratory and pasteurizing plant house the latest mechanical and refrigeration machinery and equipment for operating a complete medium sized dairy. The lounging shed and milking parlor are most modern, a simplified Walker gordon rotalactor. The latest in the production of Grade A raw milk. The barn is a two shory structure accomodating a hay loft, feed storage rooms, two 150 ton silos, maternity stalls and calf pens. Two breeds of cattle are maintained. The agricultural engineering building (slaughter house and judging arena) is a one story structure built on a plan to balance the dairy unit. The arena and slaughtering pen are arranged so that one may become an auditorium and the other a stage or used separately. Toilet facilities for conducting interest, promoting activities for boys and girls are provided. The farm shop has facilities for an office, tool storage, wash rooms, lavatory, wood work, iron work, farm machinery repair and storage. When fully equipped with tools and personnel it will fill a much needed gap in our scientific instruction. The new poultry brooder house, a one story brick structure has facilities for incubating and brooding; judging, picking, dressing and grading poultry and eggs. One 2016 egg incubator is used for laboratory and production work.

The present laying house is 80 feet by 20 feet and accomodates 400 laying hens. Trap nests at present are situated in the laying house for checking production of the flock. Three breeds of birds are maintained; Barred Rocks, Rhode Island Reds and White Leg-horns. A brooder house which accomodates 1500 baby chicks is heated by gas and provided with 52" canopy hovers.



### 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 to be eligible must make formal application to the director of agriculture at Langston and secure the approval of their County Agent or Vocational teacher before being considered. Projects in best condition along with the high school record and those who can go farthest towards financing themselves will be of prime importance in the selection of those who are to participate.

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.

### PRIZES, MEDALS, AWARDS AND SCHOLARSHIPS

#### Division of Agriculture

**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.

**THE NEGRO CHAMBER OF COMMERCE PRIZE** of \$50.00 will be awarded each Commencement, beginning with 1942, to the member of the previous class who received a degree in agriculture and is engaged in agricultural production related to his major field.

**THE O. B. BURST PRIZE** of \$25.00 will be awarded to the student who best adapts himself to the repair, upkeep and maintenance of farm machinery and farm shop work.

**THE A. L. HALEY CASH PRIZE** of \$10.00 will be awarded annually to the Father-Son Partnership, that is, the son who goes to college and maintains the most interest in his farm and rural life and returns to it. This prize will be available in 1942 to a member of the 1941 class.

**THE GILES H. HUBERT CASH PRIZE** of \$25.00 will be awarded the student in agriculture who writes the best paper on a field study of a Negro rural community in Oklahoma. Regulations as set up by the Director of Agriculture.

**THE M. F. SPAULDING AWARD** of \$25.00 will be awarded to a member of the 1941 graduating class towards the purchase of a farm and helping him become established in farming. To become available in 1942.

**THE GEORGE DAVIS AWARD** of a pure bred beef animal



valued at \$50.00 will be made to a member of the class of 1941 in May who has made the best start in livestock production.

THE J. E. TAYLOR, SR. PRIZE of \$10.00 will be made annually to the farmer 4-H Club student who completes the first three years of college work with the best average. To be eligible for this the student must complete 3 4-H Club projects either before or after entering college.

THE L. GUDE PRIZE of \$5.00 will be awarded annually to the project student making the most money from his project during the year. To be available in 1942.

THE W. H. SLAUGHTER PRODUCTION LOAN FUND of \$25.00 will be available to project students for short loans to purchase feed or stock as a means of making money for financing a college education.

DIVISION OF AGRICULTURE SCHOLARSHIPS—President Harrison and the Board of Regents of Oklahoma Colleges are offering ten scholarships at \$50.00 each to prospective students in the Freshman class in agriculture. Two of these prizes will be available to class A high schools and eight to class B. These scholarships are given to stimulate interest in scientific and practical agriculture.

### GENERAL INFORMATION

Agriculture is a basic industry to the welfare of any people. The majority of the Negro population are 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 in those sciences which are the basis of scientific agriculture. The various curricula are planned for preparing students for various types of farming—agricultural high school teachers, extension workers, college teaching and businesses associated with agriculture.

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

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

The curriculums in agronomy, animal husbandry, poultry husbandry, landscape gardening 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. A fee of .50 cents shall be collected by a designated party for sponsoring the activities of the above societies, 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 134 semester hours of work which must have included the designated required courses. Agricultural education majors and elementary agricultural teachers should include specified courses outlined by the state for certification. Membership in good standing must be maintained in one of the agricultural organizations sponsored by the division.

### **FARM PRACTICE REQUIREMENTS**

For those who in the opinion of their major adviser feel that their farm practice is limited they are required to spend their summer vacation between the sophomore and junior year on the university's farm or an approved farm to acquire this practice. Credit for which may be assigned but shall not count in the total of 134 hours required for graduation.

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 and as a guide for future use in predicting success and correlating credits with achievement in later life on a real job.

A. B. Spellman College, Atlanta, Go. Two years graduate study

**COURSE OF STUDY****Freshman**

	First Semester	Second Semester
Sci. 101, Chemistry or M. L. 101 English Comp. -----	( ) 3	( ) 3
P. H. 141-142 Farm Poultry— Poultry House Design and Construction -----	(2-2) 3	(1-2) 2
Ag. 101-102 Field Crops — Forage Crops -----	(2-2) 3	(2-2) 2
Ag. Eng. 161-162 Farm Shop— Farm Power -----	(0-4) 2	(0-4) 2
Math. 200 Agri Mathematics -----		(3-0) 3
A. H. 131-132 Breeds and Types —Farm Meats -----	(2-2) 3	(1-2) 2
Physical Education 101-102 -----	(02) 1	(0-2) 1
	15	16
Total -----		

All Freshman should include either English or Chemistry the first semester and no one is to take both except by special permission.

**Sophomore**

Sci. 101, Chemistry of M. L. 101, Eng. Comp. -----	( ) 3	( ) 3
Hort. 211-212 Landscape Garden- ing — Vegetable Garden ----	(1-4) 3	(1-4) 3
A. H. 232-233 Farm Dairying — Dairy Cattle -----	(1-2) 2	(1-2) 2
Sci. 251 Botany -----		(2-4) 4
P. H. 243 Hatchery & Chick Move- ment -----		(1-6) 3
Ag. Eng. 261-262 Domestic Engineer- ing — Farm Mach. -----	(0-4) 2	(1-2) 2
Chemistry 311 Organic -----	(3-4) 5	
Physical Education 201-202 (Elective) -----	(0-2) 1	(0-2) 1
	16	16
Total -----		

**Crops, Soils and Animal Husbandry Majors****JUNIORS**

Ag. 304-306 Soils — Soil Manage- ment -----	(2-3) 3	(2-2) 3
--	---------	---------

Hort. 315-318 Plant Physiology —				
Plant Pathology .....	(2-2)	3	(2-2)	3
Hort. 311-312 Fruit Growing —				
Nursery Practice .....	(1-4)	3	(1-4)	3
A. H. 331 Animal Nutrition .....	(3-0)	3		
Ent. 121 General Entomology				
(330B) .....			(2-2)	3
Ag. 303 Agricultural Bacteriology				
(350) .....	(2-2)	3		
Ag. Eco. 371 Farm Credits &				
Agricultural Adj. ....	(1-2)	2		
A. H. 337 Breeds & Types .....			(1-2)	2
		—	—	—
Total .....		17		14

b ELECTIVES — CROUS AND SOILS

**SENIORS**

Ag. 401 Commercial Grading and				
Judging Crops .....	(1-4)	3		3
Ag. 404 Genetics .....			(2-2)	3
Ag. 406-401 Soil Fertility —				
Soil Conservation .....	(2-2)	3	(2-4)	4
Ag. Eco. 472-473 Marketing Farm				
Farm Mgt. ....	(1-2)	2	(2-2)	3
Ag. Eco. 474 Farm Records and				
Accounts .....			(1-2)	2
Electives (must be in Technical				
Agriculture .....		8		7
		—	—	—
Total .....		16		19

ANIMAL HUSBANDRY MAJOR

**SENIORS**

A. H. 431-432 Adv. Livestock Judd-				
ing — Sheep Prod. ....	(2-2)	3	(1-2)	2
A. H. 436-437 Horse Production—				
Swine Production .....	(1-2)	2	(1-2)	2
A. H. 434-439 Dairy Cattle Mgt. —				
Animal Breeding .....	(1-2)	2	(2-0)	2
Ag. Eco. 472-473 Marketing Farm				
Products — Fm. Mgt. ....	(1-2)	2	(2-2)	3
Ag. Eco. 474 Farm Records .....			(1-2)	2

Chemistry 332A Physiological			
Chemistry -----		(3-0)	3
Electives -----	6		
	<hr/>		<hr/>
Total -----	15		16

## POULTRY MAJOR

## JUNIORS

A. H. 331 Animal Nutrition -----	(3-0)	3		
Sci. 350 Bacteriology -----	(2-2)	3		
Ag. 304-306 Soils — Soil Manage- ment -----	(2-3)	3	(2-2)	3
P. H. 323 Poultry Breeding -----	(2-0)	2		
Ag. 404 Genetics -----			(2-2)	3
P. H. 142-244 Poultry Housec De- sign & Cons.—Poultry Feeding	(1-2)	2	(1-4)	3
Ent. 123 Field Crop Insects -----			(1-2)	2
P. H. 242 Poultry Breeds & Types --	(1-2)	2		
P. H. 423 Poultry Judging -----			(1-4)	3
Ag. Eco. 371 Farm Credit & Agri- cultural Department -----	(1-2)	2		
	<hr/>			<hr/>
Total -----	17			14

## SENIORS

P. H. 413-425 Turkey, Duck, Geese, Prod.—Adv. Gen. Poultry ----	(1-2)	2	(1-2)	2
Ag. Eco. 472-473 Marketing Fm. Products — Farm Mgt. -----	(1-2)	2	(2-2)	3
Ag. Eco. 474 Farm Records & Accts.			(1-2)	2
P. H. 341 Flock Management -----	(1-2)	2		
P. H. 418 Marketing Poultry Prod.	(1-2)	2		

(Vocational Agriculture and General Agriculture Certificate)

## JUNIORS

P. H. 421 Poultry Problems -----	(1-2)	2		
Electives -----		5		
	<hr/>			<hr/>
Total -----		16		14

## AGRICULTURAL EDUCATION

Soils —304 Materials & Agencies --				
402 Conservation -----	3	(2-3)	4	(2-4)
An. Husb. — 331 Nutrition -----	3	(3-0)		



Soils—303 Ag. Bacteriology -----	3	(2-2)		
Ag. Ed.—352 Voc. Ed. 353 Spec. Methods -----	2	(0-2)	2	(0-4)
Ag. Ed. — 354 Ev. & P. T. School..			2	(0-4)
Education—102 Ed. Psy. 222 Adol. Psy -----	3	(2-0)	2	(2-0)
Ag. Ec.—371 Farm Credits & Adj.	2	(1-2)		
Electives -----	2		7	
	<hr/>		<hr/>	
Total -----	18		17	

SENIORS

Ag. Ev.—Farm Man. 472 Mktg.---	3	(2-2)	2	(1-2)
Entom.—121 Gen. Entom. -----			3	(2-2)
Educ.—201 General Methods ----	2	(2-0)		
Ag. Ed.—451 Course Organ. 454				
Mod. Lang.—317 Journalism -----	2	(2-0)		
Prac. Teaching -----	2	(0-4)	4	(2-5)
An. Husb.—434 Dairy Cattle Prod.	2	(1-2)		
Ag. Education—453 Supervised Practice -----	2	(1-2)		
Ag. Economics—474 Farm Records			2	(1-2)
Electives -----	4		6	
	<hr/>		<hr/>	
Total -----	17		17	

GENERAL AGRICULTURE AND ELEMENTARY EDUCATION  
TEMPORARY CERTIFICATE

JUNIORS

Soils—304 Materials and -----	3	(2-3)	3	(2-2)
306 Soils Management -----				
An. Husb.—331 Nutrition -----	3	(3-0)		
Sciences—157 Hygiene -----			2	(2-0)
Ag. Ec.—371 Farm Credit and Ag. Adj. -----	2	(1-2)		
Education—102 Ed. Pay. 308 Child Psy. -----	3	(3-0)	2	(2-0)
Art—101 Princ. of Art -----	2	(2-0)		
Educ.—201 Gen Methods 202 Spec. Meth. -----	2	(2-0)	2	(2-0)
Agri.—121 Entomology -----			3	(2-2)
Music—1S1 Sight Singing -----	2	(2-0)		
Soc. Sci.—240 American Gov't. --			3	(3-0)
Electives -----	0		2	
	<hr/>		<hr/>	
Total -----	17		17	

## SENIORS

Ag. Ec.—473 Farm Man. — 472			
Marketing -----	3 (2-2)	2	(1-2)
Ag. Ec.—474 Farm Records -----	2 (1-2)		
Science—257 Community Hygiene		2	(2-0)
Soc. Sci.—202 American History --	4 (4-0)		
405 Prac. Teaching -----	2 (2-0)	4	(1-4)
Music—Public School Music -----	2 (2-0)		
Education—122 Rural School Prob.			
405 Prac Teaching --	2 (2-0)	4	(1-4)
Education—311 Ed. Measurements		2	(2-0)
Electives -----	4	7	
	—	—	
Total -----	17	17	

**GENERAL AGRICULTURE**  
**High School Certificate**

## JUNIORS

Ag. 304-402 Soils - Soil Conservttion	(2-3) 3	(2-4)	4
A. H. 331 Animal Nutrition -----	(3-0) 3		
Ag. 303 Agricultural Bacteriology			
(350 -----	(2-2) 3		
Ed. 102-222 Educational Psychology			
—Adol. Psy. -----	(3-0) 3	(2-0)	2
Ag. Eco. 371 Farm Credit and Ag.			
Adjustment -----	(1-2) 2		
Math. 230 Fundamentals of Statistics	(3-0) 3		
Ed. 311 Educational Measurements		(2-0)	2
Electives -----	0		9
	—	—	—
Total -----	17		17

## SENIORS

Ag. Eco. 472-473 Marketing Farm			
Products—Farm Management	(1-2) 2	(2-2)	3
Ent. 121 General Entomology			
(330B) -----		(2-2)	3
A. H. Dairy Cattle Management --	(1-2) 2		
Ag. Eco. 474 Farm Records -----		(1-2)	2
Ed. 201-450 General Methods --			
Prin. Sec. Ed. -----	(2-0) 2	(2-0)	2
Ed. 392-492 All Teaching -----	(0-2) 2	(0-2)	2
Electives -----	9		5
Total -----	17		17

### **SHORT COURSE IN AGRICULTURE**

#### **December, January and February 1941-42**

This course is intended for people actually engaged in farming who cannot leave home but for short periods. Anyone able to profit by the instruction may attend. Course offerings consist mostly of practical jobs associated with successful farm operation.

### **ONE WEEK SHORT COURSE**

This course is for adult farmers on recent developments and techniques based on successful farm practices under Oklahoma conditions. The approximate date for this course is January, 3rd or 4th week.

### **FAIRS, EXHIBITS & AGRICULTURAL CONFERENCES**

The 4-H Club State Exhibit will be held early in October 1941. Annual Extension Conference will be held early in November 1941.

Langston's Fair will be held during the second week of September, 1941.

Summer Conference of Teachers of Vocational Agriculture will be held June 1-5, 1942.

N. F. A. Meeting will be held April 22-24, 1942.

Fall Conference of Teachers of Vocational Agriculture will be held June 1-5, 1942.

Fall Conference of Teachers of Vocational Agriculture will be held November 27-28, 1942.

The Triple A Conference of Government Agencies, County and Home Demonstration Agents will be held March 5-7, 1942.

Arbor Week will be held March 9-14, 1942 in the University Chapel by the Agricultural Division.

All conferences are to be held in the Science and Agricultural building, Langston University, Langston, Oklahoma.

### **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 adviser.

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

Those who show 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 .....	(1-2)	3	(1-2)	3
P. H. 141-142 Fm. Poultry—Poultry House Design and Construction	(2-2)	3	(1-2)	2
Ag. Eng. 161-162 Farm Shop — Farm Power .....	(0-4)	2	(0-4)	2
Math. 200 Agriculture Mathematics			(3-0)	3
A. H. 131-132 Breeds & Types— Farm Meats .....	(2-2)	3	(1-3)	2
Total .....		11		12

#### SECOND YEAR

Total .....		10		13
Agricultural Science .....	(1-2)	3	(1-2)	3
Hort. 211-212 Landscape Gard. — Vegetable Gard. ....	(1-4)	3	(1-4)	3
A. H. 232-233 Farm Division — Dairy Cattle .....	(1-2)	2	(1-2)	2
P. H. 243 Hatchery & Chick Manage- ment .....			(1-6)	3
Ag. Eng. 261-262 Domestic Eng.— Farm Mach. ....	(0-4)	2	(1-2)	2
Farm Practice				
Total .....		10		13

**DESCRIPTION OF COURSES****AGRONOMY DEPARTMENT****Crops**

Courses in Farm Crops and Soils are planned for those who desire broader training in the general field of agriculture sufficient to enable them to be successful in crop production of soil fertility maintenance under Oklahoma conditions and the South West.

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

Field Crops (formerly Major Crops) 2\*-2-\*3\*.

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 2-2-3 Credit 3 hours**

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

**Ag. 201 Cereals and Root Crops 2-2-3 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 hrs.**

General Afiriculture 2-0-2. For teachers and prospective teachers in the State of Oklahoma.

**Ag. 202 Credit 2 hrs.**

Legume 1-2-2. A study of the culture use identification production of legumes, given in alternate years.

**Ag. 301 Credit 2 hrs.**

Field Crop Problems 1-2-2. Field trips and library reports.

**Ag. 302 Credit 2 hrs.**

Agronomic Literature — Credit to be arranged. The interpretation of research data and the calculation of probable error from a set variables.

**Ag. 401 Credit 3 hrs.**

Commercial Grading and Judging Crops 1-4-3. Practice in judg-

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\*\*\*In each course description the numbers following the name of the course are read as follows: First number — lecture hours; Second number — laboratory hours; Third number — credit hours



ing cotton, hay, potatoes and other crops according to Federal standards and the use of score cards.

**Ag. 404**

**Credit 3 hrs.**

Genetics 2-2-3, (formerly Ag. 454). The basic principle of variation and heredity and the improvement of farm crops by the application of genetic principles.

**Ag. 400 Practical Experience**

**Credit 2-5 hrs.**

#### Soils

**Ag. 303**

**Credit 3 hrs**

Agricultural Bacteriology (formerly Ag. 350) 2-2-3. 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**

**Credit 3 hrs.**

Soils 2-2-3. Materials and agencies involved in the formation of soils and the physical properties of soils.

**Ag. 306**

**Credit 3 hrs.**

Soil Management 2-2-3. Means of modifying physical, chemical and biological properties of soils by drainage, tillage, fertilization and liming.

**Ag. 402**

**Credit 4 hrs.**

Soil Conservation 2-4-4. The conservation of soils through contours, sod crops, erosion accelerating and erosion retarding practices. Half credit from soil conservation engineering (Ag. Eng. 411).

**Ag. 403**

**Credit 3 hrs.**

Soil Reclamation 2-2-3. A study of methods of soil reclamation and the relation of fertility to erosion factors.

**Ag. 405**

**Credit 3 hrs.**

Soil Analysis 0-6-3. A study of methods in soil investigation. Mechanical analysis, moisture equivalent, Colloids, base exchange, reaction.

**Ag. 406**

**Credit 3 hrs.**

Soil fertility (formerly Ag. 411) 2-2-3. Sources, manufacture and utilization of plant nutrients and the effect of fertilizers and manures of soil solution and plant quality.

#### ENTOMOLOGY

**Ent.-121**

**Credit 3 hrs.**

General Entomology 2-2-3. A general study of the anatomy

and physiology; the broad ways in which they affect human welfare.

**Ent. 122** **Credit 3 hrs.**

Orchard and Garden Insects 2-2-3. Life histories, classification and control of insects injurious to orchards, gardens and ornamental plants.

**Ent. 123** **Credit 2 hrs.**

Field Crop Insects 1-2-2. Life histories and control of insects injurious to field and forage crops.

**Ent. 124** **Credit 3 hrs.**

Agriculture 2-2-3. A general study of the biology of the principles of bee keeping and the products of the honey bee and his place on the farm.

### AGRICULTURAL ENGINEERING

Courses in Agricultural Engineering and Farm Shop have as their objective the teaching of engineering principles as they relate to successful farm life; the maintenance of soil fertility and the control of soil water.

**Ag. Eng. 161** **Credit 2 Hrs.**

Farm Shop 0-4-2. A general course in forging, repair and maintenance of the farmstead.

**Ag. Eng. 162** **Credit 2 hrs.**

Farm Power 0-4-2. (Formerly 164). Tractors, gas, stationary engine maintenance and repair.

**Ag. Eng. 260** **Credit 2 hrs.**

Farmstead Engineering 0-4-2. (Domestic Engineering). Construction, design and location of farm buildings.

**Ag. Eng. 262** **Credit 2 hrs.**

Farm Machinery 1-2-2. Tillage, seeding and harvesting maintenance and repair.

**Ag. Eng. 261** **Credit 2 hrs.**

Domestic Engineering 0-4-2. Water, sewage, lighting, heating and refrigeration equipment for the farm home.

**Ag. Eng. 461** **Credit 2 hrs.**

Soil Conservation Engineering 0-4-2. This is a laboratory course to soil conservation. Field exercises in terracing, drainage and farm planting.

### AGRICULTURAL EDUCATION

The objectives of Agricultural Education are to train young men

to develop and exercise the functions of rural leadership in the business organization, improved farming practices and improvement of social and economic life of rural communities.

**Ag. Ed. 352** **Credit 2 hrs.**  
 Vocational Education 2-0-2. The aims of education and the problems and scope of agricultural education. Prerequisite, 26 hours of technical agriculture.

**Ag. Ed. 353** **Credit 2 hrs.**  
 Special Methods 0-4-2. 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** **Credit 2 hrs.**  
 Evening and Part Time School Organization 0-4-2. Procedure for Organization 0-4-2. Procedure for organizing and conducting and part-time classes. Open to Juniors and Seniors. Recitation and laboratory 4 hours.

**Ag. Ed. 451** **Credit 2 hrs.**  
 Course Organization 0-4-2. Organization of the course of study for vocational agriculture from the farm survey and other data. Prerequisites 352, 352 and 35 hours of technical agriculture. Recitation and laboratory, 4 hours.

**Ag. Ed. 453** **Credit 2 hrs.**  
 Supervised Farm Practice 2. Important types of problems and scope of supervised farm practices. Prerequisites 351 and 352. Recitation 3 hours, laboratory 1 hour.

**Ag. Ed. 454** **Credit 4 hrs.**  
 Practice Teaching 2-5-4. 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.

#### ANIMAL HUSBANDRY

**A. H. 131** **Credit 3 hrs.**  
 Breeds and Types 2-2-3. Types and breeds of swine. Breed selection for production and show.

**A. H. 132** **Credit 2 hrs.**  
 Farm Meats (formerly Ag. 338) 1-2-2. The slaughter and care of farm meats.

**A. H. 232** **Credit 2 hrs.**  
 Farm Dairying 1-2-2. The production and care of the dairy and dairy products.

- A. H. 233** **Credit 3 hrs.**  
Dairy Cattle 1-2-2. Types, breeds and selection of dairy cattle.
- A. H. 331** **Credit 3 hrs.**  
Animal Nutrition 3-0-3. The digestion and metabolism process in the animal body. Prerequisite, Sci. 322A.
- A. H. 337** **Credit 2 hrs.**  
Breeds and Types 1-2-2. Breeds and types of horses, mules and beef cattle. (formerly 132).
- A. H. 430** **Credit 2 hrs.**  
Beef Cattle Production 1-2-2. The care and management of beef cattle herd. Prerequisites, Ag. 331.
- A. H. 431** **Credit 3 hrs.**  
Advanced Livestock Judging 2-2-3. A study of breeds, types and show ring judging practices. Prerequisites, Ag. 131, 132, 233.
- A. H. 432** **Credit 2 hrs.**  
Sheep Production 1-2-3. Methods of growing and management of sheep. Prerequisite, Ag. 331.
- A. H. 434** **Credit 2 hrs.**  
Dairy Cattle Management 1-2-2. Management of the dairy herd. Prerequisite, Ag. 231, 233, 331.
- A. H. 436** **Credit 2 hrs.**  
Horse Production 1-2-2. Care and management of work and purebred horses. Prerequisite, Ag. 331.
- A. H. 437** **Credit 2 hrs.**  
Swine Production 1-2-2. 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. Recitation and laboratory 3 hours. Prerequisite, Ag. 331.
- A. H. 439** **Credit 2 hrs.**  
Animal Breeding 2-0-2. Lectures and recitation on heredity, variation and correlation as applied to livestock breeding.

#### AGRICULTURAL ECONOMICS

- Ag. Eco. 371** **Credit 2 hrs.**  
Farm Credit and Agricultural Adjustment 1-2-2. Study of the farm credit structure, organization and operation of the Federal Credit System. Study of the problem and function of Agricultural Adjustment. For Juniors and Seniors.

**Ag. Eco. 472****Credit 2 hrs.**

Marketing Farm Products 1-2-2. The structure of Agricultural marketing, shipping, selling and regulating agencies in the functions of marketing.

**Ag. Eco. 473****Credit 3 hrs.**

Farm Management 2-2-3. Economic factors involved in successful farm organization, cost accounting and farm records. The course of a study of principles and their operations on a few selected farms. Prerequisite, Senior standing.

**Ag. Eco. 474****Credit 2 hrs.**

Farm Records and Accounts (formerly Ag. 475) 1-2-2. Cost accounts in the operation of a farm business. The types of records to keep. Analysis of farm business by means of records. Inventory analysis and final statements. Prerequisite, Senior Standing.

**HORTICULTURAL DEPARTMENT**

The Horticultural courses and laboratories are planned to train students in the science and practice of horticulture, floriculture, forestry and landscape gardening to enable them to become efficient producers in the field of their chosen profession.

**Hort. 212****Credit 3 hrs.**

Vegetable Gardening 1-4-3. Home and commercial vegetable growing including hot bed and cold frame work.

**Hort. 211****Credit 3 hrs.**

Landscape Gardening 1-4-3. Designing, planning and planting home, church and school grounds.

**Hort. 312****Credit 33hrs.**

Nursery Practice 1-4-3. Plant propagation, grafts, buds, layers and seedage as it applies to ornamental and horticultural plants.

**Hort. 313****Credit 2 hrs.**

Garden Flowers 1-2-2. Storing, planting, cutting of annual, biennial and perennial garden flowers, also the establishment and care of lawns.

**Hort. 314****Credit 3 hrs.**

General Floriculture 2-2-3. The growing and production of flowers under glass and outdoor gardens.

**Hort. 315****Credit 3 hrs.**

Plant Physiology 2-2-3. The physiology of the plant as it relates to nutrition, growth and reproduction of agricultural plants.



**Hort. 318** **Credit 3 hrs.**  
Plant Pathology 2-2-3. The nature, cause and control measures for field and horticultural crops diseases in Oklahoma.

**Hort. 311** **Credit 3 hrs.**  
Fruit Growing 1-4-3. Home and commercial orcharding as it applies to Oklahoma.

**Hort. 413** **Credit 3 hrs.**  
Farm Forestry 2-2-3. Forestry maintenance and forestry farming as it applies to land use planning in Oklahoma.

### **POULTRY HUSBANDRY DEPARTMENT**

The courses and laboratories in poultry are designed to train young men and women to become skilled economic producers of poultry and poultry products sufficient to be successful in pursuit of their profession.

**P. H. 141** **Credit 3 hrs.**  
Farm Poultry 2-2-3. Required of all agricultural students. The general principles of caring for the farm poultry flock. An introductory course for all agricultural students and those expecting to major in poultry industry.

**P. H. 142** **Credit 2 hrs.**  
Poultry House Design and Construction 1-2-2. The principles of design, cost estimating, remodeling and installation of appliances in poultry houses and the housing of poultry.

**P. H. 243** **Credit 3 hrs.**  
Hatchery and Chick Management (formerly Ag. 336) 1-6-3. Principles of incubation and brooding. Embryology of the chick; hatchery operation and management. Inspection tours of commercial hatcheries and assembly plants.

**P. H. 242** **Credit 2 hrs.**  
Poultry Breeds and Types—Show organizations 1-2-2. The origin, history and classification of poultry breeds, types and varieties. Poultry shows. Prerequisite, P. H.

**P. H. 244** **Credit 3 hrs.**  
Poultry Feeding 1-4-3. Prerequisites P. H. 203 and Feeds and Feeding. Principles and practices in feeding poultry, poultry fattening and feeding for growth.

**P. H. 323** **Credit 2 hrs.**  
Poultry Breeding 2-0-2. The application of the sciences of genetics to poultry breeding. Prerequisites P. H. 203 and Genetics.

- P. H. 341** **Credit 2 hrs.**  
Poultry Flock Management 1-2-2. Prerequisites P. H. 203. The business of poultry farming, laying out and managing commercial farms. Visits to poultry farms in local areas.
- P. H. 413** **Credit 2 hrs.**  
Turkey, Duck and Geese Production 1-2-2. The breeding, hatching and growing of turkeys, ducks and geese for market.
- P. H. 418** **Credit 2 hrs.**  
Marketing Poultry products 1-2-2. Grading, packing, storing and marketing of poultry and poultry products. Prerequisite P. H. 203.
- P. H. 421** **Credit 2 hrs.**  
Poultry Problems 1-2-2. Prerequisites, all poultry courses offered. Current developments in the poultry field.
- P. H. 423** **Credit 3 hrs.**  
Poultry Judging 1-4-3. Prerequisite P. H. 203. Judging, fitting and showing poultry. Visits to poultry shows.
- P. H. 428** **Credit 2 hrs.**  
Advanced General Poultry 1-2-2. Practical surveys of the poultry industry by studies and tours of state poultry areas. All classes in poultry offered serve as prerequisites for this course.

### DIVISION OF ARTS AND SCIENCES

#### Faculty

- Moore, Leroy G.; M. A. ---- Director of Division of Arts and Sciences  
Professor of Chemistry
- Allen, M. C.; M. A. ----- Assistant Professor of Business Education
- Batchlor, C. D.; M. A. ----- Professor of English
- Bellegarde, A. D.; D. V. M. ----- Instructor of French  
and Head of Department
- Brown, E. J., B. A. ----- Instructor of Art
- Brown, T. G.; B. S., ----- Instructor of Commercial Education
- Cameron, Vivian K.; M. A. ----- Instructor of Sociology
- Carney, Mildred R.; B. S. ----- Instructor of Art
- Coots, Gladys T.; M. S. ----- Instructor of Music
- Davis, Constance R.; B. S. ----- Instructor of Physical Education
- Evans, Timothy O.; B. S. ----- Instructor of Physical Education
- Ford, Nick, A.; M. A. ----- Assistant Professor of English
- Forrest, J. H.; M. S. Professor and Head of Mathematics Department
- Gayles, C. Felton; B. S. Director of Athletics and Professor of Phy
- Gayles, C. Felton; B. S. ----- Director of Athletics and  
Professor of Physical Education

Gear, Alice J.; M. A.	-----	Instructor of English
Gordon, Elizabeth W.; M. A.	-----	Instructor of English
Hamilton, G. C.; M. S.	-----	Assistant Professor of Biology
*Hill, Mozell C.; M. A.	-----	Assistant Professor of Sociology
Jackson, B. L. C.; B. S.	-----	Instructor of Health Education
Jarrett, Gladys W.; M. A.	-----	Instructor of Spanish and English
*Jarrett, Hobart; M. A.	-----	Instructor of English
Jefferson, J. H.; M. S.	-----	Instructor of Chemistry
Lawson, James R.; Ph. D.	-----	Associate Professor of Physics
Lewis, Alonzo L.; B. S.	-----	Instructor of Music
McLaurin, J. C.; M. A.	-----	Instructor of History and Economics
Mells, H. Franklin; B. S.	-----	Professor of Music and Head of Department
Rouce, Helen A.; M. A.	-----	Instructor of Mathematics
Seabrook, J. J.; LL.M.	-----	Instructor of History
Simms, W. E.; B. S.	-----	Instructor of General Agriculture
Tatum, Elbert L.; M. A.	-----	Assistant Professor of Political Science
Tinner, John C.; M. S.	-----	Instructor of Mathematics
Walker, Alexander J.; Ph. D.	-----	Head of Department of Social Science and Associate Professor of Government
*Weaver, E. K.; M. S.	-----	Instructor of Biology
Wilkerson, Annie W.; M. A.	-----	Instructor of Biology
Wilson, R. A.; M. A.	-----	Assistant Professor of History
Wood, Pearl H.; M. Mus.	-----	Instructor of Music

\* Indicates on leave of absence..

### Objectives

The Division of Arts and Sciences offers work, in the foundation courses in the curriculum, which is designed to give students insight into certain broad areas of learning;

- (a) The physical and biological aspects of man's environment (the natural sciences, including mathematics, astronomy, physics, chemistry, biology, and geology).
- (b) The cultural heritage of man (the humanities, including languages, literature, the arts and religion). The emphasis, throughout being based upon understanding of human relationships.

Thus, the Division of Arts and Sciences seeks, through these broad areas of learning, to serve three distinctive purposes:

- (1) To provide basic training for students in the other divisions of the college.
- (2) To provide vocational training in the arts, mathematics, natural sciences and in the humanities.
- (3) To provide the cultural characteristics of educated men and women. These characteristics should include the following:

- (a) A knowledge and appreciation of the best in our environment.
- (c) An ability to adapt one's self to our system of life and the problems of group living.

It is important that the Division of Arts and Sciences should make its students cognizant of such problems and give some aid in their solution.

## DESCRIPTION OF COURSES

### Art

The Department of Fine Arts (drawing and paintings) 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.

Electives 12 hours, making 30 hours. ,

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

**Art. 101 Principles of Art** **Credit 2 hrs.**

**Art 101A Art Appreciation** **Credit 2 hrs.**

Principles of Art—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.**

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, Still Life, Flowers** **Credit 2 hrs.**
- Art 303 Water Color** **Credit 2 hrs.**  
Continuation of 301.
- Art 305 Composition (Pictorial)** **Credit 2 hrs.**  
Theory of picture making (Black and White) Prerequisite 101, 102, 201, 215.
- Art 309 Pottery, Handbuilt Tile, Base, Book Ends** **Credit 2 hrs.**  
Prerequisite 101,- 205.
- Art 310 Modeling and Sculpture** **Credit 2 hrs**  
Prerequisite 309.
- Art 311 Applied Art Application of Design to Metal** **Credit 2 hrs.**  
(Wool and other "decorative" materials).
- Art 313 Landscape Oil, Water Color, Pastel** **Credit 2 hrs.**  
Prerequisite 201, -301, -305.
- Art 405 History of Art**  
History of Art Cultural Background of Western Europe (Europe to the Renaissance) Open to college students.
- Art 407 History of Art** **Credit 2 hrs.**  
History of Art Since the Renaissance to American
- Art 409 History of American Art**  
A course of lectures on the history of Art with a background for American cultural development. Periods are devoted to research work in Library.
- Art 100 Art of Cosmetology (NYA)** **Credit 2 hrs.**  
The course includes a study of face, head, shape, color and the psychological effects of different types of hair dress, and facial (makeups) harmonious adjustment and the artistic appreciation.
- Art 105 Commercial Art** **Credit 2 hrs.**  
This course deals with the fundamental principles of the science of advertising, and includes the study of advertising media, copy, appeals, layouts, type illustrations, art, and psychology.

**BUSINESS ADMINISTRATION  
AND COMMERCIAL EDUCATION**

The aim of the Department of Commercial Education and Business Administration is to train teachers of Secretarial Science, to give basic training to bookkeepers and accountants. The Department of Business Administration also seeks to provide training in the fundamental principles and the purely scientific aspects of the problems treated.

A major in Business Administration requires thirty hours. The following courses are required: 221, 222, 351, 352, 311, 411, 314, 451, 452, 311, 326, 271.

A minor in Business Administration requires eighteen hours. The following courses are required: 211, 222, 352, 321, 326.

A major in Commercial Education requires fifty or forty-one hours (depending upon whether student has credit in High School Shorthand or Typing) 352, 451, 452, 311, 411, 313, 212, 201, 454, 213, 453.

A minor in Commercial Education requires twenty hours. The following courses are required: 101, 102, 111, 112, 352, 221, 222.

**B. A. 101 Elementary Typewriting** **Credit 2 hrs.**

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 hrs.**  
Continuation of 101.**B. A. 111 Elementary Shorthand** **Credit 2 hrs.**

This course includes a study of word building and general principles outlined 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 hrs.**  
Continuation of 111.**B. A. 201 Advanced Typewriting** **Credit 2 hrs.**

This is a course to develop personal skills. Work includes legal forms, letter writing, manuscript writing, stencil cutting and tabulation.

**B. A. 211 Advanced Typewriting** **Credit 2 hrs.**

These courses include a study of word building and general principles outlined in the Phrasing, Daily dictation, and reading

and transcription of notes. Emphasis is placed on accuracy and readiness in transcribing. (Required of those who are planning to do secretarial work.)

**\*B. A. 213 Civil Service Examination Review** **Credit 2 hrs.**

A course planned for those who wish to take Civil Service Examinations in the fields of Junior and Senior Typist, Stenographer and Secretary. Prerequisite or Corequisite: Advanced Shorthand and Advanced Typing.

**B. A. 351 Elementary Accounting** **Credit 3 hrs.**

A course designed to prepare the student with the necessary background to understand and interpret trial balances, financial statements, bookkeeping methods, etc. (Required of all students majoring in Business Administration.) An extra hour will be given each week for laboratory practice.

**B. A. 352 Elementary Accounting** **Credit 3 hrs.**

Continuation of 351.

**B. A. 301 Office Training** **Credit 1 hr.-**

This is a training course in office appliances commonly used in the modern office, such as adding machines, mimeographs, filing equipment, etc. Students will be required to do practical work in the offices of the various departments of the college. One hour each week will be devoted to discussion of the various problems in connection with practical work. (Required of those who are planning to do secretarial work).

**B. A. 311 Business Organization and Finance** **Credit 2 hrs.**

A study of the various types of business organizations and a general survey of the methods used in financing business, with special stress on corporations, their significance in modern economic life and corporation finance.

**B. A. 312 Investments** **Credit 2 hrs.**

An analysis of types of stock and bonds and of the issues of selected corporations. Prerequisite, 311.

**B. A. 314 Principles of Marketing** **Credit 3 hrs.**

A general study of the main principles of marketing. Prerequisite, B. A. 311.

**B. A. 411 Business Law** **Credit 3 hrs.**

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 hrs.**  
Continuation of 411.
- B. A. 421 Insurance** **Credit 3 hrs.**  
Exposition of the principles and practices of life and property insurance. Attention will be given to Negro insurance companies. Prerequisite, Soc. 326.
- B. A. 423 Salesmanship** **Credit 2 hrs.**  
The principles of salesmanship and practical instruction in their applications. The development of the faculty of quick constructive thinking; wholesale, retail and specialty salesmen selection of talking points about offerings; finding prospects and securing interviews; methods of intensifying desires; meeting the people and how to deal with them; cultivation of character and makeup of personality. (Elective).
- B. A. 425 Real Estate** **Credit 2 hrs.**  
Property rights; the leasing and management of property; a study of office organization, property valuation financing and taxation. Some consideration is given to the development and present condition of the real estate business among Negroes. (Elective.)
- B. A. 451 & 452 Advanced Accounting** **Credit 3 hrs.**  
Study of advanced accounting theory. Student 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. 453 Record Keeping for Small Retail Business** **Credit 2 hrs.**  
This course is a study in Practical Accounting. Special emphasis is placed on the forms and books necessary for a specific Retail Business, Installment Sales Records and records necessary to comply with the Social Security Laws.
- B. A. 494** **Credit 4 hrs.**  
**Methods and Observation in Commercial Subjects.**  
Methods of Teaching Typewriting, Shorthand and other commercial subjects in high school, combined with the observation of the teaching of these specific subjects.
- B. A. 405 Apprentice Teaching** **Credit 2 hrs.**  
Directed Teaching of Commercial Subjects in the University High School.

**N. Y. A. SPECIAL TWO YEAR COMMERCIAL COURSE****FIRST YEAR**

FIRST SEMESTER	Hrs.	SECOND SEMESTER	Hrs.
M. L. 101 English		M. L. 102 English	
Composition .....	3	Composition .....	3
B. A. 111 Shorthand, Elem. ...	2	B. A. 112 Elem Shorthand ...	2
B. A. 101 Typing, Elem. ....	2	B. A. 102 Elem. Typing .....	2
Bookkeeping (No Col. credit)		Art Commercial Art .....	2
P. E. 101 Phy. Educ. ....	1	P. E. 102 Phy. Educ. ....	1

**SECOND YEAR**

M. L. 201 Adv. Gram. ....	3	M. L. 204 Eng. Comp. ....	3
B. A. 212 Adv. Shorthand ...	2	B. A. 201 Adv. Typing .....	3
B. A. 351 Elem. Acct. ....	3	B. A. 352 Elem. Acct. ....	3
Commercial Arith. (No College Credit)		B. A. 401 Office Train .....	1
P. E. 201 Adv. Floorwork ...	1	P. E. 202 Adv. Floorwork ...	1

**BACHELOR OF SCIENCE IN COMMERCIAL EDUCATION  
FRESHMAN YEAR**

First Semester	Hrs.	Second Semester	Hrs.
M. L. 101 English Comp. ....	3	M. L. 102 English Comp. ....	3
Sci. Natural Sci. ....	3	Sci. Natural Sci. ....	3
Soc. Sci., Modern Europe ...	3	Soc. 102 Cont. emp. Europe ...	3
Math. 101 College Algebra ...	3	Math. 102 College Algebra ...	3
Sci. 157 Hygiene .....	2	Agri. 105 Gen. Agri. ....	2
P. E. 101 Phy. Educ. ....	1	P. E. 102 Phy. Educ. ....	1

**SOPHOMORE YEAR**

Ed. 102 Educ Psy. ....	3	M. L. 204 English Comp. ....	3
Soc. 221 Prin. Econ. ....	3	Soc. 222 Prin. Econ. ....	3
B. A. 101 Elem. Typing ...	2	B. A. 102 Elem. Typing ...	2
B. A. 111 Elem. Shorthand ...	2	B. A. 112 Elem. Shorthand ...	2
M. L. 201 Adv. Gram. ....	3	Educ. 222 Adol. Psy. ....	2
Soc. 203 Amer. Hist .....	3	Coc. 240 Amer Gov't. ....	3
P. E. 201 Adv. Floorwork ...	1	P. E. 202 Adv. Floorwork ...	1

**JUNIOR YEAR**

M. L. Foreign Language ...	3	M. L. Foreign Language ...	3
B. A. 212 Adv. Shorthand ...	2	B. A. 352 Elem. Acct. ....	3
B. A. 221 Bus. Math. ....	3	Educ. 311 Measurements ...	3
B. A. 351 Elem. Acct. ....	3	B. A. 201 Adv. Typing ...	2
Educ. 450 Prin. of Sec. Ed. ...	2	Educ. 314 Phil. of Educ. ...	4



**SENIOR YEAR**

B. A. 451 Adv. Acct. -----	3	B. A. 495 Appr. Teaching -----	2
B. A. 494 Methods & Obser. ---	4	B. A. 411 Bus. Law -----	3
B. A. 411 Buh. Organ. -----	3	B. A. 401 Office Train. -----	2
B. A. 413 Investments -----	2	B. A. 453 Recoard Kp.	
F. A. 101 Prin of Art. -----	2	Small Business -----	2
		B. A. 452 Adv. Acct. -----	3
		B. A. 414 Civil Ser. Review ---	2

**ENGLISH**

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 in understanding of the best there is in literature; and to prepare the student to pursue advanced study in the field.

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.

All students in the Division of Arts and Sciences, except those in Commerce, are required to take M. L. 101, 102, 223 and 224.

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

Students who desire to meet certificate requirements should see Certificate Regulations.

**M. L. 0 Grammar and Composition Credit 0**

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

**M. L. 101 English Composition Credit 3 hrs.**

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

- M. L. 102 English Composition** **Credit 3 hrs.**  
A continuation of 101. Prerequisite, 101.
- M. L. 201 English Grammar** **Credit 3 hrs.**  
A study of Advanced Grammar. Verb usage and sentence analysis are emphasized. Prerequisite, 101, 102.
- M. L. 203 Literary Types** **Credit 3 hrs.**  
A study of representative examples of essays, novels, short stories, dramas, and poetry (Classic and contemporary).  
Required of all elementary majors, Prerequisite, 101, 102.
- M. L. 204 English Composition** **Credit 3 hrs.**  
Instruction and practice in composition. Prerequisite, 101, 102.
- M. L. 212 Effective Speech Making** **Credit 3 hrs.**  
A study of the principles of effective delivery; voice, enunciation, pronunciation, force, posture, movement, gesture as well as rhetorical structure. Prerequisite, 101, 102.
- M. L. 223 English Literature** **Credit 3 hrs.**  
An outline study of English Literature from Beowulf to Dryden. Prerequisite, 101, 102.
- M. L. 224 English Literature** **Credit 3 hrs.**  
A continuation of 223. From Dryden to the end of the 19th century. Prerequisite, 223.
- M. L. 228 Children's Literature** **Credit 2 hrs.**  
Study of literature suitable for the elementary grades. Includes story telling, folk rhymes and stories, myths and nature stories. Prerequisite, 101, 102.
- M. L. 301 American Literature** **Credit 3 hrs.**  
A study of the chief American writers from Colonial times to 1860. Prerequisite, 223, 224.
- M. L. 302 American Literature** **Credit 3 hrs.**  
A continuation of 301. From 1860 to 1900 Prerequisite, 223 224.
- M. L. 303 Speech and Interpretation** **Credit 3 hrs.**  
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.

- M. L. 304 Acting and Play Production** **Credit 3 hrs.**  
Training in the art and principles of acting, rehearsal and directing technique. Laboratory problems play presentation, costuming, makeup. Prerequisite, Junior standing or special permission.
- M. L. 312 Argumentation and Debate** **Credit 3 hrs.**  
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.
- M. L. 317 News Writing** **Credit 2 hrs.**  
Fundamentals of publicity for workers in the fields of agriculture and home economics. Some attention given to the high school and newspaper. Prerequisite, 101, 102, and Junior standing.
- M. L. 403 Introduction to the English Drama** **Credit 3 hrs**  
A study of the origin and development of the English drama to the 19th Century. Shakespeare omitted. (Offered alternate years with Shakespeare). Prerequisite, 223, 224.
- M. L. 423 Romantic Movement** **Credit 3 hrs.**  
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.
- M. L. 425 Victorian Poetry** **Credit 3 hrs.**  
A study of the chief Victorian poets. Prerequisite, 223, 224.
- M. L. 428 The Negro in American Literature** **Credit 3 hrs.**  
A study of Negro Authors and their contribution to American literature. Prerequisite, Junior standing.
- M. L. 427 Shakespeare** **Credit 3 hrs.**  
The study of Shakespeare as poet and dramatist. Representative plays of each period are read. Prerequisite, 223, 224. (Not offered 1941-1942)
- M. L. 228 The English Novel** **Credit 3 hrs.**  
The origin and development of the English Novel. Representative novels from Richardson to the Brontes are read. Lectures, discussions, and reports. Prerequisite, 223, 224.

## FOREIGN LANGUAGES

### FRENCH

- M. L. 151 Beginner's French** **Credit 3 hrs.**  
Fundamentals of pronunciation sounds and sentence structure. Drills on French sounds as compared to English sounds.

- M. L. 152 Elementary French** **Credit 3 hrs.**  
Pronunciation and sounds. Reading in elementary text, "Le Petit Journal". Elementary grammar. Prerequisite, 151.
- M. L. 251 Intermediate French** **Credit 3 hrs.**  
Grammar, Syntax, Dictations, Compositions, Readings. Prerequisite 152.
- M. L. 252 Intermediate French** **Credit 3 hrs.**  
Grammar Review, Reading of some French masterpieces. Magazines. Prerequisite, 251.
- M. L. 351 Advanced French** **Credit 3 hrs.**  
Advanced Grammar. Advanced Compositions, Conversational French, Prerequisite, 252.
- M. L. 352 Advanced French** **Credit 3 hrs.**  
Rapid survey of French Literature from beginning to 19th century. Analysis of some masterpieces.

#### GERMAN

- M. L. 141 Beginning German** **Credit 3 hrs.**  
Principles of pronunciation, phonetics, sound drill, vocabulary drill and grammar fundamentals.
- M. L. 142 Beginning German** **Credit 3 hrs.**  
Elementary reading and translation. Beginning composition.
- M. L. 241** **Credit 3 hrs.**  
**2nd Year German Grammar and Composition**  
For students planning advanced work in oral and written German. Review grammar and pronunciation. Reading and translation of
- M. L. 242** **Credit 3 hrs.**  
**2nd Year German Grammar and Composition**  
Continuation of 241.

#### SPANISH

- M. L. 131 Elementary Spanish** **Credit 3 hrs.**  
Designed to give the foundation for both reading and speaking Spanish. Pronunciation practice, vocabulary drill, and grammar fundamentals.
- M. L. 132** **Credit 3 hrs.**  
**Elementary Spanish (Continuation of 131)**  
Elementary reading and translation. Beginning composition.



**M. L. 231****Credit 3 hrs.****Second Year Spanish and Elementary Spanish Composition**

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****Credit 3 hrs.****Second Year Spanish and Elementary Composition**

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

**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 Ed. 315. Electives to make out the required number of hours must meet the approval of director.

Students who wish a 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 during the first two years. 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, 305, and Ed. 315.

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

**Math. 100 Intermediate Algebra****Credit 3 hrs.**

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 hrs.**

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



**Math. 102 Arithmetic for Elementary Teachers Credit 2 hrs.**

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 hrs.**

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

**Math. 106 Plane Trigonometry Credit 3 hrs.**

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

**Math. 200 Agricultural Mathematics Credit 2 hrs.**

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 hrs.**

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 hrs.****Math. 221 Business Mathematics Credit 3 hrs.**

Interest, periodical payments, graphs, and statistics.

**Math. 230 The Fundamentals of Statistics Credit 3 hrs.**

A first course for students in other fields who need statistics in their work.

**Math. 305 Differential Calculus Credit 4 hrs.**

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 hrs.**

The anti-derivative, definite integral with applications to geometry, mechanics and physics. Prerequisite, 305.

**Math. 310 Algebra (Advanced) Credit 3 hrs.**

Theory of equations and determinants. Selected topics in algebra. Prerequisite, 305.

**Math. 315 Solid Analytical Geometry Credit 3 hrs.**

A study of the first and second degree equations in space of three dimensions. Prerequisite, 305.

**Ed. 315** **Credit 3 hrs.**

**Teaching of Mathematics in Secondary Schools**

See Education 315.

**Math. 401 Mathematical Statistics** **Credit 3 hrs.**

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 hrs.**

The study of geometric loci, indirect elements, similar and homothetic figures. The circumstances, medians, bisectors, and altitudes of triangles, etc. Open to Juniors and Seniors.

**Math. 413 Differential Equations** **Credit 3 hrs.**

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.

### MUSIC

The purpose of the Department of Music is to give training in the science and art of music and to so enlarge the scope of appreciation that music be recognized as a vital part of college and community life.

#### Solfeggio and Introductory Courses

**Music ITX Music Introduction** **Credit 0 hrs.**

A study of fundamentals and notation. A sub-Freshman course. Required of all music majors and minors and those majors in Elementary Education who wish to qualify for 2 (two) to 6 (six) hours of Public School Music.

Proposed music majors must make a grade not less than B in this course or will be advised to change their major. A student whose high school transcript carries a satisfactory grade in Music Introduction, or a student who passes a satisfactory examination in this course is eligible for Music 1S1.

**Music ISI Sight Singing** **Credit 2 hrs.**

A study of the fundamentals of music including the recognition and use of the seven clefs, notation, and the development of a major scale and sight-sing simple songs. Class meets four times a rhythmic feeling. Students are expected to voice all intervals in the week, two class hours, and two rehearsals at night. The sight-singing class comprises the Service Choir for campus services.

(Prerequisite 1TX)

**Music IS2 Sight Singing****Credit 2 hrs.**

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 rhythms. Students are expected to voice all intervals and sing music of moderate difficulty at sight.

(Prerequisite 1S1)

**MUSICOLOGY****Music 1A1 Music Appreciation****Credit 3 hrs.**

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

**Music 1A2 Music Appreciation****Credit 3 hrs.**

A discussion and recognition of the larger forms of music and the lives of the composers, with intensive analysis and study of the symphonies, sonatas, overtures, concertos, etc.

(Prerequisite 1A1)

**Music 1H1 Music History****Credit 2 hrs.**

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.

(Prerequisites 1A2 and 1S1 for non-music Majors)

**Music 1H2 Music History****Credit 2 hrs.**

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 forms of the first course.

(Prerequisite 1H1)

**Courses in Teaching Preparation****Music 1E1 Music 1E1 Music Methods****Credit 3 hrs.**

This course is designed to acquaint the student with (1) the objectives of the study of music in grade schools, (2) typical problems involved, and (3) materials and devices of certain value in the teaching of public school music.

(Prerequisite 1TX, 1S2, 1T1)

**Music 1E2 Music Methods****Credit 3 hrs.**

Continuation of first semester. A study of the teaching of music in the high school.

**Music 1C1 Conducting****Credit 2 hrs.**

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.

Prerequisite — Music majors only—Juniors and Seniors. Others consult office of the Department of Music.)

**Music 1C2 Conducting** **Credit 2 hrs.**

Continuation of first semester conducting with a more intensive study of additional scores and practical experience in conducting. A thorough study of band, orchestral, and choral organizations.

(Prerequisite 1C1)

**THEORY**

**Music 1T1 Harmony** **Credit 4 hrs.**

A study of chord combination and simple part-writing as a foundation for advanced work in the several styles of original composition. The study includes: intervals, scales, triads (major and minor), dominant 7th chord, and some embellishments.

**Music 1T2 Harmony** **Credit 4 hrs.**

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

(Prerequisite 1T1)

**Music 2T1 Advanced Harmony** **Credit 2 hrs.**

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 4 hrs.**

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 independents. Assignments written in the various species: 2, 3, 4 and 5 parts.

(Prerequisite 2T2)

**Music 3T1 Advanced Counterpoint** **Credit 4 hrs.**

Double counterpoint, imitations, sequences, canons. The inventions and fugues in 2, 3, and more parts. Canon by augmentation, etc.

(Prerequisite 2T2)

**Music 1F1 Music Form and Analysis** **Credit 2 hrs.**

A study of the structure and aesthetic content of music from the

single note through the various homophonic forms, to the compound forms. Analysis of the various part forms, as found in the works of the earlier masters.

(Prerequisite 2T1)

**Music 1F2 Music Form and Analysis** **Credit 2 hrs.**

Continuation of first semester Music Form and Analysis, covering completely the larger forms, from the variations to the sonata, and Sonata Allegro forms inclusively. These forms are studies with an analysis of their employment in sonatas, symphonies, concertos, etc.

(Prerequisite 1F1)

**Music 1I1 Instrumentation** **Credit 2 hrs.**

A study in the art of applying musical ideas to the capabilities of orchestral instruments.

(Prerequisite 1T2)

**Music 1I2 Instrumentation** **Credit 2 hrs.**

Continuation of first semester Instrumentation.

(Prerequisite 1T1)

**COURSES IN APPLIED MUSIC**

**Piano**

**Music 1P1 Piano** **Credit 0 hrs.**

Czerny—velocity studies, Heller-Thirty Selected Studies, Bach-Little Preludes and Fugues, Bach-Two part Inventions, Mozart-Easiest Sonatas and Mendelssohn-Song without words, Hanon's Virtuosos complete.

**Music 1P2 Piano** **Credit 0 hrs.**

Czerny—Studies, Volume III, Dramer Studies, Bach-Two or Three Part Inventions, Loeschhorn studies, Op. 136, Book II, Haydn-Sonatas (Easiest) and Hanon's Virtuoso complete.

(Prerequisite 1P1)

**Music 2P1 Piano** **Credit 2 hrs.**

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, C minor and Opus 14, Number 1, E Major. Other selected romantic and modern pieces.

(Prerequisite, Music 1P2)

**Music 2P2 Piano** **Credit 2 hrs.**

Continuation of first Semester piano.

(Prerequisite, Music 2P1)



**Music 3P1 Piano** **Credit 4 hrs.**

Clementi—Gradus od Parnassum, Bach-well Tempered Clavichord, Hanon's Virtuoso complete; Sonatas equivalent in grade of difficulty to the Beethoven Sonata Opus 2, Number 3, C Major; Mendelssohn's C Minor Concerto. Selected Romantic and Modern pieces of equivalent difficulty.

(Prerequisite, Music 2P2)

**Music 3P2 Piano** **Credit 4 hrs.**

Continuation of first Semester piano.

(Prerequisite, Music 3P1)

**Music 4P1 Piano** **Credit 4 hrs.**

Hanon's Virtuoso complete; Chopin-Etudes; Beethoven's later sonatas or others equivalent to the E flat Sonata, Opus 31; Bach-Well-Tempered Clavichord. Other classic, romantic and modern pieces of suitable grade of difficulty.

(Prerequisite, Music 3P2)

**Music 4P2 Piano** **Credit 4 hrs.**

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

A recital program of serious contest and difficulty, properly balanced with classic and modern selections is required by all music majors, using their major instrument.

**Voice****Music 1V1 Voice** **Credit 2 hrs.**

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 vocalise as may be found necessary. Simple Folk and English Songs.

(Prerequisite, Music 1S1)

**Music 1V2 Voice** **Credit 2 hrs.**

Continuation of first semester Voice.

(Prerequisite, Music 1V1)

**Music 2V1 Voice** **Credit 2 hrs.**

Studies in diatonic and chromatic scales, a singing legato, staccato, triplets, simple trill, and types of vocal embellishments. Songs requiring a more advanced technic, as the old classics of Handel, Mozart, Schubert, etc. Negro Folk and English Songs.

(Prerequisite, Music 1V2)

**Music 2V2 Voice** **Credit 2 hrs.**

Continuation of first semester voice.

(Prerequisite, Music 2V1)

**Music 3V1 Voice****Credit 4 hrs.**

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**

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

(Prerequisites, Music 3V1)

**Music 4V1 Voice**

A more intensified study of the materials of the preceding year.

(Prerequisite, Music 3V2)

**ORCHESTRAL DEPARTMENT**

Woodwinds: Single Reeds — Double Reeds

Brass.

Strings

Percussion

Majors and Minors offered from either class. Instruments, except Violin, Carrying Course Number 2 and 3, offer a credit of 2 semester hours.

Violin 1 and 2, carry no credit.

Course Numbers 4, and above offer a credit of 4 semester hours.

A preceding Course Number is always the prerequisite to the number that follows.

**ORCHESTRA, BAND, CHORUS**

Offered for credit, 1 hr. for each semester.

May be taken for credit for three years only as an elective, and carries no course number.

Chorus is required for Voice Majors, without credit.

Orchestra and Band are required for Instrumental Majors without credit.

In all instances students checking out instruments, shoral or Band Uniforms are held totally responsible in the Office of the Bursar for the original value of said property, should it be misplaced, or damaged in any way.

**DIVISION OF ARTS AND SCIENCES**

The following courses are approved for music majors in Division of Arts and Sciences:

**ORGANIZATION OF CURRICULUM**

**MAJORS**

<b>PIANO</b>		<b>VOICE</b>	
Piano	20 hrs.	Sightsinging	4 hrs.
Harmony	10 hrs.	Voice	16 hrs.
History (Music)	4 hrs.	History (Music)	4 hrs.
Sightsinging	2 hrs.	Piano	4 hrs.
Recital Piano	2 hrs.	Recital	2 hrs.
Counterpoint	4 hrs.	Harmony	8 hrs.
	<hr/>	Conducting	4 hrs.
	42 hrs.		<hr/>
			42 hrs.

**THEORY**

Harmony	10 hrs.	Sightsinging	4 hrs.
Counterpoint	8 hrs.	Instrumentation	4 hrs.
Form & Analysis	4 hrs.	Conducting	4 hrs.
Piano	4 hrs.		<hr/>
Music History	4 hrs.		42 hrs.

**ORCHESTRAL INSTRUMENTS**

1st Major Instrument	14 hrs.
Minor Instruments (3)	4 hrs each, total 12 hrs.
Instrumentation	4 hrs.
Harmony	8 hrs.
Conducting	4 hrs.
History of Music	4 hrs.

A program for Minors in Piano, Voice, Theory and Orchestral Instruments is given in the Division of Arts and Sciences. Consult the office of the Department of Music.

\* Note: These programs, for the above stated, do not propose to lead to State Qualifications for certification.

**ORGANIZATIONS**

University Ladies' Quartette	Service Choir
University Men's Quartette	A. Capella Choir
University Band	University Orchestra.

**COURSE NUMBER EXPLANATION AND REGULATIONS**

- 1T1 Means first year and first semester of Theory.
- 1T2 means first year and second semester of Theory.

2H1 means second year and first semester of History.

Violin 8 means 8th semester of Violin

Chorus 4 means 4th semester of Chorus.

### PROGRAMS

All Music Majors and persons enrolled in Music Appreciation are expected to attend all Music Programs, Concerts, Recitals, etc.

#### PUBLIC SCHOOL MUSIC — PIANO, VOICE & VIOLIN

##### Freshman Year

FIRST SEMESTER	Hrs.	Second Semester	Hrs.
Music 1T1 Theory	4	Music 1T2 Theory	4
Music 1S1 Sightsinging	2	Music 1V1 Voice	2
Music 1P1	0	Music 1P2 Piano	0
*Ag.105 Gen. Ag.	2	*Soc. 207 Oklahoma Hist.	2
M. L. 101 Engl. Comp.	3	M. L. 102 Gram. & Comp.	3
Music 1A1 Music App.	3	M. L. 102 Engl. Comp.	3
P. E. 101 Floorwork	1	(Elective)	
		P. E. 102 Floorwork	1

##### Sophomore Year

Music 2T1 Theory	2	Music 2T2 Theory	4
Music 2P1 Piano	2	Music 2P2 Piano	2
Soc. 202 American Hist.	4	Soc. 240 Amer. Gov.	3
M. L. 223 Eng. Lit.	3	M. L. 224 Eng. Lit.	3
Ed. 101 Gen. Pay.	3	Ed. 102 Ed. Psy.	3
P. E. 201 Adv. Floorwork	1	P. E. 202 Adv. Floorwork	1

##### Junior Year

Music 3P1 Piano	4	Music 3P2 Piano	4
Music 1H1 Music Hist.	2	Music 1H2 Music Hist.	2
Music (Elective)	2	Ed. 392 App Teach	2
M. L. 151 Foreign Language	3	M. L. 152 Foreign Lang.	3
Ed. 201 Gen. Methods	2	Ed. 222 Adol. Pay.	2
Math. 230 Statistics	3	Music Violin 3	2
Music Violin 2	0	Ed. 311 Measurements	2

##### Senior Year

Music 4P1 Piano	4	Music 4P2 Piano	4
Music 1V2 Voice	2	Music Senior Recital	2
Music Violin 4	4	Ed. 314 Phi of Ed.	4
Ed. App Teaching	2	Ed. 493 App. Teaching	2
M. L. 251 Foreign Lang.	3	M. L. 252 Foreign Lang.	3
Ed. 450 Prin. Sec. Ed.	2		

\* Note: If taken in High School, and acceptable to this College, Modern and Contemporary European Histories, Soc. 101 and 102, may be substituted.

**PUBLIC SCHOOL MUSIC — VOCAL****Freshman Year**

Music 1T1 Theory -----	4	Music 1T2 Theory -----	4
Music 1S1 Sightsinging ----	2	Music 1S2 Sightsinging ----	2
Music 1P1 Piano -----	0	Music 1P2 Piano -----	0
*Agri. 105 Gen. Ag. -----	2	*Soc. 207 Okla. Hist. -----	2
M. L. Engl. Comp. -----	3	M. L. 10 Engl. Comp. -----	3
Soc. 101 Modern Europe --	3	Soc. 102 Cont. Europe -----	3
P. E. 101 Floorwork -----	1	P. E. 102 Floorwork -----	1

**Sophomore Year**

Music 2T1 Theory -----	2	Music 1V1 Voice -----	2
Music 2P1 Piano -----	2	Music 2P2 Piano -----	2
Music Elective -----	2	Music Elective -----	2
Soc. 202 Amer. Hist. -----	4	Soc. 240. Amer. Gov. -----	3
M. L. 223 Engl. Lit. -----	3	M. L. 224 Engl. Lit. -----	3
Ed. 101 Gen. Psy. -----	3	Ed. 102 Ed. Psy. -----	3
P. E. 201 Adv. Floorwork --	1	P. E. 202 Adv. Floorwork --	1

**Junior Year**

Music 1V2 Voice -----	2	Music 2V1 Voice -----	2
Music 1H1 Music Hist. -----	2	Music 1H2 Music Hist. -----	2
Music Elective -----	3	Music Elective -----	3
M. L. 151 Foreign Lang. ----	3	M. L. 152 Foreign Lang. --	3
Ed. 201 Gen. Methods ----	2	Ed. 222 Adol. Psy. -----	2
Math. 230 Statistics -----	3	Ed. 311 Measurements ----	2
		Ed. 392 App. Teach. -----	2

**Senior Year**

Music 2V2 Voice -----	2	Music 3V1 Voice -----	4
Music 3P1 Piano -----	4	Music Senior Recital -----	2
M. L. 251 Foreign Lang. ----	3	M. L. 252 Foreign Lang. ----	3
Ed. 492 App. Teach. -----	2	Ed. 314. Phil. of Ed. ----	4
Ed. 450 Prin. Sec. Ed. ----	2	Ed. 493 App. Teach. ----	2

\*Note: If taken in High School, and is acceptable to the College, Music Appreciation 1A1 and 1A2 may be substituted.



**PUBLIC SCHOOL MUSIC — INSTRUMENTAL****Freshman Year**

Music 1T1 Theory	4	Music 1T2 Theory	4
Music 1S1 Sightsinging	2	1st Minor Instrument	0
Music 1P1 Piano	0	Music 1V1 Voice	2
Major Instrument	0	Music 1P2 Piano	0
M. L. 101 Engl. Comp.	3	M. L. 102 Engl. Comp.	3
*Agri. 105 Gen. Ag.	2	*Soc. 207 Okla. Hist.	2
Soc. 101 Mod. Europe	3	Major Instru.-1	0
P. E. 101 Floorwork	1	P. E. 102 Floorwork	1
		Soc. 102 Contemp. Eur.	3

**Sophomore Year**

Music 2P1 Piano	2	Music 2P2 Piano	2
Major Instru. 2	2	Major Instru. 3	2
M. L. 223 Engl. Lit.	3	M. L. 224 Engl. Lit.	3
Soc. 202 Amer. Hist.	4	Soc. 240 Amer Govt.	3
Ed. 101 Gen. Psy.	3	Ed. 102 Ed. Psy.	3
1st Minor Instru.	0	1st Minor Instrument	2
P. E. 201 Adv. Floorwork	1	P. E. 201 Adv. Floorwork	1

**Junior Year**

Major Instru. 4	4	Major Instru. 5	4
Music 1H1 Music History	2	Music 1H2 Music History	2
1st Minor Instru.	2	Ed. 392 App. Teach.	2
M. L. 151 Foreign Lang.	3	M. L. 152 Foreign Lang.	3
Ed. 201 Gen Methods	2	Ed. 222 Adal. Psy.	2
Math. 230 Statistics	3	Ed. 311 Measurements	2
2nd Minor Instru.	0	2nd Minor Instru. 1	0

**Senior Year**

2nd Minor Instru.	2	2nd Minor Instru. 3	2
Music 1I1 Instrumentation	2	Music 1I2 Instrumentation	2
Music Elective	3	Music Senior Recital	2
M. L. 251 Foreign Lang.	3	M. L. 252 Foreign Lang.	3
Ed. 492 App. Teaching	2	Ed. 493 App. Teach.	2
Ed. 450 Prin. Sec. Education	2	Ed. 324 Phil of Educ.	4
Elective	2		

\*Note: If taken in High School, and is acceptable to the College, Music Appreciation 1A1 and 1A2 may be substituted.

**DESCRIPTION OF NATURAL SCIENCES****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 is preferred if convenient.

**SSci. 151 General Biology** **Credit 4 hrs.**

An introductory course embracing the fundamental principles and methods of Biology as a liberal education, as 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.

**Sci. 152 General Biology (Continued)** **Credit 4 hrs.**

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.

**Sci. 157 Personal Hygiene** **Credit 2 hrs.**

Environment and heredity factors that influence personal health, infections and resistance, structure, functions, and elementary pathology of the organic systems of the human body.

**Sci. 251 General Botany** **Credit 4 hrs.**

An introduction to the study of plants, structure, activities, modification and their higher 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.

**Sci. 253 The Plant Kingdom** **Credit 3 hrs.**

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. Lectures two hours per week. Laboratory two hours per week. Prerequisite, Sci. 251, or its equivalent.

**Sci. 255 Comparative Vertebrate Anatomy** **Credit 5 hrs.**

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

**Sci. 256 Continuation of 255** **Credit 5 hrs.****Sci. 257 Community Hygiene** **Credit 2 hrs.**

Health problems of the community. Epidemic diseases and their control. Disease transmission and carriers. Community delinquency problems; tuberculosis, insanity, infantile and maternity morality, community health agencies.

**Sci. 351 Vertebrate Embryology** **Credit 3 hrs.**

This course brings out a comparative study of animal development, mainly of vertebrates, principles and processes, germ 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.

**Sci. 352 Animal Ecology** **Credit 3 hrs.**

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 consists of field trips and experimental study. Lectures, two hours per week; laboratory two hours per week. Prerequisite, Sci. 255-256.

**Sci. 353 Human Anatomy** **Credit 3 hrs.**

An analysis of the structure, function, and inter-dependence of the organs of the human body. Prerequisite, Sci. 151, 152.

**Sci. 354 General Entomology** **Credit 4 hrs.**

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 collections to be added to Sci. 151, 152. Two lectures and laboratory four hours.

**Sci. 355 General Parasitology** **Credit 4 hrs.**

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 animale in the investigation of problems.

**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.

**Sci. 101 Elementary General Chemistry** **Credit 3 hrs.**

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

**Sci. 102 Continuation of 101** **Credit 3 hrs.****Sci. 111 General Chemistry** **Credit 4 hrs.**

Three lectures and four hours laboratory work per week.

**Sci. 112 Continuation of 111****Sci. 211 Qualitative Analysis** **Credit 3 to 5 hrs.**

Two lectures and 8 hours of laboratory work per week.

**Sci. 212 Quantitative Analysis** **Credit 3 to 5 hrs.**

Two lectures and 8 hours laboratory work per week.

Prerequisite Sci. 211 or equivalent.

**Sci. 311 Organic Chemistry** **Credit 3 to 5 hrs.**

Three lectures and 4 hours laboratory work per week.

**Sci. 312 Continuation of 311** **Credit 3 to 5 hrs.****Sci. 311A Organic Chemistry & Analytical Methods** **Credit 4 hrs.**

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



**Sci. 322A Physiological Chemistry** **Credit 3 hrs.**  
Prerequisite 311A offered for agricultural and home economics students.

**Sci. 403 Food Chemistry** **Credit 3 to 5 hrs.**  
Two lectures and 8 hours laboratory work per week. The course includes an analysis of milk, butter, flour and other food products.

### PHYSICS

**Sci. 221 Mechanics, Heat and Sound** **Credit 3 hrs.**  
Lectures and laboratory on the general principles involved. Prerequisite, Math. 106.

**Sci. 222 Electricity, Magnetism and Light** **Credit 3 hrs.**  
Lectures and laboratory on the general principles involved. Prerequisite, Math. 106.

**Sci. 300 Elements of Radio Telepathy** **Credit 3 hrs.**  
Principles of receiving and transmitting sets. Regeneration, Oscillation and principles of television.

**Sci. 301 General Laboratory** **Credit 3 hrs.**  
Experimental physics designed to give the student an experimental technique. Prerequisite, Physics 221, 222.

**Sci. 320 Electrical Measurements** **Credit 3 hrs.**  
Principles of direct current measurements. Prerequisite, 222.

**Sci. 321 Alternating Current Measurements** **Credit 3 hrs.**  
A vectoral and mathematical analysis of current and voltage phase relation in A. C. circuits. Prerequisite, Physics 222.

**Sci. 322 Household Physics** **Credit 3 hrs.**  
For Home Economics students. Physics of the household.

**Sci. 400 Electrical Theory** **Credit 3 hrs.**  
A mathematical treatment of magnetism, electrostatics, condensers and coils. Prerequisite, Physics 222 and Calculus.

**Sci. 440 Modern Physics** **Credit 3 hrs.**  
Developments in recent physics. Photo-electricity, atomic structure, X-rays, cosmic rays and relativity. Prerequisite, Physics 321 and astronomy.

**Sci. 450 Heat Theory and Thermodynamics** **Credit 3 hrs.**  
Lectures and laboratory on high temperature measurements. Introduction of thermodynamics and statistical mechanics. Prerequisite, Physics 221 and Integral calculus.



**Sci. 450 Kinetic Theory of Gases** **Credit 3 hrs.**

Introduction of Boltzmann's theory; H constant. General gas laws. Prerequisite, Physics 221 and Calculus.

**Sci. 460 Light Theory** **Credit 3 hrs.**

Elementary optics, dispersion of light, polarized light; introduction to spectrum analysis. Prerequisite, Physics 222 and Calculus.

**Sci. 475 History of Physics** **Credit 3 hrs.**

Development of Physics since Galileo. Prerequisite, fourteen hours of college physics or consent of instructor.

**ASTRONOMY****Sci. 101 Introduction to Astronomy** **Credit 4 hrs.**

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

**GEOLOGY****Sci. 231 Introductory Geology** **Credit 4 hrs**

The general principles of the science of geology are considered, emphasizing the classification of rocks and minerals.

**SOCIAL SCIENCES**

The aim of the Social Science Department is to acquaint the students with sociological factors, economic institutions, historical events and political organizations and situations.

The work in history seeks to train students in the interpretation and the appreciation of historical data; and to assist in preparing students for teaching positions.

The work in sociology presents four groups of courses: those dealing with questions of social theory and origins including anthropology; those which seek to analyze and explain the social processes, attitudes, movements and interactions of modern population; courses which have to do with modern social problems and the study of programs and movements having in view the conscious improvement of society: courses in Social Administration aim to provide the pre-professional foundation for the field of social welfare.

The fundamental purpose of Political Science is to train college men and women for active and intelligent citizenship and Political leadership, by the application of scientific methods to the study of government and politics.

To acquaint students with man's adventure in government from primitive times to present day civilization.

The work in economics aims to provide vocational education for students planning to engage in commerce, industrial or financial

work, based upon the assumption that careful training in the fundamental principles underlying our economic system is essential to an adequate grasp of the purpose and procedure of business. They also serve as part of a general liberal art course, or for those who expect to teach economics.

### HISTORY

Major: 30 hours inclusive of credits earned in four basic subjects, two in European and two in American History.

Required to take 10 hours selected from one of the following subjects: Economics, Political Science or Sociology.

Requirements for minor in History: 18 semester hours inclusive of credits in the basic courses.

Courses 101, 102, 202, 203 are basic courses required of all students who major or minor in History.

### COURSES OFFERED

**Soc. 101 Modern European History 1500-1815. Credit 3 hrs.**

An introduction to European history in its political, social and cultural aspects from 1500-1815.

**Soc. 102 Credit 3 hrs.**

#### **Modern and Contemporary European History**

from 1815-1940. Development of European Nationalism, liberalism, and Imperialism; World War; Reconstruction.

**Soc. 202 American History 1492-1860 Credit 4 hrs.**

Survey of American history from Colonial days to 1860, emphasizing political, constitutional and economic phases, Prerequisite: Sophomore standing.

**Soc. 203 American History 1860 to present Credit 3 hrs.**

A period of national life and organization. Prerequisite Sophomore standing.

**Soc. 207 Oklahoma History Credit 2 hrs.**

A general course covering the history of Oklahoma from territorial days to the present.

**Soc. 300 History Medieval Europe Credit 3 hrs.**

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.

**Soc. 302 History of Latin America Credit 3 hrs.**

A survey of the particular historical growth of Portuguese and

Spanish America covering the period between the foundation years and the present. Prerequisite, course 202 or Junior standing.

**Soc. 303 The History of the Negro in America** Credit 3 hrs.

Study of the relations of the Negro to the varied problems which have developed since his advent in American life. Required of all majors.

**Soc. 304 History of England to 1688** Credit 3 hrs.

History of the British people to the close of the Seventeenth century (1688). Prerequisite 101 or consent of the instructor.

**Soc. 305 History of England from 1688 to present** Credit 3 hrs.

Modern History of the United Kingdom since 1688; Colonial and Imperial development. Prerequisite, 304 or 102.

**Soc. 306 Ancient Greece** Credit 3 hrs.

Study of social, political, economic, intellectual and religious life of the Greeks with a view of indicating the valuable contributions of Ancient Greece to later civilization of the West. Open to Juniors and Seniors.

**Soc. 307 History of Rome** Credit 3 hrs.

Study of beginning, development and expansion of the Roman people with emphasis on political government, legal and imperialistic aspects of the Roman people. Open to Juniors and Seniors.

**Soc. 308 Constitutional History of the U. S.** Credit 3 hrs.

A study of the origin and development of American constitutional principles and practices. Prerequisite, a general course in English History, American History of American Government.

**Soc. 309 Constitutional History of U. S.** Credit 3 hrs.

**Soc. 310 American Foreign Relations** Credit 3 hrs.

Deals with the relations of the new nation with the rest of the world growing out of commerce and western expansion, and the growth of the United States as a world power, the new interest in the Caribbean, Pacific, and far East, and relations to world war and peace. Prerequisite general course in History.

**Soc. 400 Recent History of the United States** Credit 3 hrs.

Study of the new social, economic, and political basis of American life since the Civil war with a view of supplying a background for an understanding of present day events in the United States for Juniors and Seniors.

**Soc. 401 The 16th Century Commercial Revolution** Credit 3 hrs.

Study of commercial and financial activities and organization

together with European organization of the overseas areas resulting largely from interest in markets and raw materials.

Prerequisite, Seniors with a major in history.

**Soc. 402 Recent Development in European History Credit 3 hrs.**

1914-1938. Study of the Reconstruction period after the world war and the destruction of the Treaty of Versailles together with the failure of the League of nations and growth of international anarchy. Prerequisite course 102 or advanced standing.

**Soc. 403 History of Civilization Credit 3 hrs.**

**Soc. 404 Recent History of the United States -- Credit 3 hrs.**

Study of the new social, economic, and political basis of American life since the Civil War with a view to supplying a background for an understanding of present day events in the United States. Advanced standing.

### SOCIOLOGY

Students majoring in this department are ordinarily required to take courses—271, 372, 377, and 470. The requirement for a major in this field is thirty hours. Three hours of political science and three hours of economics may be included in major. Majors are required to take ten hours from any one of the following subjects: Economics, History, Political Science, and Psychology.

Requirements for a minor in Sociology: Eighteen hours of Sociology. Three hours of political science and three hours of economics may be included.

**Soc. 271 Introduction to Sociology Credit 3 hrs.**

This course is designed to orient the student in Social Sciences and to give a working system of thought about society. Special emphasis on social interaction and its relations to personality and human behavior and the major social processes, including the different forms of social contact, isolation, competition, conflict, accommodation, and assimilation are analyzed. Prerequisite to all courses except 273.

**Soc. 272 Introduction to Sociology Credit 3 hrs.**

Continuation of Soc. 271.

**Soc. 273 Principles of Geography. Credit 2 hrs.**

Men's adaptation to both his geographical and social-cultural environments. Emphasis on the geographical or man's cultural development. Principal geographical features, geographical factors in settlement and migration and man made topography are analyzed.

**Soc. 274 Juvenile Delinquency Credit 3 hrs.**

A general survey of causes of delinquency, including physical



and mental traits, social background, and truancy. Correctional care. Preventive program and the results of treatment. Prerequisite. Soc. 271.

**Soc. 275 Penology** **Credit 3 hrs.**

Recent tendencies in the treatment of crime and criminals. Prerequisite, Soc. 271.

**Soc. 371 The Family** **Credit 3 hrs.**

The family as a social institution, its origin, nature, development, and trends.

**Soc. 372 Rural Sociology** **Credit 3 hrs.**

A study of social organization and processes involved in open country and village community life. Rural-urban conflict and accommodation situations, social change as affecting the culture, organization and status of rural groups.

**Soc. 373 Social Pathology** **Credit 3 hrs.**

Designed to give a method and a point of view for approaching the problem of disorganization and break down of control in society and its members.

**Soc. 375 Criminology** **Credit 3 hrs.**

General survey of prevailing theories of crime, nature of the criminal, and aims of punishment as reflected in penal law.

**Soc. 376 The Field of Social Work** **Credit 3 hrs.**

This course aims at a detailed descriptive analysis of the various fields of social work, with special emphasis on the case work, group work, and community organization approaches. The evolution of objectives and techniques of the various social agencies, public and private during the past half century will be discussed.

**Soc. 377 Cultural Anthropology** **Credit 3 hrs.**

This course aims to cover the significant aspects of cultural development, including the phenomena of cultural changes and diffusion. Special studies of contemporary preliterate people, magic and religion, factors in the transition from tribal to civil society.

**Soc. 378 Social Case Work** **Credit 3 hrs.**

An introduction to the theory and technique of social case work, with emphasis upon principles common to various case work activities. This course is designed to be of service for teaching, ministry, and personnel management as well as professional social work students. Visits to agencies and field work supplement lectures and dis-



**Soc. 407 Race Problems** **Credit 2 hrs.**

Social interactional situation and processes involved in racial contacts; special emphasis on Negro-White relations in the United States.

**Soc. 473 Development of Social Work** **Credit 3 hrs.**

Early beginnings of Social work, evolution of objectives, technique and agencies during the past half centuries. Possibilities of social work approach to problem of persons and social adjustments; major types of social work and their organization.

**Soc. 474 Urban Sociology** **Credit 3 hrs.**

Nature, extent, and causes of urbanization, structure and ecology of cities. Urban social types and institutions.

**Soc. 476 Advanced Sociology** **Credit 3 hrs.**

A critical analysis of sociological principles including a comparative estimate of the frames of reference employed in outstanding systematic work, and the application of theoretical concepts to problems of research and social guidance. Prerequisite, 15 hours of social science including sociology 271.

**POLITICAL SCIENCE**

Major: 30 hours.

Three hours of economics and three hours of sociology may be included in major. Also three hours of constitutional history may be included.

Required to take 10 hours. Selected from one of the following subjects: Economics, History or Sociology.

Requirements for minor in political science: 18 hours

**Soc. 240 Introduction to American Government** **Credit 3 hrs.**

This course is an introductory one dealing with the foundation of the American Government as outlined in the Federal Constitution. Historical development and organization of national state and local governments. Emphasis upon relation of citizen to the government and upon duties and obligations of citizens.

**Soc. 241** **Credit 3 hrs.****(continued) Introduction to American Government**

Functions of national, state, and local governments; foreign relations and national defense; taxation and finance; law enforcement; police power; regulation of commerce, communications and business, promotion of social and economic welfare.

**Soc. 242 State Government** **Credit 3 hrs.**

A study of the place and powers of the state in the United States,

their organization and administration with special emphasis upon the government of Oklahoma.

**Soc. 243 American Constitutional Government**      **Credit 2 hrs.**

American Government as based upon the constitutions of the United States and Oklahoma, wherein the principles of republican government will be emphasized.

**Soc. 244 American Political Ideas**      **Credit 2 hrs.**

Intensive Study of Political ideas of representative American thinkers, such as Roger Williams, William Penn, Alexander Hamilton, and Thomas Jefferson.

**Soc. 245 (Continued) American Political Ideas**      **Credit 2 hrs.**

John Adams, James Madison, John C. Calhoun, Daniel Webster, Abraham Lincoln, Theodore Roosevelt, Woodrow Wilson and Herdberth Hoover.

**Soc. 246 Political Parties**      **Credit 2 hrs.**

Study of the nature of political parties and the part they played in in American Government. Parties, principles, policies and political contemporary issues are examined. Prerequisite Sophomore standing.

**Soc. 247 Political Parties**      **Credit 2 hrs.**

Attention is given to party organization, nominating methods, boss rule, campaign methods and corrupt practices. Prerequisite Sophomore standing.

**Soc. 248 Oriental Politics and Civilization**      **Credit 2 hrs.**

A survey of the government of the Chinese Republic, the Japanese Empire, India and other countries of the Pacific area.

**Soc. 249 Imperialism and the Near East**      **Credit 2 hrs.**

Consideration is given to Imperialism, Nationalism and Internationalism. Followed by a study of contemporary political problems of Egypt, Palestine, Syria, Turkey, Arabia, Persia and the Balkans. Prerequisite Sophomore standing.

**Soc. 340 American Constitutional Law**      **Credit 3 hrs.**

A study of the process of Judicial review in the Supreme Court of the United States. An introduction to the study of the law of the federal constitution as it has been developed in the decisions of the Supreme Court. Opened to Juniors and Seniors who have completed Soc. 240 and 241.

**Soc. 341 American Constitutional Law**      **Credit 3 hrs.**

A continued study of leading cases in constitutional law.

**Soc. 342 International Organization****Credit 3 hrs.**

A study of foreign offices and agencies of international co-operation and administration, including international public union, the Hague Conferences, Pacific settlement of international disputes, arbitration, disarmament, the mandates system, the league of nations, the international labor office and the permanent court of International Justice. Open to Juniors and Seniors who have completed course 240.

**Soc. 343 International Relations****Credit 3 hrs.**

Rise of national state system, forces affecting foreign policies, nationalism, economic interest, desire for security; sources of conflict and suggested solutions; growth of international cooperation. Prerequisite Junior standing.

**Soc. 440 Municipal Government****Credit 3 hrs.**

General study of municipal government and municipal problems in the United States including some comparisons with European experience. Prerequisite. Juniors who have completed Soc. 240 and 241.

**Soc. 441 Municipal Administration****Credit 3 hrs.**

Study of principles and methods of municipal administration in the United States. Prerequisite. Junior standing. Those who have completed Soc. 240 and 241.

**Soc. 442 International Law****Credit 3 hrs.**

A study of the fundamental principles of international law by case method. For Juniors and Seniors.

**Soc. 446 Modern Government****Credit 3 hrs.**

A comparative study of the Governments and politics of Great Britain, France, Germany, Italy, Russia, Japan, and Switzerland.

**Soc. 447 Modern Governments****Credit 3 hrs.**

Continuation of Soc. 446.

**ECONOMICS**

Minor: 18 hours.

**Soc. 221 Principles of Economics****Credit 3 hrs.**

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.

**Soc. 222 Principles of Economics****Credit 3 hrs.**

Continuation of Soc. 221.

- Soc. 321 Labor Problems** **Credit 3 hrs.**  
 A study of the policies and methods of trade unionism and the movement toward industrial democracy.
- Soc. 323 History of Economic Thought** **Credit 3 hrs.**  
 A study of economic practices and political policies and their supporting theories.
- Soc. 324 History of Economic Thought** **Credit 3 hrs.**  
 Continuation of Soc. 323.
- Soc. 325 Economic History of the United States** **Credit 3 hrs.**  
 This course deals with the politico-industrial development of the United States with special attention given to the relation between law and the American economy.
- Soc. 326 Money and Banking** **Credit 3 hrs.**

**PHYSICAL EDUCATION**

Courses 101, 102, 201, and 202 are required of all students

- P. E. 101 Freshman Floorwork** **Credit 1 hr.**
- P. E. 102 Advanced Freshman Floorwork** **Credit 1 hr.**  
 Continuation of 101.
- P. E. Sophomore Floorwork** **Credit 1 hr.**
- P. E. 202 Advanced Sophomore Floorwork** **Credit 1 hr.**  
 Continuation of 201.

**DIVISION OF EDUCATION**

**Faculty**

- Jackson, R. E., Ph.D. ----- Acting Director of Division of Education
- \*Bowen, H. A., M. A. ----- Instructor of Education
- Grissom, T. W., M. S., ----- Instructor of Education
- Irving, J. Lee, M. A., M. Ed. ----- Instructor of Education
- \*Rowland, Ida M., M. A., ----- Instructor of Education
- Weaver, E. R. W., M. A., ----- Instructor of Education

**DESCRIPTION OF COURSES**

The courses in this division deal with professionalized subject matter, teaching and supervision, the curriculum, and are planning to meet the demands of the teachers in the elementary and secondary schools.

The required and other recommended courses for majors who are pursuing the Bachelor of Science degree in Elementary and Second-



ary Education and a life certificate are set forth in the curricula below.

### TRAINING SCHOOL

The Training School Curriculum consists of the prescribed elementary subjects such as typing, home and fine arts.

The school is under the supervision of the department of Education. It serves as a laboratory wherein the best methods of teaching and management are demonstrated.

The director and the supervising teachers of the Training School are responsible for coordinating all Training School activities in such a way as to insure the maximum of benefit for pupils and student teachers.

Children are encouraged to enroll according to their educational age.

**Ed. 101 General Psychology** **Credit 3 hrs.**

This is a basic course in psychology and is designed to give a clear understanding of mental life

**Ed. 102 Educational Psychology** **Crsdit 3 hrs.**

In this course the laws of the Psychology of learning are applied to the physical, mental, moral and social development of the self. Prerequisite, Ed. 101.

**Ed. 122 Problems of the Rural School.** **Credit 2 hrs.**

A course designed for the teacher in rural districts. It acquaints the student with the problems and trends of thought in rural education.

**Ed. 201 Gen. Methods & Mgt. & Okla. School Law** **Credit 2 hrs.**

This course will study general methods and management and Oklahoma School Law on the various school levels. Prerequisite, Ed. 101, 102.

**Ed. 202 Specific Methods of Teaching Elem. Sub.** **Credit 2 hrs.**

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

**Ed. 222 Adolescent Psychology** **Credit 2 hrs.**

This course studies the problems of behavior and adjustment of the adolescent. Prerequisite, Ed. 101, 102.

**Ed. 303 Nature Study and Science** **Credit 2 hrs.**

This course in Nature Study and Science and Elementary Science stresses the latest approach to the subject as an integrated subject.



**Ed. 305 Methods in Reading and English** **Credit 2 hrs.**

A course dealing with methods and materials best adapted to instruction in elementary Reading and English. Prerequisite, Ed. 201, 202.

**Ed. 306 Methods in Elementary Social Science** **Credit 2 hrs.**

This is a course in the methods of teaching an integrated course in the social sciences on the lower and intermediate school levels. Prerequisite, Ed. 201, 202.

**Ed. 307 Methods in Arithmetic** **Credit 2 hrs.**

This course teaches the latest methods of instruction in Arithmetic. Prerequisite, Ed. 201, 202.

**Ed. 308 Psychology of Childhood** **Credit 2 hrs**

A course dealing with the growth of the child from the points of its physical, mental, moral and social nature. Prerequisite, Ed. 102.

**Ed. 310 Educational Sociology** **Credit 2 hrs.**

Social principles used in teaching. An attempt to understand first, such groups as the family, gang, community, church, lodge, and nation; and second, to apply that understanding to such problems as educational objectives, the curriculum, guidance, methods, discipline and moral education.

**Ed. 311 Educational Measurements** **Credit 2 hrs.**

A course which deals with the techniques of measurements, analysis and adjustment of the child. Prerequisite, Math. 230, Ed. 102.

**Ed. 314 Philosophy of Education** **Credit 4 hrs.**

This course outlines and studies the ideas implied in a democratic society and their application. Prerequisite, 10 hours of Education.

**Ed. 326** **Credit 3 hrs.****Course for Teachers, Supervisors and Jeannes Teachers**

In this course Jeannes' school methods and supervision will be stressed. This will count as credit for course 405 or 406. Prerequisite, Ed. 201, 202. Given summers only.

**Ed. 392 Apprentice Teaching, Secondary Schools** **Credit 2 hrs.****Ed. 396 Methods in Adult Education** **Credit 2 hrs.**

Procedure. This course offers an opportunity to study the latest procedures of instruction on the secondary level. Prerequisite, Ed. 222.

**Ed. 405 Apprentice Teaching in Elem. Schools** **Credit 2-6 hrs**

For students who are seeking an elementary certificate. In this

course students will do directed observation and practice teaching under the supervision of the Director of the Training School. Prerequisites, Ed. 201, 202.

**Ed. 406**

**Credit 6 hrs.**

**Directed Teaching in the Elementary Field**

(For Elementary majors who possess a satisfactory scholarship only.) Observation and practice teaching will be done under the direct supervision of a critic teacher. Students will be required to do a minimum of nine weeks of observation and teaching in an off-campus school and at least nine weeks in the Training school. Prerequisites, Ed. 201, 202, 306, 307, 305.

**Ed. 411 Curriculum**

**Credit 4 hrs.**

In this course, the philosophy and composition of the curriculum at various levels, from the elementary school to the college will be traced.

**Ed. 423 School Administration**

**Credit 2 hrs.**

In this course the facts and principles of school administration and supervision of the various levels will be studied.

**Ed. 424 History of Education**

**Credit 4 hrs.**

This course is a rapid survey of the whole evolution of Education in philosophy, organization, and procedure. Prerequisite, 10 hours of Education.

**Ed. 431 Psychology of the Unadjusted School Child** **Credit 2 hrs.**

The aim of this subject is to teach the prospective teachers the science and art of mental hygiene, behavior, and personality integration as applied to the child and youth. Taken by permission only.

**Ed. 450 Principles of Secondary Education**

**Credit 2 hrs.**

This is an orientation course in the basic philosophy and art of the Secondary School.

**Ed. 492 Apprentice Teaching in Secondary Schools** **Credit 2 hrs.**

Students in this course will supervise observation in the University High School class. Prerequisite, Ed. 392.

**Ed. 493 Apprentice Teaching in Secondary School** **Credit 2 hrs.**

In the course students will do directed teaching in the University Secondary School. Prerequisite, Ed. 392, 492.

**Ed. 495**

**Credit 2 hrs.**

**Practical Problems of the Principal and Teacher**

**Ed. 496 Lectures and Discussions**

**Credit 1 hr.**

**BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION****Freshman Year**

M. L. 101 Composition	3	M. L. 102 Composition	3
Soc. 101 Mod. Eu. History	3	Soc. 102 Cont. Europe	3
Sci. 151 Biology	4	Sci. 151 Biology	4
Art. 101 Prin. of Art.	2	Sci. 157 Hygiene	2
F. A. 101 Sight Singing	2	Math. 102 Arithmetic	2
P. E. 101 Floor Work	1	P. E. 102 Floor Work	1

**Sophomore Year**

M. L. 203 Types of Lit.	3	M. L. 204 Eng. Comp.	3
Soc. 202 American Hist.	3	Soc. 240 American Gov't	3
Ed. 101 Gen. Psy.	3	Ed. 102 Ed. Psy.	3
Soc. 271 Introd. to Soc.	3	Soc. 372 Rural Soc.	3
F. A. Music	2	Electives	4
P. E. 201 Adv. Floor Work I	1	P. E. 202 Adv. Floor Work	1

**Junior Year**

Math. 230 Statistics	3	Ed. 311 Measurements	2
Ed. 201 Gen. Methods	2	M. L. 426 Negro Lit.	3
M. L. 228 Children's Lit.	2	Ed. Phil. of Ed.	4
Soc. 304 Negro History	3	Ed. 202 Spec. Methods	2
Electives	6	Electives	5

**Senior Year**

Ed. 305 Methods in Reading and English	3	Ed. 406 Prac. Teaching	6
Ed. 306 Methods in Soc. Sci.	2	Ed. 308 Child Psy.	2
Ed. 307 Methods in Arith	2	Ed. Sociology	2
Ed. 303 Nature Study	2	Ed. 122 Problems of the Rural School	2
Electives	7	Electives	4

**DIVISION OF HOME ECONOMICS****Faculty**

Washington, S. G., M. A.	Director of Division of Home Economics
Ellis, Roberta, B. S.	Instructor of Home Economics (Nursery School)
Gandy, L. E., B. S.	Assistant Professor Voc. Home Economics
Richards, Inez	Instructor of Home Economics

### Introductory

The curriculum in home economics is designed to meet the needs of three classes of students: those who desire to teach the subject, those who desire a general knowledge of the subject, as a part of their liberal education, and those who wish to choose it as a background training required for various professional fields. It is especially valuable to those whose interest, at the present or in the future, is in the administration of a home.

The idea, that real learning is more than fact acquisition and that the student gains most from her education through self activity in the study of her own problems as related to family and community life, has been the basis of the curriculum in the Division. It also attempts to meet the larger personal and social needs of students.

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.

### DEPARTMENTS OF INSTRUCTION

#### Clothing and Textiles

**H. E. 101 Art. Color and Design** **Credit 2 hrs.**

A course planned to teach the principles of good design as applied to the home and to guide the student in understanding the fundamentals of good taste. The laboratory hour is devoted to the development of creative expression applicable to the home. The use of color, line and forms in the construction of practical needlecraft and handicraft articles and objects service as a medium. Four periods per week.

**H. E. 105 Textiles** **Credit 2 hrs.**

Study of the fundamental material in the field of textiles, from raw material through construction, identification, analysis, choice, use and care of fabrics. The art of buying textiles is stressed, offering a solution to many consumer problems. Two hours per week.

**H. E. 104 Costume Design** **Credit 2 hrs.**

Practical application of Principles of Costume Design. Emphasis on individuality in costume through appropriate use of line, proportion, color and texture. Two hours per week. Prerequisite H. E. 101, H. E. 108.

**H. E. 108 Clothing Construction** **Credit 2 hrs.**

Fundamental construction processes applied to simple garments. Emphasis on Clothing Economics. Four hours per week.

**H. E. 302 Children's Clothing** **Credit 2 hrs.**

A study of the problems involved in the selection, planning,



and making of children's clothing. Emphasis is placed on relation of the design to self help. Four hours per week.

**H. E. 401 Costume Tailoring** **Credit 3 hrs.**

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

**H. E. 402 Advanced Dressmaking** **Credit 3 hrs.**

The application of commercial and self designed patterns to sheer and delicate materials. Emphasis upon the developmnet of the technique of alteration and fitting. Prerequisite, H. E. 108, H. E. 102.

### FOOD AND NUTRITION

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

Emphasis is placed upon the selection and preparation of the various foods used in our dietary. Reference is made to the quantity and variety of foods available to consumers. Lecture 1 hour, Laboratory 4 hours.

**H. E. 232 Advancd Foods** **Credit 4 hrs.**

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

**H. E. 403 Fine Cookery** **Credit 2 hrs.**

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 hrs.**

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

**H. E. 331 Nutrition** **Credit 3 hrs.**

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 individuals dietary needs with special regard to the relation of such knowledge to health. Four periods per week. Prerequisite, Sci. 101-102, H. E., 231, 237.

**H. E. 405 Child Nutrition** **Credit 2 hrs.**

A study of child requirements and the preparation of the noon meal for pre-school children; causes, effects, and prevention of malnutrition; and case studies. Prerequisites, H. E. 231, 232, 233.



**H. E. 353 Health of the Family** **Credit 2 hrs.**

Elementary methods of preventing diseases and caring for the sick in the home. Two periods per week.

**HOME MANAGEMENT AND FAMILY LIFE****H. E. 351** **Credit 4 hrs.**

H. E. 351 House Care and Equipment and Physics Credit 4 hours.

Stresses the points of selection and methods of operation and care of household equipment. The construction of many types of equipment is based on fundamental scientific laws and these laws must be understood if the operator is to use the appliance with greatest efficiency. Two periods per week.

**HOME ECONOMICS EDUCATION****H. E. 100 Orientation** **Credit 2 hrs.**

Study of personal problems of freshman women; emphasis on personality development. This course includes a study of the scope of home economics. Two hours per week.

**H. E. 371 Methods in Teaching Home Economics** **Credit 2 hrs.**

Designed to help the prospective teacher or the young teacher in service to see the problems which she will, in all probability, have to face in becoming adjusted to her job under present day conditions. This course points out these problems and suggests methods of attacking and solving it. Three periods per week. Prerequisite, Ed. 201.

**H. E. 490 Adult Housemaking** **Credit 2 hrs.**  
(a-b)

Presents to the student a bird's eye view of the subject matter she will be responsible for during her practice teaching. Through this course the student is given an opportunity of gaining an insight into the technique of teaching and the mechanics of classroom management. Hours to be arranged. Prerequisite, Ed. 201, H. E. 371.

**H. E. 490 Tdult Homemaking** **Credit 2 hrs.**

Intended for teachers interested in developing class for adults; promotion of such classes; methods used; preparation of teaching plans.

**BACHELOR OF SCIENCE IN HOME ECONOMICS****Freshman Year**

M. L. 101 Engl. Comp. .... 3	M. L. 102 Engl. Comp. .... 3
Sci. 101 Gen. Chem. .... 3	Sci. 102 Gen. Chem. .... 3
H. E. 100 Orientation ..... 2	H. E. 102 Art, Color & Design 2
Art. 101 Prin. of Art ..... 2	H. E. 108 Clothing ..... 3
H. E. 105 Textiles ..... 2	Ed. 102 Ed. Psy. .... 3
Soc. 202 American Hist. ... 4	Ag. 105 Gen. Ag. .... 2
P. E. 101 Floorwork ..... 1	P. E. 102 Floorwork ..... 1

**Sophomore Year**

M. L. 201 Adv. Gram. .... 3	M. L. 212 Public Speaking -- 3
Sci. 311 Organic Chem. ... 3	Soc. 240 American Gov't. ... 3
H. E. 231 Foods ..... 4	H. E. 232 Foods ..... 4
Ed. 201 Gen. Methods ..... 2	H. E. 104 Costume Design ... 2
H. E. 233 Household Ec. .... 2	Ed. 222 Adol. Psy. .... 2
H. E. 353 Health of Family _ 2	Soc. 207 Okla. Hist. .... 2
P. E. 201 Adv. Floorwork -- 1	P. E. 202 Adv. Floorwork -- 1

**Junior Year**

H. E. 354 House Plan & Fur. 3	H. E. 331 Nutrition ..... 3
H. E. 352 House Care & Equip	Soc. 372 Rural Soc. .... 3
and Physics ..... 4	Ed. 311 Ed. Measurements _ 2
Ed. 314 Phil. of Ed. .... 4	H. E. 302 Children's Clothing 2
Sci. 450 Bacteriology ..... 3	Ed. 450 Prin. of Sec. Ed. .... 2
Soc. 303 Negro History ..... 3	Electives ..... 4

**Senior Year**

H. E. 483 Child Care & Train 3	H. E. 474a-b Obs. App. Tch. ... 6
H. E. 371 Methods ..... 2	H. E. 482 Home Mgr. & Res. 5
H. E. 401 Costume Tailoring 3	Electives ..... 4
H. E. 481 Family Relationship 2	
Electives ..... 6	

**Senior Options**

H. E. 402 Adv. Dressmaking 4	H. E. 490 Adult Homemaking 2
H. E. 403 Fine Cookery ..... 2	H. E. 406 Prob. in Pre-school
H. E. 404 Newer Aspects of	Education ..... C-
Foods and Cookery ..... 2	H. E. 407 Obs. in Nur. School 2
H. E. 405 Child Nutrition -- 2	H. E. 486 Child Study and
H. E. 485 Nur. School Part _ 3	Parent Ed. .... 3

**DIVISION OF INDUSTRIAL ARTS****FACULTY**

Miller, E. A., M. S.,	Director of Division of Industrial Arts
Arterberry, A. C., B. S.	Instructor of Laundry Science
Code, S. G.,	Instructor of Tailoring
Dillon, N. B., B. S.,	Vocational Education
Ellison, Georgiana	Cosmetology
Robert, A. C., B. S.,	Instructor of Applied Electricity
Isaac, Otis	Instructor of Shoe Making
Mack, C. C.	Instructor in Printing
Short, R. R., B. S.,	Instructor of Auto Mechanics

**DESCRIPTION OF COURSES**

The Trades and Industrial Division has a three-fold purpose to perform at Langston and for this reason you will find listed Courses 1, 2, and 3. Course 1, to satisfy the needs of the prospective teacher of Industrial Arts with a minor in Mathematics and Science; Course 2, to satisfy the needs of those interested in the Engineering field from a managerial standpoint; Course 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.

Courses 1 and 2 carry full college credit and a degree will be granted in each course. It must be expressly understood that the man following course 2 will not endeavor to satisfy the requirements of the Board of 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.

**MANUAL TRAINING****Ind. 101 Bench Work****Credit 2 hrs.**

Required of all Industrial Education Students. Elementary hand woodworking, up to and including the dado joint.

- Ind. 102 Bench Work** **Credit 2 hrs.**  
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. Prerequisite, Ind. 101.
- Inw. 103 Wood Turning** **Credit 2 hrs.**  
Required of all Industrial Education students. This is the beginning course in wood turning.
- Ind. 201 Cabinet Making** **Credit 2 hrs.**  
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 hrs.**  
A continuation of 201, in which each student must build one or more creditable pieces of furniture.
- Ind. 203 Care of Equipment** **Credit 1 hr.**  
Must be taken with 202. The student is taught to file saws of all sorts, and the care of the machine equipment.
- Ind. 204 Carpentry** **Credit 2 hrs.**  
Practice in rafter cutting and elementary house carpentry, such as building garages, play houses, etc.
- Ind. 205 Woodturning and Pattern Making** **Credit 2 hrs.**  
This course is for the purpose of making wood forms for metal work. elective.
- Ind 301 Industrial History** **Credit 2 hrs.**  
This course deals with the stages of development in industry, and its present trends.
- Ind. 302 Wood Finishing** **Credit 2 hrs.**  
A study of various finishes and their composition, including a study of woods.
- Ind. 305 Upholstering (Elective)** **Credit 2 hrs.**  
A study of upholstery materials and project practice.
- Ind. 401 Industrial Methods** **Credit 2 hrs.**  
Methods of teaching and organization of the subject matter.
- Ind. 403 Shop Work on Productive Basis** **Credit 2 hrs.**  
This is an attempt to keep pace with market competition.
- Ind. 404 Shop work on Prod. Basis (Elective)** **Credit 2 hrs.**  
Continuation of Course 403.

- Ind. 405 Advance Furniture Making (Elective)**      **Credit 2 hrs.**  
Practice in woodwork in advance of the requirements of the course.

### PRINTING

- Ind. 151 Fundamentals of Printing**      **Credit 2 hrs.**  
Learning type cases and type faces. Study of sizes and type families. Practice of straight matter setting.
- Ind. 152 Straight Matter Setting**      **Credit 2 hrs.**  
Simple jobs and layouts. Platen Press feeding, Elementary stonework.
- Ind. 251 Study of Forms**      **Credit 2 hrs.**  
Impositions, elementary design and display.
- Ind. 252 Intermediate Design**      **Credit 2 hrs.**  
Study of forms in general. Study of effective type arrangements. Ruled forms.
- Ind. 351 Advanced Design and Layouts**      **Credit 2 hrs.**  
Study of Book and periodical forms. Elementary Linotype operation. Multi-color presswork.
- Ind. 352 Study of Paper Stocks**      **Credit 2 hrs.**  
Figuring costs, printing office accounts, intensive shop practice.
- Ind. 451 Binding**      **Credit 2 hrs.**  
Study of stapling, perforating and cutting machinery. Proof reading, advanced press work.
- Ind. 452 Management**      **Credit 2 hrs.**  
Study of various types of printing establishments; elementary newspaper practice. Shop management.

### SHOEMAKING

- Ind. 161 Elementary Shoe Repairing**      **Credit 2 hrs..**  
This course is for the purpose of teaching the student the care and use of shoemaking equipment, tools and materials.
- Ind. 162 Elementary Shoe Repairing**      **Credit 2 hrs.**  
Making wax ends and general repair by hand.
- Ind. 261 Advanced Repairing**      **Credit 2 hrs.**  
This course is a continuation of 162 including sole and heel rebuilding by machinery.
- Ind. 262 Leathers**      **Credit 2 hrs.**  
Selecting and judging the qualities of sole and upper leather.



- Ind. 361 Elementary Shoemaking** **Credit 2 hrs.**  
Review of second year's work with advanced repair works and problems pertaining to shoemaking.
- Ind. 362 Elementary Shoemaking** **Credit 2 hrs.**  
Building new heels, fitting insoles and sewing whole soles by machinery.
- Ind. 364 Craft (Elective)** **Credit 2 hrs.**  
Study and practice in leather craft.
- Ind. 461 Measurements** **Credit 4 hrs.**  
Making last to fit the foot and fitting uppers.
- Ind. 462 Shoemaking** **Credit 2 or 4 hrs.**  
Drafting, uppermaking, shop management, and business methods.
- Ind. 464 Harness (Elective)** **Credit 2 hrs.**  
Harness making and repair.

#### AUTO MECHANICS

- Ind. 111 Automobile Construction and Design** **Credit 2 hrs.**  
Principles of construction and operation of the automobile.
- Ind. 112 Automobile Servicing** **Credit 2 hrs.**  
Washing, Lubrication, polishing and general car care.
- Ind. 114 Metal Work** **Credit 2 hrs.**
- Ind. 211** **Credit 2 hrs.**  
**Front End Designs, Transmissions, Differentials and Brakes**  
Construction, adjustments and repairs.
- Ind. 212** **Credit 2 hrs.**  
**Automobile Engines and Carburetion System**
- Ind. 215** **Credit 2 hrs.**  
**Same as Ind., Eng., Mfg. Processes (Elective)**
- Ind. 311 Ignition, Lighting System & Battery** **Credit 2 hrs.**  
Fundamental principles and practices of automotive electricity.
- Ind. 312 Generators and Starters** **Credit 2 hrs.**  
Construction, operation and repair of starters and generators.
- Ind. 314** **Credit 2 hrs.**  
**Electric and Acetylene Welding (Elective)**

- Ind. 411** **Body & Fender Work and Paint Spraying** **Credit 2-4 rds.**  
Procedures in body and fender repair, methods of paint spraying.
- Ind. 412 Auto Mechanics (Elective)** **Credit 2-4 hrs.**  
Machine shop practice. Use of steel lathe for making tools.
- Ind. 413 Shop Management and Foremanship** **Credit 2 hrs.**  
With apprenticeship training in commercial shop.

### PHOTOGRAPHY

- Ind. 381** **Credit 2 hrs.**  
Theory and practice of photography with view and hand cameras; development of plates and printing.
- Ind. 382 (Continued)** **Credit 2 hrs.**  
Enlargements, reductions and reproductions of photographs, scenes, maps, etc.

### LAUNDERING

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

**TAILORING**

- Ind. Elementary Tailoring** **Credit 2 hrs.**  
A study in the use of simple tools with elementary practice work.
- Ind. 132 Rebuilding** **Credit 2 hrs.**  
Making general alterations and making over suits.
- Ind. 231 Beginner's Drafting** **Credit 2 hrs.**  
The drafting and making of uniform trousers.
- Ind. 232 Beginner's Drafting** **Credit 2 hrs.**  
Continuation of course 231.
- Ind. 331 Drafting** **Credit 2 hrs.**  
The drafting and making of citizens' trousers.
- Ind. 332 Drafting** **Credit 2 hrs.**
- Ind. 431 Designig** **Credit 2 hrs.**  
Coat design, and study of materials.
- Ind. 434 Management** **Credit 2 hrs.**  
Continuation of 431. Including management of shop.

**DRAWING**

- Ind. 171 Elementary Mechanical Drawing** **Credit 2 hrs.**  
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 hrs.**  
Prerequisite 171. This course involves the making and reading of drawings, including the development and application of curves.
- Ind. 272 Descriptive Geometry** **Credit 2 hrs.**  
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 Drawign** **Credit 2 hrs.**  
A study of machine parts and their uses, also lectures on accurate measurement.
- Ind. 276 Lettering (Electives)** **Credit 2 hrs.**  
Prerequisite, Drawing 171. (Elective). A study of upper and lower case lettering; also historic forms and the principles of letter-composition.
- Ind. 271 Working Drawing** **Credit 2 hrs.**  
Theory and practice in the design of projects used in the manual training courses.

**Ind. 372 Industrial Art Design** **Credit 2 hrs.**

Prerequisite, Drawing 171 and 172. A study of period furniture, the essential characteristics as to service and beauty.

**Ind. 471 Architectural Drawing** **Credit 2 hrs.**

A beginner's course in architectural drawing and follows up Ind. 371.

**Ind. 472 Architectural Drawing (Elective)** **Credit 2 hrs.**

The planning of house exterior and interior; a study of room arrangement; lighting, heating and sanitation.

**INDUSTRIAL ENGINEERING****Eng. 115 Surveying** **Credit 2 hrs.**

The use and care of surveying instruments, and the methods used in plane and topographic surveying. Supplemented with drafting room work. Prerequisite, Math. 103 (Trig).

**Eng. 116 Engineering Lectures** **Credit 2 hrs.**

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 3 hrs.**

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

**Eng. 206 Pattern Making** **Credit 2 hrs.**

For Engineering students. Elementary bench work, wood turning, and Pattern making. Prerequisite Eng. 205. Laboratory course.

**Eng. 208 Foundry Practice** **Credit 2 hrs.**

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

**Eng. 215** **Credit 2 hrs.****Industrial Engineering Manufacturing Processes**

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 3 hours.

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

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 hrs.**  
A practical course in elementary electricity, consisting of ordinary wiring, repairs to electrical equipment, simple fixtures and a study of N. E. C. equipments.
- Eng. 305 Time Study** **Credit 3 hrs.**  
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 hrs.**  
Same as Auto Mechanics 412.
- Eng. 401 Kinematics of Machinery** **Credit 2 hrs.**  
Instant centers; linear velocities by the instant center method; Velocity diagrams; gears, belts and pulleys. Prerequisite, Ind. 171, Sci. 121. Recitation 1 hour; practice 3 hours.
- Eng. 404 Tool Design.** **Credit 2 hrs.**  
Special equipment and methods used in interchangeable manufacturing in the machine shop; design of the more simple special tools. Laboratory 4 hours.
- Eng. 406 Production Planning** **Credit 2 hrs.**  
The design and construction of special equipment to be used in production jobs. Gig design, etc.
- Eng. 302 Steam Power Plants** **Credit 3 hrs.**  
The selection of size and type of boilers, location of apparatus,  
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. 306 Industrial Organization** **Credit 3 hrs.**  
The organization and management of industrial enterprises.
- Eng. 303 Advanced Heat Engineering** **Credit 2 hrs.**  
As applied to steam power plants and a study of simpler phases of refrigeration and cold storage with design and location of apparatus for a refrigeration plant.
- Eng. 407 Factory Cost** **Credit 2 hrs.**  
Cost accounting as applied to factory production and methods used in allocating factory costs. Prerequisite, Ind. 306.
- Eng. 402 Scientific Management** **Credit 2 hrs.**  
A study of present methods of management in industry.



**Eng. 416 Factory Planning****Credit 3 hrs.**

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 hrs.**

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.

**ELECTRICITY****Ind. 191 Wiring****Credit 2 hrs.**

Theory and practice in wiring simple fixtures.

**Ind. 291 Wiring****Credit 2 hrs**

This course includes the measuring and bending of conduct and advanced wiring.

**Ind. 294 Job Management****Credit 2 hrs.**

This includes estimation and management of electrical jobs, with practical experience.

**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 Technical Composition****Credit 4 hrs.**

Practical training in each trade. Laboratory 5 hours per day credit 2 hours each semester.

**Trade 144A&B Mechanical Drawing****Credit 4 hrs.**

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 2 hours each semester.

**Trade 103A&B Shop Mathematics****Credit 4 hrs.**

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 hrs.**

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

**Trade 144A&B Mechanical Drawing** **Credit 4 hrs.**

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

**Trade 208A&B Trade** **Credit 4 hrs.**

An advanced of course 104, with much stress on the development of skill. Laboratory 5 hours per week. Credit 2 hours each semester.

**Trade 228 Trade Administration** **Credit 2 hrs.**

Instruction relating to organized efficiency in trade work.

**Trade 248A&B Advanced Composition** **Credit 4 hrs.**

A continuation of course 114, including speaking. Credit 2 hours each semester.

**Trade 208 Trade Science** **Credit 2 hrs.**

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

**Trade 288A&B Elective Trade** **Credit 4 hrs.**

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

**BACHELOR OF SCIENCE IN INDUSTRIAL ARTS**

**Freshman Year**

FIRST SEMESTER	Hrs.	Second Semester	Hrs.
M. L. 101 Engl. Comp. ....	3	M. L. 102 Engl. Comp. ....	3
Math. 101 College Algebra ..	3	Math. 106 Trig. ....	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	Sci. 101 Gen. Chem. ....	3
Ag. 105 Gen Ag. ....	2	Ind. 111 Or its Equivalent ..	2
P. E. 101 Phy. Ed. ....	1	P. E. 102 Phy. Ed. ....	1

**Sophomore Year**

M. L. 201 Adv. Gram. ....	3	M. L. 212 Public Speaking ..	3
Ind. 203 Care of Equip. ....	2	Ed. 102 Ed. Psy. ....	3
Soc. 202 American Hist. ....	4	Soc. 204 American Govt. ....	3
Sci. 221 Gen. Phys. ....	3	Sci. 222 Gen Phys. ....	3
Ind. 201 103 or its equivalent	2	Ind. 202 103 or its equivalent	2
Ind. 271 Work Drawing ....	2	(Cabinet making)	
P. E. 201 Phy Ed. ....	1	Ind. 272 Descriptive Geom. ..	2
		P. E. 202 Phy. Ed. ....	1

**Junior Year**

Ed. 201 Gen Methods .....	2	Ed. 222 Adol. Psy. ....	2
Math. 230 Statistics .....	3	Ed. 450 Measurements ....	3
Ind. 302 Wood finishing ...	2	Ind. 303 Frame Work or	
Ind. 373 Machine Drawing _	2	its equivalent .....	2
Ind. Practical Elec. ....	2	Ind. 372 Ind. Arts Design ..	2
T&I 373 Hist. & Phil. of		207 Okla. History .....	2
Voc. Ed. ....	4	Electives .....	4
Ind. 403 Prod. Basis .....	4	Ind. 404 Prod. Basis .....	4
Electives .....	2		

**Senior Year**

Ed. 450 Prin. of Sec. Ed _	2	Ed. 493 App. Teaching ....	3
T.&I. 394 Methods of Teach	3	Ind. 472 Archt. Drawing ..	2
B. A. 251 Elem. Acct. ....	3	Soc. 222 Economics .....	3
Ind. 471 Archt. Drawing ..	2	B. A. 252 Cost Accounting ..	3
Soc. 221 Economics .....	3	Electives .....	4
Electives .....	4		

**B. S. IN INDUSTRIAL ENGINEERING****Freshman Year**

Math. 101 College Algebra ..	3	Math. 106 Trig. ....	3
Sci. 101 Gen. Chem. ....	3	Sci. 102 Gen. Chem. ....	3
Ind. 171 Mech. Drawing ....	2	M. L. 102 Engl. Comp. ....	3
M. L. 101 Engl. Comp. ....	3	Eng. 115 Surveying .....	2
Ind. 101 Bench Work .....	2	Eng. 116 Engineering Lect. _	2
Ind. 114 Metal Work .....	2	Ind. 172 Mech. Drawing ....	2
P. E. 101 Phy. Ed. ....	1	P. E. Phy. Ed. ....	1

**Sophomore Year**

Math. 204 Analysis .....	4	Math. 305 Calculus .....	4
Sci. 221 Gen. Phys. ....	3	Sci. 222 Physics .....	3
Ind. 201 Cabinet Making &		Ind. 215 Forge & Heat	
Pattern Making .....	2	Treatment .....	2
Eng. 271 Metallurgy of Iron		Ind. 202 Cabinet & Pattern	
and Steel .....	3	Making .....	2
Ind. 271 Working Drawing _	2	M. L. 212 Public Speaking ..	3
M. L. 201 Adv. Gram. ....	3	Ind. 272 Descriptive Geom. ..	2
P. E. 201 Phy. Ed. ....	1	P. E. Phy. Ed. ....	1

**Junior Year**

Eng. 305 Time and Motion		Ind. 391 Pract. Elect. ....	2
Study .....	2	Eng. 306 Ind. Organization _	2
Eng. 215 I. E. Mfg. Pro. ..	2	Eng. 303 Steam Power Plants	4
Eng. 302 Steam Power Plants	3	Soc. 325 Econ. Hist of U. S.	3
Soc. 221 Economics .....	3	Eng. 217 Mech. Statics .....	3
Ind. Machine Design .....	2	Ind. 372 Ind. Art Design ..	2
Electives .....	4	Electives .....	3

**Senior Year**

B. A. 252 Elem. Acct. -----	3	B. A. Cost Acct. -----	3
Eng. 407 Factory Costs -----	2	Eng. 402 Scientific Manage- ment -----	2
Ind. 471 Archt. Drawing ---	2	Eng. 416 Factory Planning -	3
Eng. 406 Production Plan- ning -----	3	Ind. 472 Archt. Drawing --	2
Eng. 404 Tool Design -----	2	Eng. 417 Heating & Venti- lation. -----	3
Electives -----	6	Electives -----	4

**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:

Auto Mechanics	Plumbing
Boiler Room Practice	Printing
Electricity	Laundry
Carpentry and Cabinet Making.	Shoemaking
Tailoring	Foundry

**First Year**

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

**Second Year**

Trade 208A Selected Trade -	2	Trade 208B Elected Trade --	2
Trade 134 Tool Care -----	2	Trade 228 Trade Admin. ---	2
Trade 268 Trade Science ---	2	Trade 248B Public Speaking -	2
Trade 248A Eng. Gram. ----	2	Trade 391 Practical Elect. -	2
P. E. 201 Phy. Ed. -----	1	P. E. 202 Phy. Ed. -----	1

**VOCATIONAL CURRICULUM****Junior Year**

FIRST SEMESTER	Hrs.	Second Semester	Hrs.
Ed. 201 Gen. Methods .....	2	Ed. 222 Adol Psy. ....	2
Math. 230 Statistics .....	3	Ed. 311 Measurements .....	3
Ind. 302 Wood Finishing ...	2	Ind. 303 Frame Work .....	2
Ind. 371 Machine Drawing ..	2	Ind. 372 Ind. Art Design ...	2
Eng. 391 Practical Electri-		Soc. 207 Okla. History .....	2
city .....	2	T&I 496 Trade & Job	
T&I 393 Hist. and Phil.		Analysis .....	3
of Voc. Ed. ....	3	Elective .....	4
Electives .....	4		

**Senior Year**

T&I 394 Meth of Teaching		T&I 498 & 498A Obs. & Prac.	
or 394A, Meth. &		tice Teaching .....	4
Materials for teach-		T&I 499 Prod. Basis .....	6
ing H. H. Service ..	3	Ind. 472 Arch. Drawing ...	2
Ed. 450 Prin. of Sec. Ed. ..	2	T&I 495 Voc. Guidance .....	2
T&I 497 of 497A Productive		Soc. 222 Economics .....	2
Basis .....	6	Electives .....	2
B. A. 251 Elem. Acct. ....	3		
Ind. 471 Arch. Drawing .....	2		
Soc. 221 Economics .....	2		

**TRADES AND INDUSTRIAL DIVISION  
OF VOCATIONAL EDUCATION**

The Department of Trades and Industries is a service department relating to Industrial Arts Education, Industrial Engineering, and the Division of Vocational Education under the regulation of the Smith-Hughes and George Deen Acts, as set up by the Federal and State Board for Vocational Education. The Curriculum of the division of Vocational Education may be found with reference to the curriculum of Industrial Arts Education and Home Economics Education.

Persons desiring to meet the requirements of the State and Federal Boards of Vocational Education as Day-trade teachers should follow the course under Industrial Arts Education or Home Economics Education through the Sophomore year. On entering the Junior year the Curriculum of the Division of Vocational Education should be followed. This curriculum meets the needs for Day-trade teach-

(\*) Indicates in this catalog.



ers, Part-time and Evening trade extension teachers. Related subject teachers and continuation school teachers. See certification requirements\* or the State Plan for teaching qualification under each type of vocational school or class.

### VOCATIONAL MAJORS

Majors are offered in the following fields: Tailoring, Cosmetology, Barbering, Woodwork, Auto Mechanics, Shoe Rebuilding, Household Maid Service, Laundering, Printing and Electricity.

**T&I 393**

**Credit 3 hrs.**

#### **History and Philosophy of Vocational Education**

Prerequisite, Junior standing in major study. Historical background and development of present and future trends in Vocational Education.

**T&I 394**

**Credit 3 hrs.**

#### **Methods of Teaching Trades and Industrial Education**

Prerequisite, Junior standing in major study. Established principles involved in the teaching of Trades and Industries.

**T&I 394A**

**Credit 3 hrs.**

#### **Methods and materials for Teaching Household**

**T&I 493**

**Credit 3 hrs.**

#### **Administration and Supervision of Vocational Education**

The techniques and trends for the supervisors and administrators of Vocational Education (Elective)

**T&I 495**

**Credit 3 hrs.**

#### **Guidance, Placement and Follow-up in Industrial Education**

Prerequisite, T. & I. Edu. 393. Factors relating to counseling, placement, and coordination in Vocational Education (Elective).

**T&I 496 Trade and Job Analysis**

**Credit 3 hrs.**

The technical analysis of a trade or job as to its training units.

**T&I 497 Productive Basis**

**Credit 3 hrs.**

Prerequisite, Senior standing. Dealing with the more difficult and intricate cabinet work and finishing.

**T&I 497A Special Problems in Household Service** **Credit 3 hrs.**

The development of fundamental materials for special problems.

**T&I 498 & 498A Observation & Practice Teaching** **Credit 2 hrs.**

Prerequisite. T. & I. Edu. 394. Lesson Planning, observing and practice Teaching.

**T&I 499 Productive Basis** **Credit 3 hrs.**

Prerequisite. Senior Standing. Advanced work in all of the processes including upholstery.

**T&I Fundamental Practices in Household Skills** **Credit 3 hrs.**

Practical participation for the development of skills and accuracy.

**TEACHER TRAINING IN COSMETOLOGY****(COLLEGE CREDIT)**

Special courses offered to teachers and prospective teachers:

1. Fundamental Practices and Skills in Cosmetology --6 hrs.
2. Trade and Job Analysis -----3 hrs.
3. Methods and Materials for Teaching Cosmetology ---- 3 hrs.
4. Apprentice Teaching (Observation) -----2 hrs.
5. Practice Teaching -----4 hrs.
6. Special Problems in Vocational Education ----- 2 hrs.
7. History and Philosophy of Vocational Education ---- 3 hrs.
8. Salesmanship and Small Business Accounting ----- 3 hrs.
9. Seminar in Vocational Education ----- 3 hrs.

**Prerequisites:**

All persons taking this special Teacher Training course must have completed the state's required 1,000 hours of training for an operator license. And if teacher trainees plan to work in an accredited high school it is necessary that four years of college work be completed. (This requirement is not made of teachers in non-accredited schools at present).

These special courses and regular State required Trades and Industrial Education courses are offered to persons interested in teaching cosmetology in Federally aided schools, as well as private or public trade schools. At the completion of this teacher training course an instructor's license may be obtained from the State Board of Cosmetology and a special trade certificate is granted by the State Department of Education.

**TRADE AND INDUSTRIAL TRADE TRAINING CURRICULUM****First Year****FIRST SEMESTER**

Hrs. Per. Wk.		Hrs. Per. Wk.	
T&I. 20	Tailoring -----15	T&I. 21	Tailoring -----15
T&I. 90	Mech. Drawing -- 5	T&I. 91	Mech. Drawing -- 5
T&I. 9	Shop Mathematics 3	T&I. 10	Shop Mathematics 3
T&I. 13	Trade Composition 3	T&I. 14	Trade Composition 3

**Second Year**  
**SECOND SEMESTER**

	Hrs. Per. Wk.		Hrs. Per. Wk.
T&I. 22 Tailoring	-----15	T&I. 23 Tailoring	-----15
T&I. 92 Mech. Drawing	_ 5	T&I. 93 Mech. Drawing	_ 5
T&I. 11 Trade Science	--- 3	T&I. 12 Trade Science	--- 3
T&I. 15 Trade Composition	3	T&I. 16 Trade Composition	3

(Each of the following trades may fit into the above curriculum by replacing tailoring, auto mechanics, shoe repairing, laundering, printing and electricity.)

Beginning the fall term of 1941-42 Langston University will offer a course in Aviation which will include ground work and flight training. Students who are interested in such a course may register for same when registering for other work. This course will be open to employees of the University and other persons who may not be regular students. Any person who desires to register for such course may do so by paying a small fee for same. A schedule may be arranged for those persons desiring this training who are not regular registered students of the University. Satisfactory completion of such course should enable the individual to qualify for pilot's license.

For further information write President G. L. Harrison, Langston University, Langston, Oklahoma.

**COSMETOLOGY — ONE YEAR COURSE**

T&I. 80 Cosmetology	T&I. Applied Art
T&I. 17 Salesmanship	T&I. Business English
T&I. 18 Business English	T&I. Applied Chemistry
T&I. 7 Business Mathematics	T&I. Business Mathematics.
T&I. Cosmetology	

(Special short courses are followed during the regular term and summer. Persons may enter T. & I. Trade Training Course at any that they feel the need of training).

**EXTENSION AND CORRESPONDENCE DEPARTMENT**

**General Information**

*W. H. Slaughter, Jr., Director*

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 classroom 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 Extension and 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 are payable in advance. The tuition is \$5.00 per credit hour. This does not include text or stationery. The instruction sheet gives information as to the authors, publishers and price of material.

### 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. It is advisable to begin the work with the fall term. However, students may enter at any time previous to the beginning of the spring term.

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.

### 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 opening of summer school.

Students with sixty (60) or more semester hours of credit in the institution should have the approval of the director of the Extension Division and the Dean of the College, if the hours taken in this division are to be accepted on 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.

Examination 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.

Not more than eight (8) semester hours of work may be taken during any one academic year (this is between September 1 and May 1, or during the time a student may earn thirty hours.

Arrangements may be made with University Librarian for the use of such reference books as are not on the "Reserve List."

### Education

Ed. 101 General Psychology -----	3 hrs.
Ed. 102 Educational Psychology -----	3 hrs.
Ed. 308 Psychology or Childhood -----	2 hrs.
Ed. 222 Adolescent Psychology -----	2 hrs.
Ed. 411 Curriculum Making -----	4 hrs.
Ed. 424 History of Education -----	4 hrs.
Ed. 450 Principles of Secondary Education -----	2 hrs.
Ed. Specific Methods -----	2 hrs.



**English**

M. L. 101 English Composition .....	3 hrs.
M. L. 102 English Composition .....	3 hrs.
M. L. 223 English Literature .....	3 hrs.
M. L. 224 English Literature .....	3 hrs.
M. L. 301 American Literature .....	3 hrs.
M. L. 302 American Literature .....	3 hrs.
M. L. 423 Romantic Movement in English Literature .....	3 hrs.

**Economics**

Soc. 221 Principles of Economics .....	3 hrs.
Soc. 222 Principles of Economics .....	3 hrs.

**Science**

Sci. 157 Hygiene, Personal .....	2 hrs.
Sci. 257 Hygiene, Community .....	2 hrs.

**Mathematics**

Math. 101 College Algebra .....	3 hrs.
Moth. 104 Solid Geometry .....	2 hrs.
Math. 106 Trigonometry .....	3 hrs.
Math. 204 Analytics .....	4 hrs.

**History**

Soc. 101 European History (Modern Europe) .....	3 hrs.
Soc. 102 European History (Contemporary Europe) .....	3 hrs.
Soc. 202 History of the United States (Colonial) .....	4 hrs.
Soc. 203 History of the U. S. (from 1860 to present) .....	3 hrs.
Soc. 207 History of Oklahoma .....	2 hrs.
Soc. 303 History of the Negro .....	3 hrs.
Soc. 304 English History .....	3 hrs.
Soc. 305 English History .....	3 hrs.

**Government**

Soc. 240 American Government .....	3 hrs.
Soc. 241 Government of Oklahoma .....	3 hrs.

**Sociology**

Soc. 271 Introduction to Sociology .....	3 hrs.
Soc. 372 Rural Sociology .....	3 hrs.

**Agricultural**

Af. 105 General Agriculture .....	2 hrs.
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**Art**

Art. 101 Principles of Art. -----	2 hrs.
Art. 103 Principles of Art. -----	2 hrs.
Art 107 Perspective -----	2 hrs.
Art 205 Design -----	2 hrs.

**State Required Subjects**

Soc. 207 Oklahoma History -----	2 hrs.
Ed. 1 Oklahoma School Law. -----	1 hr.
Ag. 105 Agriculture -----	2 hrs.

**GRADUATES****May 15, 1940****Bachelor of Science — Agriculture**

Autry, William Henry	Haynes, William Joseph
Berry, Eugene Harold	Smith, Willie James
Butler, Newman Noal	Wilson, Victor E.
Diggs, Cornelius	

**Bachelor of Science — Elementary Education**

Alexander, Flora	Harris, Luella
Banner, Carolyn	Hill, Marnesha Davis
Bland, Mary Magdaline	Musgrove, Willa Mae
Chiles, Eugene Evelyn	Payne, Oneda B.
Cooper, Thelma Marguerite	Robinson, Clara B.
Drake, Ardell Evella	Trice, Callie Irons
Durham, Rachel Starks	Wallace, Marie Burdette
Evans, Alberta Bennet	White, Alice Mae
Fuhr, Willie Ella Sam	Wood, Emily Beatrice
Fuhr, Riva Abrams	Young, Bessie Lee
Gamble, Dorothy Yvonne	

**Bachelor of Science — Home Economics**

Chappell, Robbie Beulah	Humpress, Ora Bernice
Cooper, Lettie Ruth	Jackson, Mittle Jessie
Diggs, Tessie Rae	Rolland, Josephine
Elliott, Edmonia Victoria	

**Bachelor of Science — Industrial Arts.**

Homer, George	Pondexter, Imogene Creather
Hubbard, George Maurice	Spears, Chester A.

**Bachelor of Science — Secondary Education**

Adams, Leo Howard	Smith, Howard William
Alexander, Elmer Lincoln	Stallworth, Lillie Augusta
Austin, Lorene Virginia	Stubblefield, Inez E.
Britt, Claudius George	Sudduth, Thomas Hubert
Brown, Avery Jennetta	Talton, William Franklin
Brown, Marzetta Pearline	Taylor, Thomas
Burns, Ethel Elizabeth	Thomas, Eddie Ray
Burns, Ida Matilda	Tutt, Artee
Clay, Howard Curtis	West, Leander
Ellis, Ora Herbert	Woody, Lawrence Leo
Evans, Timothy Olivia	Yarber, Mae Etta
Franklin, Coy	Gayles, William Benjamin
Lane, Peter James	Golden, Larzette Oneatha
Minfield, Leslie Herbert	Green, Juan Nornetta
Nolan, Prentis Clamore	Hale, William Henri
Patterson, Russel Laverne	Harris, Clayton Kalper
Perryman, Corinne Ramona	Harrison, Dannie Mae
Philpot, Mary Marie	Jackson, Mildred Johnson
Pittman, Leslie Warren	Jennings, Emery Hardy
Pittman, Mary Ann	Johnson, Katherine Parthenia
Richardson, Claude Michael	Johnson, Thomas Wesley
Richardson, Evelyn	Jones, Richard Donald
Russel, Vera Mae	King, Robert Henry
Smith, Benjamin Franklin	

**Trades Certificates**

Carpentry	Shoemaking
Bruner, Nahum Edascar	Slaten, William Leon
Jackson, Bozie	

**HONOR STUDENTS**

I. SUMMA CUM LAUDE	(Mrs.) Riva Abram Fuhr
Larzette Golden	Oneida Payne
Evelyn Richardson	Robbie Chappell
II. MAGNA CUM LAUDE	William Henri Hale
Danie Mae Harrison	Emily Wood
III. CUM LAUDE	-- WITH DISTINCTION
(Mrs.) Alberta Evans	(Mrs.) Carolyn Banner
Thelma Marguerite Cooper	(Mrs.) Marnesba Davis Hill
Lillie Stallworth	(Mrs.) Marie Burdette Wallace

ENROLLMENT  
1940-41

Freshmen .....	356
Sophomores .....	212
Juniors .....	215
Specials .....	12
Men .....	435
Women .....	557
Extension .....	103
Correspondence .....	125
Six Weeks Classes .....	36
Saturday Classes .....	93
Total Resident and Non Resident .....	1349

## KEY TO LETTERS

- A Agriculture
- E Education
- H Home Economics
- I Industrial Arts
- S Arts and Science

## STUDENT ROSTER

## FRESHMEN

	NAME	DEPT.	CITY AND STATE
1	Adair, Dorsey (NYA)	I	Luther, Oklahoma
2	Adams, Chester	I	Beggs, Oklahoma
3	Adams, Minette	H	Chandler, Oklahoma
4	Adams, Marcelle	E	Beggs, Oklahoma
5	Alexander, Curby J.	S	Tulsa, Oklahoma
6	Alexander, Juanita H. (NYA)	S	Tulsa, Oklahoma
7	Alexander, Percy	A	Newalla, Oklahoma
8	Alford, Sunshine	E	Clearview, Oklahoma
9	Allen, Alice	H	Guthrie, Oklahoma
10	Amey, Queen Esther	H	Tecumseh, Oklahoma
11	Anderson, Ella	E	Hoffman, Oklahoma
12	Anderson, Walter	S	Langston, Oklahoma
13	Arterberry, Maud	S	Meridian, Oklahoma
14	Arthur, Leroy	S	Sapulpa, Oklahoma
15	Austin, Cornelius	S	Arkansas City, Kansas
16	Austin, Dorothy M.	S	Watonga, Oklahoma
17	Austin, Wesley B.	S	Oklahoma City, Oklahoma
18	Banks, Lewis	S	West Tulsa, Oklahoma
19	Banks, Mildred	H	Cache, Oklahoma
20	Barber, Melvin (NYA)	S	Dover, Oklahoma
21	Barnett, David Lee	E	Chandler, Oklahoma
22	Barnett, Searcy (NYA)	A	Oktaha, Oklahoma
23	Barron, Prince A. (NYA)	I	Idabel, Oklahoma
24	Batson, Alonzo	A	Tulsa, Oklahoma
25	Beck, Troy	I	Depew, Oklahoma
26	Belton, Edgar O.	E	Taft, Oklahoma
27	Benford, Ruby L.	E	Broken Bow, Oklahoma
28	Bennett, Robert	I	Chicago, Illinois
29	Berry, Clema	S	Oklahoma City, Oklahoma
30	Berry, Lois	S	Idabel, Oklahoma
31	Bible, Della F.	E	Oklahoma City, Oklahoma
32	Black Frances (NYA)	H	Hugo, Oklahoma
33	Black, Gertha	E	Tulsa, Oklahoma
34	Blye, Ralph	S	Vinita, Oklahoma
35	Bolten, David (NYA)	I	Oklahoma City, Oklahoma
36	Bowden, Horace (NYA)	S	Anadarko, Oklahoma
37	Boyd, Catheryn	E	Tulsa, Oklahoma
38	Boyd, Luvater	H	Tulsa, Oklahoma
39	Boyd, Thomas	S	Muskogee, Oklahoma
40	Briscoe, Dahnetta	H	Guthrie, Oklahoma



- |                              |   |                         |
|------------------------------|---|-------------------------|
| 41. Brooks, Agnes Daphne     | H | Boynton, Oklahoma       |
| 42. Brooks, Dorothy M.       | S | Muskogee, Oklahoma      |
| 43. Brooks, Louis T.         | H | Okmulgee, Oklahoma      |
| 44. Brown, Electra           | S | Fallis, Oklahoma        |
| 45. Brown, Eunice O. (NYA)   | S | Fallis, Oklahoma        |
| 46. Bryant, Ardis            | S | Sandsprings, Oklahoma   |
| 47. Bullock, Jessie M.       | S | Oklahoma City, Oklahoma |
| 48. Bunn, Joseph             | I | Muskogee, Oklahoma      |
| 49. Bunn, Mildred            | S | Oklahoma City, Oklahoma |
| 50. Burleson, Vernon (NYA)   | I | Chickasha, Oklahoma     |
| 51. Byrd, Hytower            | I | Grayson, Oklahoma       |
| 52. Byrd, Wilma              | E | Okmulgee, Oklahoma      |
| 53. Cannon, John             | S | Nashville, Tennessee    |
| 54. Carion, Wesley Howard    | S | Brooklyn, New York      |
| 55. Carter, Shellie D.       | I | Columbus, Texas         |
| 56. Cassius, Samuel (NYA)    | S | Langston, Oklahoma      |
| 57. Cathcart, Arthur (NYA)   | I | Tulsa, Oklahoma         |
| 58. Cato, Blanche M.         | S | Okmulgee, Oklahoma      |
| 59. Cato, Revoyda            | S | Hanna, Oklahoma         |
| 60. Chambers, Jackie         | S | Haskell, Oklahoma       |
| 61. Cherry, Georgia          | E | Oklahoma City, Oklahoma |
| 62. Church, John             | S | Oklahoma City, Oklahoma |
| 63. Clark, Willa Maxine      | S | Hennessey, Oklahoma     |
| 64. Coats, Helen (NYA)       | E | Tulsa, Oklahoma         |
| 65. Conley, Rosa Lee         | E | Tulsa, Oklahoma         |
| 66. Cooper, Elnora           | H | Stroud, Oklahoma        |
| 67. Cooper, La Verne (NYA)   | S | Fay, Oklahoma           |
| 68. Copeland, Eloise         | S | Stillwater, Oklahoma    |
| 69. Cotton, Ruma Mae         | E | Idabel, Oklahoma        |
| 70. Cox, Fannie Myrtle       | S | Crescent, Oklahoma      |
| 71. Cox, Nina Lavada         | S | Langston, Oklahoma      |
| 72. Crenshaw, Ernestine      | S | Slick, Oklahoma         |
| 73. Criner, Bertha (NYA)     | I | Oklahoma City, Oklahoma |
| 74. Croomes, Owen            | A | Okmulgee, Oklahoma      |
| 75. Cross, Mary E.           | E | Okmulgee, Oklahoma      |
| 76. Crummie, Velma           | E | Red Bird, Oklahoma      |
| 77. Cudjo, Gwendolyn         | H | Sasakwa, Oklahoma       |
| 78. Cudjo, Harold            | I | Seminole, Oklahoma      |
| 79. Cuff, Jimmie Yola        | E | Okmulgee, Oklahoma      |
| 80. Cunningham, Geneva       | S | Houston, Texas.         |
| 81. Dailey, Willie Mae       | E | Eufaula, Oklahoma       |
| 82. Dalton, Zane             | E | Oklahoma City, Oklahoma |
| 83. Daniels, Donnie F. (NYA) | I | Brooksville, Oklahoma   |
| 84. Daniels, Florastine      | S | Muskogee, Oklahoma      |
| 85. Daniels, Maurice (NYA)   | I | Oklahoma City, Oklahoma |

86. Daniels, William	S	Oklahoma City, Oklahoma
87. Davis, Annie Mae	I	Frederick, Oklahoma
88. Davis, Barbara Ann	E	Muskogee, Oklahoma
89. Davis, Corinne	H	Fort Gibson, Oklahoma
90. Davis, Henry J.	S	Hobbs, New Mexico
91. Davis, Oliver	S	Tulsa, Oklahoma
92. Davis, Vee Essie	S	Lawton, Oklahoma
93. Demmings, Celesta	S	Oklahoma City, Oklahoma
94. Dewberry, Perry L.	S	Ponca iCty, Oklahoma
95. Doakes, Nora Mae	E	Beggs, Oklahoma
96. Douglas, Lucille	E	Ardmore, Oklahoma
97. Downey, Wilma J.	H	Oklahoma City, Oklahoma
98. Doxey, Cordie	S	Perry, Oklahoma
99. Drew, Lee Daniel (NYA)	I	Tulsa, Oklahoma
100. Duckins, Willis	A	Fort Worth, Texas
101. Dukes, Sylvia	H	Boley, Oklahoma
102. Easley, Charles	I	Seminole, Oklahoma
103. Ector, Robert	I	Athens, Texas
104. Edgerton, Karl (NYA)	I	Brooksville, Oklahoma
105. Edwards, Clifton	I	Grayson, Oklahoma
107. Edwards, James (NYA)	I	Grayson, Oklahoma
108. Edwards, Tommis	S	Oklahoma City, Oklahoma
109. Edwards, Wendell	I	Guthrie, Oklahoma
110. English, Arthur	S	Warner, Oklahoma
111. Evans, Arlis	S	Haskell, Oklahoma
112. Fie lds, Robert (NYA)	A	Pauls Valley, Oklahoma
113. Finch, Samuel	S	Nashville, Tennessee
114. Flemons, Bernard	E	Goodland, Oklahoma
115. Flowers, Sherman	S	Nashville, Tennessee
116. Ford, John	S	Wagoner, Oklahoma
117. Foreman, Homer Smith	E	Okmulgee, Oklahoma
118. Foreman, Samuel (NYA)	I	Tulsa, Oklahoma
119. Foster, Delores	E	Guthrie, Oklahoma
120. Friend, Katherine	H	Frederick, Oklahoma
121. Fulsom, John	E	Hugo, Oklahoma
122. Frye, Dorothy (NYA)	S	Oklahoma City, Oklahoma
123. Gant, Johnnie	S	Oklahoma City, Oklahoma
124. Garrett, Nathaniel	I	Boley, Oklahoma
125. Gates, Birdie Lee	S	Luther, Oklahoma
126. Gay, Juanita NYA)	H	Tulahassee, Oklahoma
127. George, Margaret	S	Oklahoma City, Oklahoma
128. Goodloe, Winnie Bell	H	Tulsa, Oklahoma
129. Goodwyn, Johnnie (NYA)	I	Wynnewood, Oklahoma
130. Gordon, Harvey Lee	I	Tulsa, Oklahoma

131. Gray, Fannie (NYA)	I	Tulsa, Oklahoma
132. Greene, Victoria	E	Boston, Massachusetts
133. Hanson, Ruth	E	Beggs, Oklahoma
134. Harmon, Leoma (NYA)	E	Luther, Oklahoma
135. Hargrove, S. L.	S	Langston, Oklahoma
136. Harris, Lois	H	Fort Gibson, Oklahoma
137. Harris, Robert	S	St. Paul, Minnesota
138. Harrison, Prentice	I	Lawton, Oklahoma
139. Harrison, Ulysses	I	Lawton, Oklahoma
140. Hawkins, Rosa	H	Texarkana, Arkansas
141. Hayes, Elbert	I	Muskogee, Oklahoma
142. Hembre, Irene (NYA)	I	Sulphur, Oklahoma
143. Henricks, Helen	H	Geary, Oklahoma
144. Hildreth, Celesta	S	Oklahoma City, Oklahoma
145. Hill, Donnie M. (NYA)	I	Oklahoma City, Oklahoma
146. Hill, Reuben (NYA)	I	Muskogee, Oklahoma
147. Hodge, Dora (NYA)	H	Hugo, Oklahoma
148. Hoggins, Weldon	S	Fort Worth, Texas
149. Hollier, Warren	S	Sapulpa, Oklahoma
150. Hollis, Arlene (NYA)	H	Hugo, Oklahoma
151. Hollis Cornelius (NYA)	I	Hugo, Oklahoma
152. Hooks, George	I	Tatums, Oklahoma
153. Hooks, Millicent	H	Tatums, Oklahoma
154. Hopkins, Charles	I	Muldrow, Oklahoma
155. Hopkins, Nicholas	I	Muldrow, Oklahoma
156. Howard, Roscoe	S	Kansas City, Missouri
157. Howell, Wilburn	A	Sapulpa, Oklahoma
158. Howland, Harold	I	St. Paul, Minnesota
159. Hunter, Florence (NYA)	I	Wynnewood, Oklahoma
160. Hunter, Juanita	S	Wewoka, Oklahoma
161. Hutson, Helen	E	Oklahoma City, Oklahoma
162. Irons, Lillian	E	Langston, Oklahoma
163. Irvin, Melvin (NYA)	S	Stillwater, Oklahoma
164. Jackson, Elsa	S	Kingfisher, Oklahoma
165. Jackson, Olive (NYA)	H	Clearview, Oklahoma
166. Jackson, Roscoe	ES	Checotah, Oklahoma
167. Jackson, William (NYA )	A	Pauls Valley, Oklahoma
168. James, Helen (NYA)	S	Chandler, Oklahoma
169. Jenkins, Thomas	I	Guthrie, Oklahoma
170. Jennings, Bernice	S	Breckenridge, Texas
171. Jennings, William	S	Muskogee, Oklahoma
172. Johnson, Albert	I	Tulsa, Oklahoma
173. Johnson, Francis (NYA)	S	Okmulgee, Oklahoma
174. Johnson, Luvenia	E	Idabel, Oklahoma
175. Johnson, Murray	I	Tulsa, Oklahoma

176.	Jones, Douglas (NYA)	S	Idabel, Oklahoma
177.	Jones, Eola (NYA)	E	Rentiesville, Oklahoma
178.	Jones, Helen	H	Oklahoma City, Oklahoma
179.	Jones, Jessye	S	Muskogee, Oklahoma
180.	180. Jones, Lillian (NYA)	I	Meridian, Oklahoma
181.	Jones, Thelma (NYA)	I	Watonga, Oklahoma
182.	Joseph, Joe Anna (NYA)	H	Sapulpa, Oklahoma
183.	Kemp, Ella	S	Ardmore, Oklahoma
184.	Kennedy, Romeo	A	Drummond, Oklahoma
185.	Kernal, Willis	H	Oklahoma City, Oklahoma
186.	Kerney, Lawrence (NYA)	I	Oklahoma City, Oklahoma
187.	King, Fronzetta	H	Grant, Oklahoma
188.	King, Martha	S	Muskogee, Oklahoma
189.	Kornegay, Madelyn	S	Oklahoma City, Oklahoma
190.	Lane, Helen C.	E	Red Bird, Oklahoma
191.	Lawson, Miriam (NWA)	I	McLeod, Oklahoma
192.	Lawson, Sidney	S	Tuledo, Ohio
193.	Layne, Mae Lois	I	Oklahoma City, Oklahoma
194.	Le Blanc, Velma (NYA)	H	Okmulgee, Oklahoma
195.	Lee, Opal (NYA)	E	Boynton, Oklahoma
196.	Livingston, Charles	I	Fort Worth, Texas
197.	Lipscomb, Ledell (NYA)	I	Tulsa, Oklahoma
198.	Littles, Robert	A	Tulsa, Oklahoma
199.	Littleton, Celestine	E	Crescent, Oklahoma
200.	Littleton, Ozell (NYA)	I	Crescent, Oklahoma
201.	Livingston, Maxine	S	Shawnee, Oklahoma
202.	Loftus, Irma	I	Mangum, Oklahoma
203.	Lollis, Lester	E	Atoka, Oklahoma
204.	Love, Esther M.	H	Colbert, Oklahoma
205.	Love, Rebecca	S	Lawton, Oklahoma
206.	Lowe, Myra, (NYA)	I	Muskogee, Oklahoma
207.	Lugrand, Ernest (NYA)	I	Boley, Oklahoma
208.	Mack, Sam	I	Okmulgee, Oklahoma
209.	Mannings, Robert	S	Tulsa, Oklahoma
210.	Mason, Thelma D.	E	Idabel, Oklahoma
211.	Mason, Walter (NYA)	I	Beggs, Oklahoma
212.	Massey, Eugene	S	Ardmore, Oklahoma
213.	Mast, Vernice	H	Boley, Oklahoma
214.	Mayes, Vera	H	Boley, Oklahoma
215.	Menser, Olene	H	Boley, Oklahoma
216.	Milliner, Martha (NYA)	H	McAlester, Oklahoma
217.	Mitchell, Reuben (NYA)	I	Oklahoma City, Oklahoma
218.	Montgomery, John ((NYA)	S	Ponca City, Oklahoma
219.	Montgomery, Verida (NYA)	I	Waurika, Oklahoma
220.	Moore, Elsie J.	H	Kansas City, Missouri



221. Moore, Evan J.	S Coyle, Oklahoma
222. Moore, Fannie (NYA)	H Anadarko, Oklahoma
223. Moore, Walter	S Checotah, Oklahoma
224. Murphy, Aaron	S McAlester, Oklahoma
225. Myers, Lennell	S Wewoka, Oklahoma
226. Myers, Louis (NYA)	I Muskogee, Oklahoma
227. McCormick, Leon (NYA)	I Chandler, Oklahoma
228. McCormick, Vivian	E Boley, Oklahoma
229. McDaniels, Viola	S Sandsprings, Oklahoma
230. McDuffie, Cleada (NYA)	H Muskogee, Oklahoma
231. McIntosh, Arnetta	H Porter, Oklahoma
232. McIntosh, Scott (NYA)	I Boynton, Oklahoma
233. McKenzie, Cornelius	S Langston, Oklahoma
234. McLeod, Felicia (NYA)	H Tulsa, Oklahoma
235. McNeil, Octavia (NWA)	S Oklahoma City, Oklahoma
236. Nails, James	I Tulsa, Oklahoma
237. Napier, Robert Horace	S Tulsa, Oklahoma
238. Nash, Myrtle (NYA)	E Fort Gibson, Oklahoma
239. Neal, Tom	I Idabel, Oklahoma
240. Nelson, Bruce	I Muskogee, Oklahoma
241. Nelson, Jimmie	H Coyle, Oklahoma
242. Nelson, Judge	S Arcadia, Oklahoma
243. Nettles, Rufus	I Fort Worth, Texas
244. Norfleet, Constance	S Fort Worth, Texas
245. Oliver, Silas	S Vinita, Oklahoma
246. Ollie, Lavice	H Lawton, Oklahoma
247. Osborn, Lucille	H Clearview, Oklahoma
248. Owens, Eloise	S Sapulpa, Oklahoma
249. Owens, Inez	H Coyle, Oklahoma
250. Page, Harriet ((NYA)	S Tulsa, Oklahoma
251. Panky, Onis	S Tulsa, Oklahoma
252. Parker, Hubert	I Dover, Oklahoma
253. Parker, James	I Lawton, Oklahoma
254. Parker, John	I Fort Smith, Arkansas
255. Patterson, Dock	S Tulsa, Oklahoma
256. Phillips, William	S Duncan, Oklahoma
257. Pipes, Samuel	S McAlester, Oklahoma
258. Pointer, Mary (NYA)	I Muskogee, Oklahoma
259. Polk, Jeff	S Eufaula, Oklahoma
260. Presley, Bernice	S Eufaula, Oklahoma
261. Price, Fairy	H Druddond, Oklahoma
262. Prim, Faith	I Waukomis, Oklahoma
263. Quinn, Jewel (NYA)	S Tulsa, Oklahoma
264. Reeves, Nannie (NYA)	I Porter, Oklahoma
265. Reynolds, Spencer	S Meridian, Oklahoma



266. Rice, L. H.	S	Sapulpa, Oklahoma
267. Rice, Luberta	E	Tulsa, Oklahoma
268. Richardson, Donnie (NYA)	S	Stillwater, Oklahoma
269. Richey, Thomas	A	Geary, Oklahoma
270. Robinson, Arletha	S	Oklahoma City, Oklahoma
271. Robinson, Bernice (NYA)	E	Wagoner, Oklahoma
272. Robinson, Jewel	I	Sapulpa, Oklahoma
273. Robinson, Nellie Jean	H	Oklahoma City, Oklahoma
274. Robinson, Robert (NYA)	I	Fort Worth, Texas
275. Rogan, Wilhelmina	S	Hugo, Oklahoma
276. Rogers, Lee Daniel	S	Tulsa, Oklahoma
277. Roquemore, Leeta	S	Okmulgee, Oklahoma
278. Rucker, Ernest	S	Oklahoma City, Oklahoma
279. Rucker, Maurice	S	Oklahoma City, Oklahoma
280. Rucker, Royal (NYA)	S	Wetumka, Oklahoma
281. Sallie, Willie G.	A	Dallas, Texas
282. Sallis, Elnora	E	Fort Gibson, Oklahoma
283. Sanders, Curtis	A	Hackell, Oklahoma
284. Sanders, Mildred (NYA)	S	Oklahoma City, Oklahoma
285. Scott, Alma	E	Eufaula, Oklahoma
286. Shaw, Myrtle	S	Tulsa, Oklahoma
287. Shawnee, Anna Bee Jr.	S	Hennessey, Oklahoma
288. Shepard, Clara Mae	S	Hoffman, Oklahoma
289. Shepard, Oneita	E	Hoffman, Oklahoma
290. Sherron, Gladys (NYA)	H	Fort Gibson, Oklahoma
291. Sikes, Fred	I	Bristow, Oklahoma
292. Simpson, Lorene	E	Luther, Oklahoma
293. Sims, Matrue	S	Tulsa, Oklahoma
294. Slade, Ethel	E	Glencoe, Oklahoma
295. Smiley, Rayfield	I	Arcadia, Oklahoma
296. Smiley, Thelma (NYA)	H	Arcadia, Oklahoma
297. Smith, Caldonia (NYA)	H	Geary, Oklahoma
298. Smith, Clinton	S	Ardmore, Oklahoma
299. Smith, Fern (NYA)	H	Watonga, Oklahoma
300. Smith, Theodore (NYA)	I	Tulsa, Oklahoma
301. Smith, Virginia (NYA)	H	Fort Gibson, Oklahoma
302. Smitherman, Lessie Mae	H	Hartshorne, Oklahoma
303. Snow, Hortense	E	Muskogee, Oklahoma
304. Stearn, Hollis (NYA)	A	Boley, Oklahoma
305. Sterling, Madoline	H	Perry, Oklahoma
306. Stewart, Argentra	I	Boley, Oklahoma
307. Stewart, Florence	E	Langston, Oklahoma
308. Stewart, Jesse	I	Oklahoma City, Oklahoma
309. Stoughtenborough, Dean	S	Ardmore, Oklahoma
310. Stroud, Homer	A	Centralia, Oklahoma

311. Swain, Lucy	S	ViVnita, Oklahoma
312. Swan, Ethel	E	Crescent, Oklahoma
313. Sylvan, Oscar (NYA)	A	Mounds, Oklahoma
314. Tate Elane	H	Stauton, Oklahoma
315. Taylor, Annie B.	S	Eufaula, Oklahoma
316. Taylor, Cordelia	E	Muskogee, Oklahoma
317. Taylor, Helen	S	Oklahoma City, Oklahoma
318. Terrell, Clyde	S	Crescent, Oklahoma
319. Terrell, John (NYA)	I	Sawyer, Oklahoma
320. Thomas, John	A	Idabel, Oklahoma
321. Thompson, James	I	Brentwood, Mississippi
322. Thompson, Johnnie	E	Boley, Oklahoma
323. Thompson, Lawrence (NYA)	A	Lawton, Oklahoma
324. Thompson, Wilfred	A	Tulsa, Oklahoma
325. Thornton, Oralyne	E	Guthrie, Oklahoma
326. Thronabacker, Mae L.	E	Idabel, Oklahoma
327. Tinner, Margaret	S	Langston, Oklahoma
328. Traylor, Melvin	S	Taft, Oklahoma
329. Trent, Eunice	H	Tulsa, Oklahoma
330. Vickers, Fallis	I	Sapulpa, Oklahoma
331. Vickers, Mary	S	Choctaw, Oklahoma
332. Wallace, Classie	E	Porter, Oklahoma
333. Wallace, Gladys	S	Muskogee, Oklahoma
334. Ward, Fred (NYA)	I	Tulsa, Oklahoma
<b>335. Ward, James E. (NYA)</b>	I	McAlester, Oklahoma
336. Ward, James R.	A	Bristow, Oklahoma
337. Ward, Velma J.	E	Okmulgee, Oklahoma
338. Ware, Jethro J. (NYA)	S	Enid, Oklahoma
339. Warrior, Malcom	S	Checotah, Oklahoma
340. Washington, George (NYA)	I	Muskogee, Oklahoma
341. Waters, Luberta	S	Tulsa, Oklahoma
342. Watts, James	S	Oklahoma City, Oklahoma
343. West, John	S	Eufaula, Oklahoma
344. White, Sammie J.	I	Topeka, Kansas
345. Whitlow, Julia	S	Fort Worth, Texas
346. Wicks, Ethel	E	Langston, Oklahoma
347. Wilburn, Ethel	H	Porter, Oklahoma
348. Wilburn, Robert	E	Hugo, Oklahoma
349. Williams, Rufus	S	Broken, Bow, Oklahoma
350. Wilson, Archie	S	Kingfisher, Oklahoma
351. Wilson, Charles (NYA)	S	Shawnee, Oklahoma
352. Wilson, Oscar	S	Shawnee, Oklahoma
353. Wilson, Ruth	H	Soper, Oklahoma
354. Woody, Pauline	H	Gainesville, Texas
355. Wynn, Phail (NYA)	I	Taft, Oklahoma
3566. Young, Juanita	S	Lookabah, Oklahoma

## STUDENT ROSTER

## SOPHOMORES

	NAME	DEPT.	CITY AND STATE
1.	Adams, Charles	S	Porter, Oklahoma
2.	Adams, Fred	S	Vinita, Oklahoma
3.	Anderson, Arthur	I	Binger, Oklahoma
4.	Anderson, Jennie V (NYA)	H	Binger, Oklahoma
5.	Atkinson, Cleophus (NYA)	S	Okmulgee, Oklahoma
6.	Ayers, Elijah	I	Langston, Oklahoma
7.	Ballard, Lamon	E	Langston, Oklahoma
8.	Barrett, Wynona	S	Muskogee, Oklahoma
9.	Battle, Huey	A	Boley, Oklahoma
10.	Biggers, Annie L.	I	Dallas, Texas
11.	Black, Johnny	I	Hugo, Oklahoma
12.	Blye, Lloyd Lee (NYA)	I	Vinita, Oklahoma
13.	Bolton, Andrew	A	Guthrie, Oklahoma
14.	Bowen, Eric	S	Oklahoma City, Oklahoma
15.	Broadway, Mary (NYA)	S	Fort Gibson, Oklahoma
16.	Brooks, Detroy	S	Langston, Oklahoma
17.	Bryant, Madelyne	S	El Reno, Oklahoma
18.	Bufford, Essie Fae	E	Crescent, Oklahoma
19.	Buford, William	A	Langston, Oklahoma
20.	Bunn, Luella	S	Oklahoma City, Oklahoma
21.	Burge, Thomas	I	Luther, Oklahoma
22.	Burton, Matthew (NYA)	S	Hendrix, Oklahoma
23.	Carter, Allen (NYA)	S	Kingfisher, Oklahoma
24.	Chinn, Sherman (NYA)	A	Georgetown, Texas
25.	Christian, Arthur	S	Oktaha, Oklahoma
26.	Clanton, Freeman (NYA)	I	Sapulpa, Oklahoma
27.	Clark, William	A	Fay, Oklahoma
28.	Clays, Gladys	S	BGuthrie, Oklahoma
29.	Cloman, Juanita	S	Tulsa, Oklahoma
30.	Coggs, Isaac (NYA)	A	Muskogee, Oklahoma
31.	Combs, Sylvester	S	Bristow, Oklahoma
32.	Conley, Lillie M.	S	Tulsa, Oklahoma
33.	Cosey, Doris L.	E	Ardmore, Oklahoma
34.	Cox, Arzell (NYA)	A	Crescent, Oklahoma
35.	Crain, William	I	Wewoka, Oklahoma
36.	Crawford, Edna (NYA)	H	Tulsa, Oklahoma
37.	Cromer, Oneida	S	Langston, Oklahoma
38.	Curry, Zebedee (NYA)	A	Pauls Valley, Oklahoma
39.	Daniels, Florence (NYA)	E	Bristow, Oklahoma
40.	Daniels, Marvin (NYA)	I	Oklahoma City, Oklahoma

41. Davis, Cleo	S	Chandler, Oklahoma
42. Davis, Willard	I	Hennessey, Oklahoma
43. Dawson, Hugh	A	Hendrix, Oklahoma
44. Dewitt, David (NYA)	A	Tyler, Texas
45. Dial, Elnora (NYA)	I	Coweta, Oklahoma
46. Diggs, Jake (NYA)	S	Luther, Oklahoma
47. Dillon, Harold	I	Langston, Oklahoma
48. Dotson, Vivian	S	Tulsa, Oklahoma
49. Durley, Neonetta	H	Wagoner, Oklahoma
50. Elliott, Eliza M.	S	Muskogee, Oklahoma
51. Evans, Bernice	E	Haskell, Oklahoma
52. Ferguson, Sybil	E	McAlester, Oklahoma
53. Figures, George (NYA)	S	Tulsa, Oklahoma
54. Fisher, Lorene (NYA)	H	Boynton, Oklahoma
55. Fisher, William	A	Watonga, Oklahoma
56. Foushee, Marquette	E	Sapulpa, Oklahoma
57. Franklin, William (NYA)	I	Idabel, Oklahoma
58. Garrett, Mary F. (NYA)	H	Arcadia, Oklahoma
59. Gates, Ralph	S	Chandler, Oklahoma
60. George, Hazel	S	Boley, Oklahoma
61. Gholson, Zarah	E	Idabel, Oklahoma
62. Grey, Raymond	S	Sapulpa, Oklahoma
63. Halstied, Sileatha	E	Marietta, Oklahoma
64. Hamilton, Geneva	H	Red Bird, Oklahoma
65. Hamilton, Odessa	H	Red Bird, Oklahoma
66. Hamilton, Robert	S	Hennessey, Oklahoma
67. Hampton, Levada	E	Binger, Oklahoma
68. Harris, Dave	I	Boley, Oklahoma
69. Harirs, Earl (NYA)	I	Oklahoma City, Oklahoma
70. Harris, Leroy (NYA)	S	Oktaha, Oklahoma
71. Harris, Lester	S	Boynton, Oklahoma
72. Herndon, Annie S.	E	Broken Bow, Oklahoma
73. Hicks, Annie Mae ((NYA)	S	Chickasha, Oklahoma
74. Hicks, Gladys	H	Calumet, Oklahoma
75. Holmes, Alice	S	Wewoka, Oklahoma
76. Holmes, Robbia	S	Oklahoma City, Oklahoma
77. Hopkins, Francis (NYA)	A	Colbert, Oklahoma
78. Hughes, Jessie M.	E	Rentiesville, Oklahoma
79. House, Roger	S	McAlester, Oklahoma
80. Huff, Marian	I	Shawnee, Oklahoma
81. Irving, Irene	S	Oklahoma City, Oklahoma
82. Isaac, James	S	Oklahoma City, Oklahoma
83. Jackson, A. D.	I	Wewoka, Oklahoma
84. Jackson, Barbara	S	McAlester, Oklahoma
85. Jackson, Mary (NYA)	S	Marietta, Oklahoma

86.	Jackson, Harold	A	Chickasha, Oklahoma
87.	Jackson, Ludora	H	Red Bird, Oklahoma
88.	Jackson, Oletha	H	Binger, Oklahoma
89.	James, Jessye	I	Oklahoma City, Oklahoma
90.	James, Hardy	A	Davis, Oklahoma
91.	James, Nadine	S	Ardmore, Oklahoma
92.	Johnson, Robert	I	Ardmore, Oklahoma
93.	Johnson, Wayman,	I	Wewoka, Oklahoma
94.	Jones, Clem	I	Luther, Oklahoma
95.	Jones, Jack E.	S	Lawton, Oklahoma
96.	Jones, Marcellus	S	Perkins, Oklahoma
97.	Justice, Jacquelyn	E	Claremore, Oklahoma
98.	Kelly, Ernie	S	Oklahoma City, Oklahoma
99.	Kernal, Sidney	I	Guthrie, Oklahoma
100.	Keys, Camella	H	Oklahoma City, Oklahoma
101.	Keys, Geneva	S	Oklahoma City, Oklahoma
102.	Kimmons, Julian	A	Fort Worth, Texas
103.	King, Jewel	H	Kingfisher, Oklahoma
104.	King, Jimmie K.	S	Dallas, Texas
105.	Kircum, Clovease	H	Haskell, Oklahoma
106.	Knighten, Charlene	S	Sapulpa, Oklahoma
107.	Kyle, Artimease (NYA)	S	Tulsa, Oklahoma
108.	Lee, R. E. Herman	S	Wichita Falls, Texas
109.	Levingston, John	S	Fort Worth, Texas
110.	Lewis, David	I	Langston, Oklahoma
111.	Lewis, Earl	I	Oklahoma City, Oklahoma
112.	Longacre, Cecil	E	Platter, Oklahoma
113.	Lyle, Lafayette (NYA)	S	Holdenville, Oklahoma
114.	Mack, Wilbur (NYA)	A	Seward, Oklahoma
115.	Mangram, Annie R. (NYA)	S	Dallas, Texas
116.	Mann, Jewel	S	Minneapolis, Minnesota
117.	Menser, Charles	S	Boley, Oklahoma
118.	Menser, Gladys	S	Boley, Oklahoma
119.	Mewborne, Cavannah	S	El Reno, Oklahoma
120.	Miller, Agatha	H	Coalgate, Oklahoma
121.	Miller, Agnes	S	Coalgate, Oklahoma
122.	Milligan, Henry	A	Okmulgee, Oklahoma
123.	Mondine, Jesse (NYA)	A	Meridian, Oklahoma
124.	Monroe, Benjamin (NYA)	A	Coalgate, Oklahoma
125.	Moon, Warren	S	Guthrie, Oklahoma
126.	Moore, Marguerite	S	Okmulgee, Oklahoma
127.	Moore, Maria T.	S	Wewoka, Oklahoma
128.	Murray, Elaine	S	Philadelphia, Pennsylvania
129.	McCarty, Kaiser	I	Ardmore, Oklahoma
130.	McClung, Major	S	Tulsa, Oklahoma



131.	McConnell, Mae Dee	H	Tulsa, Oklahoma
132.	McCormick, Herbert	I	Taft, Oklahoma
133.	McGee, Queen E.	S	Chicago, Illinois
134.	McNamee, Geneva	S	Dewey, Oklahoma
135.	McNeal, Ruby	H	Perry, Oklahoma
136.	Nash, Thomas	S	Muskogee, Oklahoma
137.	Neal, Harold	S	Chandler, Oklahoma
138.	Nelson, Melo D.	H	Geary, Oklahoma
139.	Nichols, Herman	S	Oklahoma City, Oklahoma
140.	Nicholson, Sullivan	I	Geary, Oklahoma
141.	Owens, Allazean	H	Tulsa, Oklahoma
142.	Paraham, Doretha	E	Muskogee, Oklahoma
143.	Parker, Jewel T.	S	Spiro, Oklahoma
144.	Parker, Willie B.	A	Eagleton, Oklahoma
145.	Patton, Mary E.	E	LuLther, Oklahoma
146.	Pearson, George ((NYA)	S	McAlester, Oklahoma
147.	Pierce, Mildred	E	Paris, Texas
148.	Pierce, Roger (NYA)	S	Tulsa, Oklahoma
149.	Pleasant, John (NYA)	I	Oklahoma City, Oklahoma
150.	Pope, Naomi	S	Checotah, Oklahoma
151.	Prince, Janie	H	Red Bird, Oklahoma
152.	Quinn, Gloria	S	Tulsa, Oklahoma
153.	Ralls, Leonard (NYA)	I	Oklahoma City, Oklahoma
154.	Randle, Lulu M.	S	Fort Worth, Texas
155.	Redmon, Maxine	S	Kingfisher, Oklahoma
156.	Reed, Leon (NYA)	I	Tulsa, Oklahoma
157.	Richardson, Geo. (NYA)	A	Idabel, Oklahoma
158.	Richardson, Mable	S	Tulsa, Oklahoma
159.	Roberts, Gladys F.	S	El Reno, Oklahoma
160.	Robinson, Ollie (NYA)	H	Boley, Oklahoma
161.	Rogers, Franklin	I	Goodnight, Oklahoma
162.	Ross, John	I	Tahlequah, Oklahoma
163.	Russell, Beverly (NYA)	I	Okmulgee, Oklahoma
164.	Ryan, Marilyn	H	Vinita, Oklahoma
165.	Sallis, Evelyn	E	Fort Gibson, Oklahoma
166.	Sharpe, Garland	I	Vinita, Oklahoma
167.	Simmons, Delphia (NYA)	S	Tulsa, Oklahoma
168.	Simmons, Ruth	E	Fort Worth, Texas
169.	Simpson, Johnetta	S	Langston, Oklahoma
170.	Smith, Allen (NYA)	I	Hartshorne, Oklahoma
171.	Smith, Loweta	E	Okmulgee, Oklahoma
172.	Smith, Maude	S	McAlester, Oklahoma
173.	Smith, McCail	S	El Reno, Oklahoma
174.	Smith, Opal	S	Jones, Oklahoma
175.	Speed, Hester	H	Alderson, Oklahoma

176.	Spencer, Lamounia	E	Evanston, Illinois
177.	Stand ford, Maxine	S	Sapulpa, Oklahoma
178.	Starks, James	S	Langston, Oklahoma
179.	Stewart, Daniel	S	Ponca Cty, Oklahoma
180.	Street, Mary Ellen	S	Tulsa, Oklahoma
181.	Stroud, William (NYA)	S	Centralia, Oklahoma
182.	Sullivan, Inman	S	Tulsa, Oklahoma
183.	Suttle, Doris	E	Ccyle, Oklahoma
184.	Sylvan, Israel	S	Beggs, Oklahoma
185.	Tate, Ive (NYA)	I	Tulsa, Oklahoma
186.	Taylor, Lola M.	S	Chickasha, Oklahoma
187.	Tease, Ethel	E	Boley, Oklahoma
188.	Thomas, Humphrey	I	Muskogee, Oklahoma
189.	Thompson, Esther	H	Arcadia, Oklahoma
190.	Thcrnton, Charlene	H	Pratt, Kansas
191.	Tucker, Clara O.	S	Haskell, Oklahoma
192.	Tyeska, Bernice	E	Tahlequah, Oklahoma
193.	Walker, Aurora	S	Fallis, Oklahoma
194.	Wallace, Elza	I	Drumright, Oklahoma
195.	Warren, Lloyd (NYA)	S	Kingfisher, Oklahoma
196.	Washington, Theodore	S	Bristow, Oklahoma
197.	Waterford, Lois J..	E	Oklahoma City, Oklahoma
198.	Watkins, Tommie	S	Oklahoma City, Oklahoma
100.	Weston, Edna	E	Bristow, Oklahoma
200.	Whited, Edna M. (NYA)	E	Rentiesville, Oklahoma
201.	Whitfield, Bailey	E	Sasakawa, Oklahoma
202.	Williams, Ennis	S	Duncan, Oklahoma
203.	Williams, Eva	H	Ashdown, Oklahoma
204.	Williams, Fannie	H	Broken Bow, Oklahoma
205.	Williams, Isaac	I	Tulsa, Oklahoma
206.	Williams, Robert	S	Frederick, Oklahoma
207.	Wilson, Enolia	E	Soper, Oklahoma
208.	Woodmore, Lorene	E	Kinta, Oklahoma
209.	Worley, Juanita	H	Duncan, Oklahoma
210.	Wright, Council	S	Muskogee, Oklahoma
211.	Wytch, Cleora (NYA)	E	Fort Gibson, Oklahoma
212.	Yeldell, Willie	S	Stroud, Oklahoma

## STUDENT ROSTER

## JUNIORS

	NAME	DEPT.	CITY AND STATE
1.	Adams, Arnette	S	Ardmore, Oklahoma
2.	Adams, Florence	S	Bartlesville, Oklahoma
3.	Agee, Zera (NYA)	I	Okmulgee, Oklahoma
4.	Alexander, Ben	S	Evanston, Illinois
5.	Alford, Booker T.	I	Clearvitw, Oklahoma
6.	Alridge, Harold	I	Boley, Oklahoma
7.	Anderson, Jessie	E	Binger, Oklahoma
8.	Anderson, Zodie (NYA)	S	Muskogee, Oklahoma
9.	Andrews, Ira	H	Kingfisher, Oklahoma
10.	Ansley, Rheba	S	Dallas, Texas
11.	Arch, Isabel	E	Oklahoma City, Oklahoma
12.	Arnold, Hattle S.	S	Frederick, Oklahoma
13.	Axel, John H.	I	Columbus, Texas
14.	Barber, Gertrude	E	Dover, Oklahoma
1	Barrett, Albert W.	I	Muskogee, Oklahoma
16.	Baucum, Willie M.	S	Anadarko, Oklahoma
17.	Belin, Sue	E	Idabel, Oklahoma
18.	Benton, Lura	H	Dallas, Texas
19.	Berry, Warren M.	I	Fort Gibson, Oklahoma
20.	Betties, Nathaniel	A	Bixby, Oklahoma
21.	Bowler, Neoneta	S	Boley, Oklahoma
22.	Boxley, Helen (NYA)	H	McAlested, Oklahoma
23.	Brock, Addie B.	E	Oklahoma City, Oklahoma
24.	Brooks, Dorothy (NYA)	H	Tulsa, Oklahoma
25.	Brooks, Ida Mae	E	Tulsa, Oklahoma
26.	Brown, Elsie	H	Oklahoma City, Oklahoma
27.	Brown, Elma	H	Boley, Oklahoma
28.	Brown, Erma	S	Haskell, Oklahoma
29.	Bruner, John	A	Wewoka, Oklahoma
30.	Bruner, Ruth	A	Boley, Oklahoma
31.	Burleigh, Mae Helen	E	Holdenville, Oklahoma
32.	Butler, George (NYA)	I	Edmond, Oklahoma
33.	Carter, Mary E.	S	Oklahoma City, Oklahoma
34.	Chaman, Melvin (NYA)	S	Tulsa, Oklahoma
35.	Clopton, Oliver	S	Luther, Oklahoma
36.	Coleman, Joe F.	A	Claremore, Oklahoma
37.	Cosey, Coletta	E	Ardmore, Oklahoma
38.	Criner, Wilma (NYA)	I	Haskell, Oklahoma
39.	Daniels, Connie	E	Idabel, Oklahoma
40.	Daniels, Inez	H	Clearview, Oklahoma

41.	Davis, Oreta	E	Okemah, Oklahoma
42.	Davison, Fred (NYA)	A	Porter, Oklahoma
43.	Demery, Lorene	E	Okmulgee, Oklahoma
44.	Dennis, Lottie	S	Sapulpa, Oklahoma
45.	Dillon, Mozeal	I	Langston, Oklahoma
46.	Ellison, Ruth	S	Guthrie, Oklahoma
47.	Evans, Gladys (NYA)	H	Okmulgee, Oklahoma
48.	Ferguson, Alfred	S	Bristow, Oklahoma
49.	Fields, Thomas	A	Taft, Oklahoma
50.	Ford, Lucille	E	Wagoner, Oklahoma
51.	Foster, Etta Louise	E	Muskogee, Oklahoma
52.	Fowler, Nathaniel (NYA)	S	Wilburton, Oklahoma
53.	Francis, Johnnie M.	H	Houston, Texas
54.	Frederick, Lelia E.	S	Cushing, Oklahoma
55.	Garrett, William	A	Chandler, Oklahoma
56.	Gilliam, Mildred	H	Oklahoma City, Oklahoma
57.	Glover, Mary	E	Webber Falls, Oklahoma
58.	Goodson, Clara	E	Boynton, Oklahoma
59.	Gray, Daphne	S	Tulsa, Oklahoma
60.	Gray, Sherman	S	Enid, Oklahoma
61.	Grayson, Corina (NYA)	H	Tulsa, Oklahoma
62.	Grayson, Reanna	E	Tulsa, Oklahoma
63.	Gresham, Juilus	S	Oklahoma City, Oklahoma
64.	Grey, Ernest	I	Lawton, Oklahoma
65.	Hardy, John	I	McAlester, Oklahoma
66.	Hatchett, James (NYA)	I	Muskogee, Oklahoma
67.	Haywood, Vera	I	Tulsa, Oklahoma
68.	Herndon, Iznola	S	Porter, Oklahoma
69.	Hemphill, Leroy	I	Drumright, Oklahoma
70.	Henderson, Clifford (NYA)	I	Chandler, Oklahoma
71.	Henry, Chapel	I	Wetumka, Oklahoma
72.	Hester, Bufford	A	Beggs, Oklahoma
73.	Hibler, Addie Lee	H	Muskogee, Oklahoma
74.	Hickman, Verma	H	Fort Worth, Texas
75.	Hicks, Joseph	S	Tulsa, Oklahoma
76.	Hildreth, Cassie	H	Oklahoma City, Oklahoma
77.	Hill, Cedar Point (NYA)	S	Tulsa, Oklahoma
78.	Hill, Melvin	A	Idabel, Oklahoma
79.	Hilliard, Anthony (NYA)	S	Hillsboro, Texas
80.	Hoard, Johnny (NYA)	I	Depew, Oklahoma
81.	Hodges, Marguerite	H	Muskogee, Oklahoma
82.	Hollis, Burnell	E	Goodland, Oklahoma
83.	Hopwood, Ezelma	H	Muskogee, Oklahoma
84.	Howell, Maxine	S	Boynton, Oklahoma
85.	Huff, Levi	S	Red Bird, Oklahoma

86.	Humphress, Zellois (NYA)	S	Chandler, Oklahoma
87.	Jackson, Mary (NYA)	H	Okmulgee, Oklahoma
88.	Jackson, Virgil	S	Duncan, Oklahoma
89.	Jenkins, Robert (NYA)	I	Guthrie, Oklahoma
90.	Johns, Erma	S	Oklahoma City, Oklahoma
91.	Johnson, Arzelia	E	Ardmore, Oklahoma
92.	Johnson, Lillie	S	Tulsa, Oklahoma
93.	Johnson, Lois Ruth	S	Langston, Oklahoma
94.	Jones, Evelyn	S	Fort Worth, Texas
96.	Jones, Jennie	S	Taft, Oklahoma
97.	Jones, Leanna	S	Bristow, Oklahoma
98.	Jones, Paul	S	Tulsa, Oklahoma
99.	Jorndon, Anderson (NYA)	S	Tulsa, Oklahoma
100.	Kidd, Katherine	S	Hillsboro, Texas
101.	King, Herschell B.	S	Orlando, Oklahoma
102.	King, Nola B.	E	Oklahoma City, Oklahoma
103.	Lanier, Mae (NYA)	S	Boley, Oklahoma
104.	Leavy, Joe (NYA)	I	Muskogee, Oklahoma
105.	Lee, Johnson (NYA)	S	Boynton, Oklahoma
106.	Logan, Margaret	E	Earleboro, Oklahoma
107.	Loggins, Daniel	E	El Reno, Oklahoma
108.	Love, Allie B.	S	Colbert, Oklahoma
109.	Lovejoy, Henry Mae	E	Langston, Oklahoma
110.	Madison, Eula (NYA)	S	Langston, Oklahoma
111.	Magnus, Robbie	S	Oklahoma City, Oklahoma
112.	Mahone, Carl	S	El Reno, Oklahoma
113.	Masters, Alfred	A	Wewoka, Oklahoma
114.	Mence, George (NYA)	S	Holdenville, Oklahoma
115.	Miller, Julia (NYA)	H	Muskogee, Oklahoma
116.	Milling, James (NYA)	S	Oklahoma City, Oklahoma
117.	Mills, Octavia	H	Lima, Oklahoma
118.	Mills, Zenobia	S	Langston, Oklahoma
119.	Moore, Curtis (NYA)	I	Hartshorne, Oklahoma
120.	Morrison, Van Clee	S	Tulsa, Oklahoma
121.	McCarrol, Ruth (NYA)	H	Marietta, Oklahoma
122.	McConnell, Elmer (NYA)	A	Tatums, Oklahoma
123.	McIntosh, Katherine	H	Tulsa, Oklahoma
124.	McKee, Vernice	H	Tulsa, Oklahoma
125.	McKenzie, Mable	H	Langston, Oklahoma
126.	McNairy, Oscar	S	Okmulgee, Oklahoma
127.	Nash, Carrie (NYA)	E	Fort Gibson, Oklahoma
128.	Nash, Theola (NYA)	I	Okmulgee, Oklahoma
129.	Neal, Allen (NYA)	S	Chandler, Oklahoma
130.	Nelson, John (NYA)	I	Hugo, Oklahoma
131.	Noble, Beatrice	H	Taft, Oklahoma



132.	Osborn, Primus (NYA)	I	Clearview, Oklahoma
133.	Payne, Opal (NYA)	S	Lima, Oklahoma
134.	Perkins, Helen	I	Coalgate, Oklahoma
135.	Petree, Francis	A	Haskell, Oklahoma
136.	Pettus, James	S	Geary, Oklahoma
137.	Phillips, Joy H.	H	Dover, Oklahoma
138.	Phillips, Olive	S	Dover, Oklahoma
139.	Phillips, Olla	E	Muskogee, Oklahoma
140.	Phillips, Victor (NYA)	A	Dover, Oklahoma
142.	Pittman, Nellie Loretta	S	Oklahoma City, Oklahoma
142.	Polk, Delores J.	S	Muskogee, Oklahoma
143.	Pope, Mary Anner	E	Checotah, Oklahoma
144.	Powell, Vernice	E	Beggs, Oklahoma
145.	Presley, Levi	S	Eufaula, Oklahoma
146.	Pulliam, Celia Mae	S	Oklahoma City, Oklahoma
147.	Raigans, Mary	E	Guthrie, Oklahoma
148.	148. Randle, Beatrice	S	Colbert, Oklahoma
149.	Riley, Ruth	S	LoLs Angeles, California
150.	Robinson Lillian (NYA)	S	Rentiesville, Oklahoma
151.	Rowe, Dazetta	H	Okmulgee, Oklahoma
152.	Rucker, Merle	A	Fort Gibson, Oklahoma
153.	Sancho, Eva Inez	S	Wewoka, Oklahoma
154.	Scott, Velma Lee (NYA)	E	Kansas City, Missouri
155.	Shaw, Clarence	S	Anadarko, Oklahoma
156.	Sims, Mildred	S	Oklahoma City, Oklahoma
157.	Slaton, Callie	S	Anadarko, Oklahoma
158.	Smith, Granville (NYA)	S	Tulsa, Oklahoma
159.	Smilh, John H. (NYA)	I	Tulsa, Oklahoma
160.	Smitherman, William	S	Fort Worth, Texas
161.	Sneed, David	S	Sapulpa, Oklahoma
162.	Sneed, Sherman	S	Oklahoma City, Oklahoma
163.	Snoddy, Julia	H	Haskell, Oklahoma
164.	Spears, Basil Etta	S	Tulsa, Oklahoma
165.	Standford, Katie B.	H	Ardmore, Oklahoma
166.	Stewart, Neal	S	Wewoka, Oklahoma
167.	Stokes, Elva	S	Muskogee, Oklahoma
168.	Stone, Fred	A	Houston, Texas
169.	Sudduth, John (NYA)	S	Tulsa, Oklahoma
170.	Tabb, Margaret	E	Wichita Falls, Texas
171.	Talton, Philander (NYA)	A	Clearview, Oklahoma
172.	Thompson, James	S	Arcadia, Oklahoma
173.	Thompson, Nora Lee	E	Langston, Oklahoma
174.	Thompson, Rosalee	S	Sapulpa, Oklahoma
175.	Twine, S. M. Jr.	S	Nowata, Oklahoma
176.	Vaden, Robert	I	Texarkana, Arkansas

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177.	Vaughn, Hamilton	S	Fort Gibson, Oklahoma
178.	Walker, Odell	E	Idabel, Oklahoma
179.	Wallace, Clyde	I	Vinita, Oklahoma
180.	Wallace, Jonathan	S	Fort Worth, Texas
181.	Ward, Delores	E	Okmulgee, Oklahoma
182.	Ward, Pauline	E	Bristow, Oklahoma
183.	Washington, John	S	Seminole, Oklahoma
184.	Washington, James	I	Muskogee, Oklahoma
185.	Watson, George	I	Watonga, Oklahoma
186.	Weaver, Jimmie (NYA)	H	McAlester, Oklahoma
187.	Wells, Captoria	H	Taft, Oklahoma
188.	Wesley, John D.	S	Fort Worth, Texas
189.	White, Annie Dell	E	Idabel, Oklahoma
190.	Whited, Burley (NYA)	A	Rentiesville, Oklahoma
191.	Williams, Oscar	S	Arcadia, Oklahoma
192.	Williams, Tommie	I	Ashtown, Oklahoma
193.	Wilson, Robert	A	Bristow, Oklahoma
194.	Withers, Tom	A	Cushing, Oklahoma
195.	Wofford, Edna	H	Muskogee, Oklahoma
196.	Woods, Clinton B.	S	Big Stone Hop, Virginia
197.	Young, Sie Jr.	I	Shawnee, Oklahoma

## STUDENT ROSTER

## SENIORS

	NAME	DEPT.	CITY AND STATE
1.	Allen Arelia	H	Oklahoma City, Oklahoma
2.	Alrid, Columbus	I	Fort Gibson, Oklahoma
3.	Anderson, Eugene	A	Binger, Oklahoma
4.	Ashley, Thomas	S	Boley, Oklahoma
5.	Austin, Sylvia L.	S	Ponca City, Oklahoma
6.	Avery, Garnett T. (NYA)	S	Boley, Oklahoma
7.	Ballard, James F.	I	Fort Gibson, Oklahoma
8.	Banks, Leodus	A	Boley, Oklahoma
9.	Barr, Sadie	E	Idabel, Oklahoma
10.	Beatty, Lillian J.	E	Okmulgee, Oklahoma
11.	Beaver, Bettye J.	S	Oklahoma City, Oklahoma
12.	Bennett, Clara	H	Houston, Texas
13.	Blye, Elise	S	Vinita, Oklahoma
14.	Bolden, Cora P. ((NYA)	E	Fort Worth, Texas
15.	Bolden, Vernon	S	Standford, Texas
16.	Boxley, Wilma (NYA)	H	McAlester, Oklahoma
17.	Bradford, N. Marguerite	H	Oklahoma City, Oklahoma
18.	Brooks, Odie V.	S	Langston, Oklahoma
19.	Bruner, George	A	Wewoka, Oklahoma
20.	Bunn, Mary Ellis	S	Oklahoma City, Oklahoma
21.	Bunn, Mentoria	S	Oklahoma City, Oklahoma
22.	Burr, Rosa	H	Taft, Oklahoma
23.	Burton, Lucille (NYA)	S	Okmulgee, Oklahoma
24.	Caldwell, Beatrice (NYA)	I	Tulsa, Oklahoma
25.	Chatham, Frank Henry	H	Denver, Colorado
26.	Cheatham, Edward	S	Texarkana, Texas
27.	Chenault, Birdie E.	E	Guthrie, Oklahoma
28.	Chenault, Sadie	E	Guthrie, Oklahoma
29.	Chenault, Stella	E	Guthrie, Oklahoma
30.	Childs, Frank	S	Langston, Oklahoma
31.	Colbert, Marie,	S	Colbert, Oklahoma
32.	Cole, Versie B.	S	Idabel, Oklahoma
33.	Conner, Ida Mae	S	Port Arthur, Texas
34.	Cooley, Elizabeth	H	Wagoner, Oklahoma
35.	Cooper, Helen	S	Langston, Oklahoma
36.	Cooper, Murzell	E	Langston, Oklahoma
37.	Copeland, Barbara	S	Stillwater, Oklahoma
38.	Cox, Lucy LEE	E	Crescent, Oklahoma
39.	Crawford, Georgie	E	Boley, Oklahoma
40.	Crossley, Mazola	S	Stillwater, Oklahoma

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| 41. Curl, Willie J.       | S Taft, Oklahoma          |
| 42. Dade, Berthe          | E Muskogee, Oklahoma      |
| 43. Daniels, Ruth         | E Tulsa, Oklahoma         |
| 44. Dansby, Leonard       | S Tulsa, Oklahoma         |
| 45. Davis, Cordie         | A Langston, Oklahoma      |
| 46. Dedmon, La Rue        | S Hugo, Oklahoma          |
| 47. Delaney, Cazie        | E Wewoka, Oklahoma        |
| 48. Dctson, James         | S Tulsa, Oklahoma         |
| 49. Douglass, Irving      | I Hubbard, Texas          |
| 50. Douglass, James       | S Hoffman, Oklahoma       |
| 51. Dubose, Nelson (NYA)  | A Boley, Oklahoma         |
| 52. Dulan, Allene         | H Luther, Oklahoma        |
| 53. Dulan, Narva (NYA)    | I Luther, Oklahoma        |
| 54. Dunn, Joan M.         | E Lawton, Oklahoma        |
| 55. English, Thomas       | A Cushing, Oklahoma       |
| 56. Evans, Irving         | I Guthrie, Oklahoma       |
| 57. Evans, Wylene         | S Oklahoma City, Oklahoma |
| 58. Factory, Fred (NYA)   | A McAlester, Oklahoma     |
| 59. Ferguson, Sarah B.    | H Oklahoma City, Oklahoma |
| 60. Fischer, Helen        | S Kingsville, Texas       |
| 61. Flinn, Juanita        | S Oklahoma City, Oklahoma |
| 62. Franklin, Grant       | S Penca City, Oklahoma    |
| 63. Franklin, James       | I Idabel, Oklahoma        |
| 64. Franks, Dollie Mae    | E Ardmore, Oklahoma       |
| 65. Freeman, Elnora       | S Oklahoma City, Oklahoma |
| 66. Gamble, Nannye M.     | H Tulsa, Oklahoma         |
| 67. Gambol, Heywood (NYA) | A Watonga, Oklahoma       |
| 68. Gambol, Onie M.       | E Idabel, Oklahoma        |
| 69. Garrett, Fannie       | H Chandler, Oklahoma      |
| 70. Gilmore, Esther (NYA) | S Muskogee, Oklahoma      |
| 71. Gilyard, Earl         | A Muskogee, Oklahoma      |
| 72. Golden, Essie (WPA)   | S Taft, Oklahoma          |
| 73. Gray, Helen           | H Tulsa, Oklahoma         |
| 74. Gray, Roy             | I Tulsa, Oklahoma         |
| 75. Grey, Wendell         | S Sapulpa, Oklahoma       |
| 76. Gross, Coleridge      | S Lima, Oklahoma          |
| 77. Guess, Bernice        | E Okmulgee, Oklahoma      |
| 78. Guess, Pius           | A Okmulgee, Oklahoma      |
| 79. Hadley, Pearl         | S Tulsa, Oklahoma         |
| 80. Hall, Bertram,        | S El Reno, Oklahoma       |
| 81. Hanna, Lorene         | E Ardmore, Oklahoma       |
| 82. Hart, Albert          | A Berkely, California     |
| 83. Harvey, Ora Lee       | E Bartlesville, Oklahoma  |
| 84. Hawkins, Dorothy      | S Okmulgee, Oklahoma      |
| 85. Hendricks, Leona      | S Chickasha, Oklahoma     |

86. Hester, Johnnie (NYA)	S	Guthrie, Oklahoma
87. Hibler, Herbert	I	Fay, Oklahoma
88. Himes, Leslie	I	Bristow, Oklahoma
89. Hines, Ralph	S	Denver, Colorado
90. Hodges, Blossom	S	Taft, Oklahoma
91. Hopson, Eugenia	S	Holdenville, Oklahoma
92. Hudson, Camille	E	Purcell, Oklahoma
93. Humphrie, Willie	E	Langston, Oklahoma
94. Jackson, F. L. Charlotte	H	Clearview, Oklahoma
95. Jackson, Isaac	S	Oktaha, Oklahoma
96. Jackson, Thelma	H	Wetumka, Oklahoma
97. Jackson, Vanhook		Haskell, Oklahoma
98. Johnson, Cenora	S	Oklahoma City, Oklahoma
99. Johnson, Clara	E	Haskell, Oklahoma
100. Johnson, Rufus	I	Tulsa, Oklahoma
101. Jones, Charles	S	Natchez, Mississippi
102. Jones, Emma T.	E	Staunton, West Virginia
103. Jones, Leona	E	Tulsa, Oklahoma
104. Jones, Lincoln	A	Rentiesville, Oklahoma
105. Jones, Schofield	S	Okmulgee, Oklahoma
106. Jones, Thelma	S	Wetumka, Oklahoma
107. Jordon, Parthenia	S	Langston, Oklahoma
108. Julks, Cleophus	S	Muskogee, Oklahoma
109. Kelly, Goldie	H	Wagoner, Oklahoma
110. Kennedy, Portia	H	Waukomis, Oklahoma
111. Kenny, Louis S.	S	Joliet, Illinois
112. Kinslow, Lucille	H	Langston, Oklahoma
113. Kornegay, Francine	S	Oklahoma City, Oklahoma
114. La Chapelle, Eula Mae	S	Beggs, Oklahoma
115. La Chapelle, Ruth W.	S	Beggs, Oklahoma
116. Lackey, Wynola	H	Ardmore, Oklahoma
117. Lee, Viola	S	Muskogee, Oklahoma
118. Lewis, Nannie C.	S	Oklahoma City, Oklahoma
119. Lewis, Nellie O.	S	Tulsa, Oklahoma
120. Liggins, Doretha	S	Oklahoma City, Oklahoma
121. Lilly, Orililyan	S	Ardmore, Oklahoma
122. Love, Marshall	S	Kansas City, Missouri
123. Love, Willa M.	S	Colbert, Oklahoma
124. Madden, Ellen	E	Goodnight, Oklahoma
125. Marchman, Charles	A	Geary, Oklahoma
126. Maxie, Jewel	S	McAlester, Oklahoma
127. Medlock, Prentice	S	Coffeyville, Kansas
128. Milow, Naomi	S	Oklahoma City, Oklahoma
129. Minfield, Annaloman (NYA)	E	Kingfisher, Oklahoma
130. Mitchell, Emma J.	E	Morris, Oklahoma



131. Mitchell, Rosa	H ViVnita, Oklahoma
132. Moon, Alice	S Guthrie, Oklahoma
133. Moore, Electa	S Ardmore, Oklahoma
134. Moore, Virginia D.	E Sapulpa, Oklahoma
135. Mosley, Irene	S Wagoner, Oklahoma
1366. Mott, Hazel (NYA)	H Okmulgee, Oklahoma
137. Murdock, Earnest	A Baynton, Oklahoma
138. Murray, Andrew (NYA)	A Wewoka, Oklahoma
139. McAdams, Juanita	E Oklahoma City, Oklahoma
140. McCary, Henry	S Chickasha, Oklahoma
141. McGee, Mae	H Chicago, Illinois
142. McGee, Theresa	S Bristow, Oklahoma
143. McGinnis, Faythe	A Muskogee, Oklahoma
144. McIntosh, Theodus	S Muskogee, Oklahoma
145. McIntyre, Odessa	E Muskogee, Oklahoma
146. McKenzie, Alonzo (NYA)	S Langston, Oklahoma
147. McKinney, Wilson	A Cushing, Oklahoma
148. Nails, Cecelia (NYA)	S Tulsa, Oklahoma
149. Nave, Mary Ellen	E Bartlesville, Oklahoma
150. Neal, King	I Coyle, Oklahoma
151. Osborn, Jeanette	E Eufaula, Oklahoma
152. Patterson, Dorothy	S Hennessey, Oklahoma
153. Paul, Althea,	S Langston, Oklahoma
154. Peevy, Ben	A Bristow, Oklahoma
155. Jettie, Virgie	E El Reno, Oklahoma
156. Petties, Odessa Mae	H Perkins, Oklahoma
157. Polk, Annie Mae	S Port Arthur, Texas
158. Pryor, Wedington	S Beggs, Oklahoma
159. Reece, Leola (NYA)	H McAlester, Oklahoma
160. Reece, Mary E.	E Muskogee, Oklahoma
161. Reed, Loretta	S Muskogee, Oklahoma
162. Reese, Cazine	S Guthrie, Oklahoma
163. Reynolds, Ruby	E Weleetka, Oklahoma
164. Richard, Betty W.	E Wewoka, Oklahoma
165. Riley, Evelyn	E Pawnee, Oklahoma
166. Rogers, Lewis	A Morris, Oklahoma
167. Rogers, Mable	E Morris, Oklahoma
168. Rushing, Jerry (NYA)	S Bibsland, Louisiana
169. Ryan, Cecil	I Vinita, Oklahoma
170. Ryan, Laura E.	H Vinita, Oklahoma
171. Sanders, Sara	E Langston, Oklahoma
172. Scott, David	S Hinchley, Illinois
173. Scott, Eugene	I McAlester, Oklahoma
174. Scott, La Verne	E Langston, Oklahoma
175. Scott, Velma	H Wetumka, Oklahoma

176.	Shawnee, Anna Bee Sr.	S	Hennessey, Oklahoma
177.	Sherman, Clemenza	E	Chickasha, Oklahoma
178.	Slaughter, Willa Mae	H	Muskogee, Oklahoma
179.	Sloss, Curley	I	Tulsa, Oklahoma
180.	Smallwood, Dorothy (NYA)	S	Oklahoma City, Oklahoma
181.	Smith, Dorothy	E	Kingfisher, Oklahoma
182.	Smith, Edna Lee (NYA)	E	Tulsa, Oklahoma
183.	Smith, Eura Lee	E	Oklahoma City, Oklahoma
184.	Smith, Mary	E	Wynnewood, Oklahoma
185.	Snoddy, Percy	A	Haskell, Oklahoma
186.	Spagner, Juanita	H	Idabel, Oklahoma
187.	Street, Prince	I	Tulsa, Oklahoma
188.	Stripling, Nadine	S	Wetumka, Oklahoma
189.	Summers, Willie (NYA)	S	Kansas City, Kansas
190.	Swain, Frank	A	McAlester, Oklahoma
191.	Sypert Frank	A	Tecumseh, Oklahoma a
192.	Taylor, Alphonzo	S	Holdenville, Oklahoma
193.	Taylor, Rozenia	S	Muskogee, Oklahoma
194.	Taylor, S. Gus (NYA)	I	Muskogee, Oklahoma
195.	Telford, Emma J.	E	Kingfisher, Oklahoma
196.	Telford, Mack Lee	E	Kingfisher, Oklahoma
197.	Thomas, Kenneth (NYA)	A	Taft, Oklahoma
198.	Trout, Nola Mae	S	Haskell, Oklahoma
199.	Vaughn, Chauncy (NYA)	A	Fort Gibson, Oklahoma
200.	Wallace, Odessa	E	Castle, Oklahoma
201.	Wallace, Vera	E	Winfield, Kansas
202.	Washington, Clematine	E	Bristow, Oklahoma
203.	Watkins, Hugh	S	Plano, Texas
204.	Watson, Margaret	S	Fort Worth, Texas
205.	Webster, Alberta	E	Muskogee, Oklahoma
206.	Welch, Jimmie	S	Hillsboro, Texas
207.	White, Mattie B.	E	Crescent, Oklahoma
208.	White, Noneta	E	Boley, Oklahoma
209.	Whited, Tommie (NYA)	A	Rentiesville, Oklahoma
210.	Wicks, Ethel	E	Langston, Oklahoma
211.	Wilburn, Agatha (NYA)	H	Tulsa, Oklahoma
212.	Williams, Christine (NYA)	H	Dover, Oklahoma
213.	Williams, Frenchie	H	Haskell, Oklahoma
214.	Woodard, Dollie	H	Chandler, Oklahoma
215.	Wynn, Daniel (NYA)	S	Taft, Oklahoma

**SPECIALS**

NAME	DEPT.	CITY AND STATE
1. Andrews, Arthuryne	S	Indianapolis, Indiana
2. Berry, Josie Craig	E	Oklahoma City, Oklahoma
3. Brown, Mabel E.	S	Oklahoma City, Oklahoma
4. Brown, Tennie G.	S	Oklahoma City, Oklahoma
5. Cox, Cortez	S	Spiro, Oklahoma
6. Davis, Constance	S	Institute, West Virginia
7. Ellis, Roberta	S	Chandler, Oklahoma
8. Homsley, Alice	E	Earlsboro Oklahoma
9. Hunter, Beulah	E	Oklahoma City, Oklahoma
10. Johnson, Osie	S	Oklahoma City, Oklahoma
11. Powell, May Ruth	E	Guthrie, Oklahoma
12. Ryan, David	S	Vinita, Oklahoma