

1929

## Langston University Catalog 1929-1930

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*Colored Agricultural and Normal*  
**UNIVERSITY BULLETIN**

Vol. VII.

JUNE, 1930

No. 4

*Catalogue Edition*  
1929-30



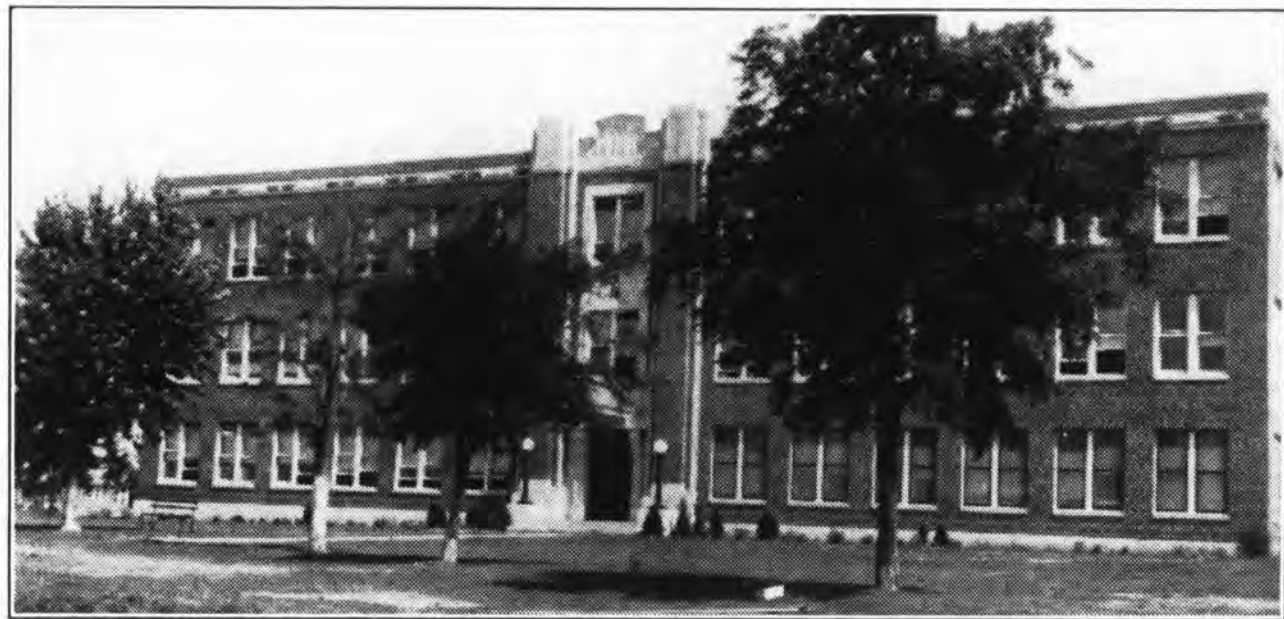
LANGSTON, OKLAHOMA

ANNOUNCEMENTS

1930-31

Entered as second class matter at the Post Office at Langston, under  
the Act of March 3, 1879.

OKLAHOMA PRINTING CO., GUTHRIE, OKLA.



NEW SCIENCE-ADMINISTRATION BUILDING

## EDUCATIONAL DIRECTORY

HIS EXCELLENCY, WILLIAM H. HOLLOWAY .....Governor  
JOHN S. VAUGHAN .....State Superintendent, Public Instruction  
GEORGE C. WELLS .....Secretary, State Board of Education

### The Board of Regents

JOHN S. VAUGHAN, Chairman .....Oklahoma City  
E. M. CASTLEBERRY .....Edmond  
E. A. DUKE, Secretary .....Oklahoma City  
G. B. DUNLAP .....Chickasha  
T. H. HARMAN .....Guthrie

### Board of Vocational Education

FLORENCE NEFF .....Secretary  
E. B. NELMS .....Agricultural Education  
KATE S. NORTH .....Home Economics Education  
SCOTT J. MCGINNIS .....Trades and Industrial Education  
A. H. ABBOTT .....Rehabilitation

### State Rural Schools

E. A. DUKE .....Rural School Supervisor  
HASKELL PRUITT .....Rural School Supervisor  
NELL M. HUNT, .....Rural School Supervisor  
A. E. RILING .....Rural School Supervisor

### High School Inspectors

J. ANDREW HOLLEY .....Oklahoma City  
E. E. HALLEY .....Oklahoma City  
E. L. MORRISON .....Oklahoma City  
VOYLE C. SCURLOCK .....Oklahoma City

## CALENDAR

September 5,	Registration
September 8,	Classes Begin
September 13,	Reception to New Students
November 11, 12, 14,	Registration for Second Quarter
November 26 and 28,	Examinations for First Quarter
November 27,	Holiday
December 1,	Second Quarter Begins
December 20	Christmas Recess Begins
December 29,	All Classes Begin
January 15, 16,	High School examinations
January 19,	Second Semester Begins
February 9, 10, 11,	Registration Third Quarter begins
February 27, 28,	Examinations for Second Quarter
March 2,	Third Quarter Begins
March 12,	Founders' Day
March 13,	Dramatic Union Day
April 10,	Intercollegiate Debate
May 1,	College Day
May 4,	Fine Arts Recital
May 17,	Baccalaureate Sermon
May 22,	Commencement
May 22, 23,	Examination for Third Quarter
May 23,	Third Quarter Ends
May 30,	Summer School Opens
June 1,	All Classes Begin
July 4,	Holiday
July 11,	First Summer Term Ends (6 weeks
August 1,	Summer School Closes

## FACULTY

### ADMINISTRATION AND INSTRUCTION

#### HUBERT, ZACHARY T., PRESIDENT

A. B. Morehouse College, 1901; B. S., Massachusetts Agricultural College, 1904; B. Sc., Boston University, 1904; A. M. Morehouse College, 1912; Graduate Student, University of Minnesota, 1923; Professor of Science and Agriculture, Florida A. & M. College, 1904-1906; Professor of Chemistry, Morehouse College, 1910; President, Jackson College, 1911-1927; President, C. A. & N. University, 1927—

#### ANDERSON, WILLIAM E., ACTING DEAN AND PROFESSOR OF ENGLISH.

A. B., Morehouse College, 1921; Student, University of Chicago, 1924; Graduate Student, University of Kansas, 1926; Graduate student, University of Chicago, 1928-29; Professor of History, Florida A. & M. College, 1922-13; History and Modern Language, 1923-24; C. A. N. University; English, 1924-28; English and Registrar, 1928-29; Acting Dean, 1929—

#### BATCHLOR, C. DEWEY, REGISTRAR AND PROFESSOR OF ENGLISH

B. S. Bishop College, 1921; Student, Washburn College, 1926; Dean of Academic Division, Kansas Vocational School, Topeka, Kansas, 1925-27; Professor of English, A. & N. University, 1929—Registrar 1929-30.

#### BEASLEY, HENRIETTA, LIBRARIAN AND LIBRARY SCIENCE

A. B., Wiley College, 1925; Student Library Science, General Education Board Scholarship, Hampton Institute, 1926-1927; Librarian, C. A. & N. University, 1925-26; Librarian and Professor of Library Science, 1927—

#### BAKER, ELLA P., EXTENSION DEPARTMENT

A. B. Spelman College, 1903; R. N. State of Texas, 1923; R. N. State of Oklahoma, 1927.

#### GOODEN, RHODIE, SECRETARY TO REGISTRAR

Diploma, C. A. & N. University; Student, Iowa University, 1928; Secretary to Registrar, C. A. & N. University 1927; On leave of absence, 1929-1930.

#### TILLY, EULA A., BOOKKEEPER AND FINANCIAL SECRETARY

Diploma, Wilberforce University; Registrar, C. A. & N. University, 1923-28; Financial Secretary, 1929—



INSTRUCTION\*

**ALEXANDER, F. OCTAVIA, DIRECTOR OF ELEMENTARY TEACHER TRAINING**

A. B. Hunter College; B. S. in Education, Hampton, 1925; Instructor in Jackson College, 1919-1929; Professor, C. A. & N. University, 1929—

**AMERSON, A. WAYNE, EDUCATION**

B. S. Education, Prairie View College; Graduate Student, University of Arizona. Professor of Education, Agricultural & Normal University, 1929—

**ANDERSON, THELMA HILL, PSYCHOLOGY**

B. S., Education, C. A. & N. University, 1925; M. S. Education, University of Kansas, 1926; Instructor in Music, Florida A. & M. College, 1922-23; Assistant Professor of Education, 1926-27, C. A. & N. University; Professor of Psychology, 1927—

**BELL, WILLIAM H., SOCIAL SCIENCES**

A. B., Rust College, 1923; A. M., Northwestern University, 1928; Professor of Economics and Sociology, C. A. & N. University, 1926—

**GREEN, FLOYD V., HOME ECONOMICS**

A. B. University of California, 1927; Student, University of Chicago, 1929; Instructor, Tuskegee, 1922-23; Head Department of Home Economics, Southern University, 1927-29; Agricultural and Normal University 1929-1930.

**HALEY, SIMON A., AGRICULTURE**

B. S. A., A. & T. College, 1918; U. S. Veterans' Bureau Diploma, Cornell University, 1921; Graduate Student, Student, Cornell University, 1927; Instructor in Vocational Agriculture, A. & I. State College, 1921-22; Professor of Science and Agriculture, Lane College, 1922-25; Professor of Agriculture, C. A. & N. University, 1927.

**JONES, D. COAKEN, VOCATIONAL AGRICULTURE**

B. S. in Agriculture, Hampton Institute, 1924; Professor of Vocational Agriculture, C. A. & N. University, 1925-27; Professor of Vocational Agriculture, 1928-1929. On leave of absence 1929-30.

**LEE, BENJAMIN F., MATHEMATICS**

A. B., Clark University, 1909; A. B., Harvard University, 1913, Graduate Student, University of Chicago, 1916; Professor of

\*Teachers are listed in Alphabetical Order according to Faculties.

Mathematics, Samuel Houston College, 1913-1917; Professor, Prairie View College, 1917-1923; Professor Mathematics, 1923.

**MILLER, EUGENE A., INDUSTRIAL ENGINEERING**

B. S., Engineering, Pennsylvania State College, 1922; Professor of Mathematics, V. N. & I. I., 1924; Professor of Chemistry and Physics, Tuskegee Institute, 1924-26; Director of Trades and Industries, C. A. & N. University, 1927.

**MILES, WILLIAM H., BUSINESS ADMINISTRATION**

B. S. C., University of Nebraska, 1928; Graduate Student, University of Nebraska, 1928; Professor of Business Administration, C. A. & N. University, 1928-1930.

**MOORE, EUGENE R., ANIMAL HUSBANDRY**

B. S., Animal Husbandry, Iowa State College, 1917; Graduate Student, Iowa State College, 1928; Professor of Agriculture, Jackson College, 1917-1919; Professor of Animal Husbandry, C. A. & N. University, 1928. Director Dept. Agr., 1929.

**MOORE, LEROY G., PHYSICAL SCIENCE**

A. B., Southwestern University, 1917; Graduate Student, Chicago University, 1920-21; Professor of Science, Philander Smith College, 1917-1920; A. & M. College, Pine Bluff, Ark., 1920-21; Professor of Physical Sciences, C. A. & N. University, 1925-1929. On leave of absence 1929-30.

**\*REID, THOS., JR., CHEMISTRY**

B. S., Florida A. & M. College, 1924; A. B. University of Iowa, 1928; Professor of Chemistry, Edward Waters College, 1924-26; Acting Professor and Head of Department of Science, A. & N. University, 1929-30.

**DEANE, LELIA A., ENGLISH**

A. B., C. A. & N. University, 1928; Graduate Student, Kansas University, 1929; Associate Professor of English, C. A. & N. University, 1928.

**ARMSTRONG, H. ELIZABETH, MUSIC**

New Englnd Conservatory; Los Angeles Academy of Music; National Training School, Instructor, Livingstone College; Instructor, Florida A. & M. College; Instructor, North Carolina College, Durham, N. C., Director of Music, C. A. & N. University, 1928.

**POWELL, MAYME, HOME ECONOMICS**

B. S., Hampton, 1929; Instructor, A. & N. University, 1929.

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\* Deceased.



TAYLOR, JAMES E. JR., BIOLOGY

B. S., Iowa University, 1929; Assistant Professor, Biology, A. & N. University, 1929.

WILSON, J. L., CHEMISTRY

B. S., Kansas State Agricultural College, 1923; George R. Smith College, 1923-24; Southern University, 1924-27; Western University, 1927; Jackson College, 1927-29; Agricultural and Normal University, 1929.

INSTRUCTORS

ALLEN, G. T. LAUNDERING

Instructor in Laundering, C. A. & N. University, 1922.

BACKSTROM, EMMA, HOME ECONOMICS—MATRON

Diploma, Haven Institute, 1912; Instructor, C. A. & N. University, 1927—

BROWN, EUGENE JESSE, FINE ARTS

School of Fine Arts, University of Kansas, 1916-17; Student John Herron Art Institute; 1920-21; Student Carnegie Institute of Technology, 1922-24; Student, University of Iowa, summer, 1925; University of Colorado, Summer, 1926; Instructor of Fine Arts, C. A. & N. University, 1923—

BROWN, MAUDE COX, MUSIC

A. B., Philander Smith College, 1915; Student, Oberlin College (Conservatory) 1915-1919; Student, Northwestern University (Conservatory) 1921; Student, American Conservatory of Music, 1923; Instructor in Music, New Orleans University, 1922-25; Instructor in Music, C. A. & N. University, 1928—

CHAPMAN, ALYCE G., ENGLISH

B. S., C. A. & N. University, 1928; Instructor, A. & N. U. 1929—

CODE, S. GIDDINGS, TAILORING

Certificate, Tailoring, Kansas Vocational School; Instructor in Tailoring, C. A. & N. University, 1927—

KING, CHARLES T., MANUAL ARTS

Diploma, C. A. & N. University, 1924; Student, Kansas State Teachers' College, 1918, 1926; Student, Hampton Institute, 1928; Instructor in Manual Training, C. A. & N. University, 1927—

PARKER, DAISY, INSTRUCTOR IN MODEL SCHOOL

Summer, 1925; Instructor Jackson College; 1927-28; Durant Training School, 1928-29; A. & N. University, 1929—

ROBERTS, FRANCES E., ELEMENTARY EDUCATION

Diploma, C. A. & N. University, 1924; Instructor in Elementary Education, C. A. & N. U., 1928—

SMITH, FANNIE E., HOME ECONOMICS

B. S., Home Economics, Prairie View State College, 1925; Student, University of Chicago; Instructor and Assistant Dean of Women, 1928-29; Instructor, Clothing, 1929—

STARKS, WILLIAM J., HISTORY

A. B. Lincoln University, 1901; B. T. S. and A. M. Lincoln University, 1904; Instructor, C. A. & N. University, 1919—

THOMAS, JAMES S., SHOEMAKING

B. S., Alcorn A. & M. College, 1916; Instructor, C. A. & N. University, 1926—

TROTTER, J. LEROY, MATHEMATICS

B. S., Education, C. A. & N. University, 1927; Graduate Student, University of Kansas, 1928, Summer; Instructor C. A. & N. University, 1927—

WADE, IDA E., SCIENCE

B. S., Bishop College, 1926; Student, University of Chicago, Summer, 1925; Instructor in C. A. & N. University, 1923— Principal, High School, 1929—

WEAVER, MAYME, PRINTING

A. B., Shorter College, 1916; C. A. & N. University, 1926; Instructor, Flipper Key Davis, 1920-23; Instructor, C. A. & N. University, 1926—

## GENERAL

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

"The Agricultural and Normal University was established by Act of Territorial Council and House, March 12, 1897. The bill (Council Bill 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 safely piloted through the legislative channels to its final adoption, March 12, 1897, when it was signed by J. W. Johnson, President of the Council, J. C. Tousley, Speaker of the House and approved by William C. Renfrow, Governor of Oklahoma Territory.

Personnel of the Territory Council and Founders,—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, Wm. Garrison, C. W. Gould, H. S. Hanner, D. 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 of 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 white and negroes.

### ADMINISTRATION

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, Dr. Inman E. Page, a graduate of Brown University, who was then serving as President of Lincoln Institute (now Lincoln University), Jefferson City, Missouri.

To him was entrusted the great task of organizing the work of the institution. How well this was done is attested to by the hundreds of men and women scattered over the great southwest section who are making good through the splendid training received at "Langston". Dr. Page remained at the head of the institution for seventeen years.

Following him, for a brief period each, Professor I. B. McCrutchon and Professor R. E. Bullitt served the institution as Presidents consecutively.

In June of 1916, Professor J. M. Marquess, a graduate of Dartmouth College was elected President. He served the institution and the state acceptably for seven years. Under his administration many of the physical improvements were made. He severed his connection with the institution May 31, 1923.

After President Marquess, Dr. I. W. Young, a graduate of New Orleans University, was called to the presidency of the Institution. Under him many outstanding improvements were made. The campus was beautified, buildings renovated and the general tone of the student body was improved. He resigned July 28, 1927, and was succeeded by Z. T. Hubert, President of Jackson College, Jackson, Mississippi, and a graduate of Massachusetts Agricultural College.

Under the Administration of President Hubert, the institution has made the most remarkable progress of its history.

During the history of the school, the available records show that 1148 men and women have been graduated, being distributed as follows: Bachelor's Degrees 100; Junior College Diplomas 914; Vocational Agriculture Certificates 53; Home Economics Diplomas 54; Trade Certificates 13; Commerce Diplomas 4.

The graduating classes have grown from two in 1901 to 125 in 1929.

The institution has conducted a summer school for teachers the first session of record being in 1914 with an index list enrollment of two hundred. Since then the function has grown in interest and popularity, having an enrollment in 1929 of 744, exclusive of the practice school and special enrollment.

### FINANCES AND SUPPORT

Having established this institution the right of establishment carried with it the duty to support and maintain it. To this end, the council, by enactment of a bill introduced by Honorable Henry S. Johnston, appropriated \$5,000.00 for the support and maintenance of the institution for its first year. By a diversion of the land lease money, \$4,000.00 was allotted to this institution which enabled it to operate successfully until 1899. During the legislature of 1899, \$10,-



12 COLORED AGRICULTURAL AND NORMAL UNIVERSITY

000.00 was appropriated for the Colored Agricultural & Normal University. The levying of a one-tenth mill tax, the setting apart of one-fifth of the land lease money, one-tenth of the Federal Funds coming to the State through the Morrill Act and the appropriating of an accrued Federal Fund of \$15,000.00 (as ratified by Congress) enabled the institution to be housed in some very splendid buildings and to secure and pay its very efficient corps of teachers who had been assembled.

The University, having taken on permanency, was very splendidly provided for thereafter, and it being so today, through the generosity of this great state. The subsequent appropriations biennially are as follows:

1901-1902 .....	\$ 85,000.00
1903-1904 .....	90,000.00
195-1906 .....	95,000.00
1907-1908 .....	185,294.00
1909-1910 .....	92,142.00
1911-1912 .....	77,600.00
1913-1914 .....	90,300.00
1915-1916 .....	90,000.00
1917-1918 .....	81,035.00
1919-1920 .....	90,000.00
1921-1922 .....	104,749.00
1923-1924 .....	185,000.00
1925-1926 .....	206,900.00
1927-1928 .....	365,000.00
1929-1930 .....	397,500.00
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Total to 1929 .....	\$2,235,520.00

In addition to this liberality on the part of the state by appropriations, and the income from land grants, the Federal Government allocates \$5,000.00 annually from the Morrill Fund and \$2,400.00 from the Smith-Hughes Fund. From these Federal funds in the thirty years the school has operated, it has received more than \$165,000.00. The record on this is not entirely clear and definite.

**REAL ESTATE AND PROPERTY VALUATIONS**

Land and Improvements .....	\$ 20,775.00
Buildings and Betterments .....	533,225.00
Educational Equipment .....	52,333.00
Dormitory Equipment .....	47,071.00
Live Stock .....	7,000.00
Farming Implements and Machinery .....	8,500.00
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Total .....	\$ 648,904.00

### CHIEF FUNCTIONS OF THE COLLEGE

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

"The Colored Agricultural and Normal University of the Territory of Oklahoma is hereby located and established at or within a convenient distance from Langston, in Logan County, Oklahoma Territory, the exclusive purpose of which shall be the instruction of both male and female colored persons in the art of teaching and the 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."

In order to effectively carry forth this purpose the educational program is conducted upon a broad enough basis to give opportunity to a higher degree of citizenship. The work of the college is carried on by several departments, many of which offer degrees upon completion of requirements as stipulated in this catalogue.

The institution recognizes its duty in carrying the college to the people; and has, therefore, included in its organization extension service in Agriculture and Home Economics and a department of home study. Courses may be taken in the last named department at a relatively small cost, thereby enabling men and women to complete their education while pursuing their daily work.

### PHYSICAL PLANT

**Land.** The University owns four hundred acres of land. All except the actual campus site, is under cultivation. While the soil is not the best that may be found in Oklahoma, it is nevertheless quite typical of that found in the state; hence making it possible for students who study it to learn of the characteristics of that soil which may be found in their own communities.

**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, School of Education, the School of Commerce, and the Library.

**Dairy Building.** The Dairy Building was erected in 1926. It is a substantial building of steel, concrete and brick construction. The front portion consists of class rooms and laboratories in animal husbandry. The rear portion contains stanchions for the milking of cows, and other equipment.



**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.

**Poultry Building.** The Poultry Building was erected in 1925. It is a frame structure. In addition to the main building which contains the class rooms on the main floor and a basement used for laboratory and experimental purposes, there are twelve yards and houses for use of various breeds of poultry. Each year the poultry exhibition is staged by the department for the benefit of the citizens who may wish to avail themselves of scientific data relative to poultry husbandry.

**Trades Building.** This building is brick structure and contains shops for auto mechanics, shoe making, printing and carpentry.

**Laundry.** The University has a complete laundry unit housed in a separate building. Recently an addition has been made to the old building to accommodate the Tailor Shop.

**Home Economics Cottage.** A small cottage erected in 1926, to provide a home for the major students in the department of Home Economics. This building is modern in every respect, provides ample opportunity for young women to learn the science and technique of home making.

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

**University Men.** A new dormitory erected in 1928 at a cost of twenty-five thousand dollars and used exclusively for college men. A modern fire proof building with a capacity for accommodating about fifty students.

**University Women.** A girls' dormitory erected in 1928 at a cost of seventy-five thousand dollars used exclusively for college women. It is a modern building and can easily accommodate one hundred students.

**Marquess Hall.** This dormitory for men, was erected in 1922, at a cost of forty thousand dollars. It is named in honor of former President J. M. Marquess. It has a capacity of about one hundred students.

**Phyllis Wheatley.** Three-story brick, used primarily for Women's Dormitory, but houses also the College Dining Hall and Kitchen, and a section of the Home Economics Department.

**Training School Building.** Finished in 1928, at a cost of \$21,225.00. A one-story brick and concrete structure, conveniently designed for accommodating about one hundred pupils. It offers modern facilities for practice work in teaching.

**Science and Administration Building.** Completed in 1929, at a cost, when furnished and equipped, of approximately \$92,000.00. A three-story well planned and constructed school building, modern in all respects, and fire-proof throughout. Science Laboratories of the second and third floors for work in Biology, Chemistry, Physics, and Geology. Home Economics Division on second floor, and Administrative office on main floor.

**Heating Plant.** At the cost of \$75,000.00, the University has erected a New Central Heating Plant on the northeast side 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.

**The Standing of the College.** The Agricultural and Normal 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.

**College Publications.** Three times during the school year, the University issues a publication entitled the University Bulletin. These are (1) General Catalogue, (2) Summer School Bulletin and (3) Special Bulletin devoted to some research topic under one of the departments of instruction.

**Library.** The Library containing about 10,000 volumes is housed at present in one of the large rooms in the Administration Building. It is in charge of a trained Librarian.

**Military Instruction.** A cadet Corps is organized and supervised by a trained officer. Military rules and regulations obtain among the young men who are required to take this training. It is compulsory during the first three years in college.

**Christian Training.** All students will be expected to attend Sunday School or at least one regular church service each Sabbath. To facilitate this, each student is expected to bring a Bible for personal use. The usual religious services will be observed at the stated periods and the study of the Bible under the proper influences will be encouraged.

UNIVERSITY  
G. Lamar Harrison Library  
Langston, Oklahoma

### INFORMATION FOR STUDENTS

The Administration of this school aims to give resident students that type of Christian care, supervision and protection that may be found in any well regulated home. Students residing in dormitories signify thereby their intention to keep and abide by every regulation in its most minute detail. Rules will not prove to be irksome and will work no hardship on anybody. They are only designed to give the student that degree of self-respect and refinement compatible with the ordinary decencies of organized society and its conventionalities. Young women who room and board outside of the dormitories must present the Dean of Women a statement from parents or guardian granting such permission. The institution holds students not living in the dormitories amenable to the same rules which govern those who live on the campus.

#### General Expenses

Registration .....	\$ 3.00
Board and Laundry .....	16.00
Athletic fee .....	5.00
Lecture and Library fee .....	2.00
Medical fee .....	3.00
Laboratory fee .....	5.00

(This does not apply to the 9th grade.)

#### Special Fees

Instrumental Music (per term) .....	5.00
Vocal Music (per term) .....	5.00
Diploma .....	5.00
Laboratory Breakage per quarter .....	1.00
Commerce (per term) .....	5.00

### PHYSICAL EXAMINATION AND MENTAL TESTS

During Freshman Week, intelligence and achievement tests are given to students entering for the first time, as well as physical examinations for all students. The purpose of these tests and examinations is to enable the administration to check up on the student's capacity for work and to furnish the medical advisor with data concerning the health and physical condition of the student.

**REGISTRATION**

**For all Students**

The following is a sequence of the various steps in the Registration process:

1. Get registration card from Registrar at Office.

Class Cards:

Freshmen .....	Blue
Sophomores .....	Orange
Juniors .....	Pink
Seniors .....	White
Preparatory School (all classes) .....	Blue
Elementary Training School .....	Blue

2. Pass directly to assignment tables designated as Freshmen, Sophomore, Junior and Senior; if you are to take Music, Home Economics, Art, Trades, go to tables so marked after completing assignment of academic subjects.
3. Advisor will make out program and write it on the Registrar's card.
  - (a) Student will copy program made by the Advisor on Duplicates.
  - (b) Check correctness on your name.
4. If changes are necessary before registration is completed, go back to assigning officer.
5. Go thence to Financial Secretary's office and pay bills. All bills must be paid before registration is complete.

Note: Students are expected to follow the program outlined on the registration card. Any student who drops a course without the consent of the Dean will be given a failure in such a course. Any student who takes a course irregularly will not receive credit for it.

**Late Registration**

A fee of fifty cents per day will be charged all students who enroll after the regular registration period—until a maximum of \$2.00 is reached.

**Adding Courses**

A student shall not add a course to his card except by permission of the Dean.

**Withdrawing From College**

No student will be allowed to withdraw from college until he had properly withdrawn from all of his courses through the Office of the



Dean and has filed his permit in the Office of the Registrar. A student shall, also discharge all his financial and other obligations to the University before he can be honorably dismissed.

#### **Delinquent Examinations**

At the close of each quarter a number of students have deficiencies which may be removed by examinations. Students may take these examinations by permission of the head of departments in which the course is offered and by the approval of the Dean three weeks after the close of the quarter in which the deficiency occurs. If the student fails in this examination, he must repeat the course. Students who persistently fail will not be allowed to carry the maximum hours of a student load.

#### **Health Service**

The institution provides a physician and nurse to supervise the health activities of the students. Students are required to bring with them a rain coat, hat, and over shoes and a coat of sufficient weight to provide comfort during the winter. The Dean of Women has direct charge of the girls and their living quarters. The Dean of Men serves in a similar capacity for the boys. In addition to these, there are two physical directors who provide helpful athletic exercises that aim to develop mental and physical power in the student body.

#### **Employment**

There are a limited number of jobs that the young men and women may do to aid on their expenses. All work, however, is reckoned on the hour basis and credited accordingly. Students will be paid promptly for their services and they in turn must settle their bills.

#### **Honors**

At the end of each quarter in college and semester in the University preparatory school, the three highest students in each class are selected according to their scholastic attainment.

These constitute the honor roll which is subsequently released for publication. In accordance with general academic custom at the end of the senior year, honors are awarded to those students reaching a fixed rank in scholarship. They are as follows:

Cum laude.

Magna cum laude.

Summa cum laude.

### Prizes

**Sadler Roberts Cup:** To that student majoring in English and member of either junior or senior college class who maintains the highest average in his major subject is awarded custody of a silver loving cup. The winner has the privilege of having his name engraved thereon.

### Student Organizations and Publications

Students are generally members of one or more of the several organizations on the campus. These are helpful in many ways, serving to provide outlets for student opinion and development.

**Y. M. C. A.** The Young Men's Christian Association is one of the outstanding organizations among the young men on the Campus. These are helpful in many ways, serving to provide outlet for student opinion and development.

**Y. W. C. A.** As much may be said relative to the Young Women's Association. A large percentage of the student population is identified with one of these organizations.

### GENERAL REGULATIONS

The institution is organized on the quarter plan. That is, the University runs the year round, and divides the year in four equal periods of twelve weeks, called quarters.

A subject taken once a week for a quarter will be given credit as one quarter hour. The hour value of courses is stated in this catalog.

#### Attendance

To pursue work properly in the University, a student should be present at each meeting of the class. If he is obliged to be absent from any recitation, lecture or laboratory on account of illness or other unavoidable cause he should report promptly to the Dean of Men or Women.

No student shall be absent from class in excess of the number of hours which the course carries without penalty.

#### Discipline

The rules governing the conduct of students of the institution are few and simple. All students are expected to exhibit such traits as are common to the conduct of self-respecting men and women.

Whenever any student is guilty of any sort of conduct either on or off the campus, which, in the judgment of the faculty, is contrary to accepted standards, tends to disturb order and discipline or is in



any way injurious to the best interests of the institution, that student shall be dismissed.

### Classification of Students

No student with less than fourteen high school units is classified as freshman. Students having fourteen units properly distributed may be given conditional freshman classification, but the high school unit must be made up during the freshman year, or such student retains his freshman classification until the condition is removed.

Advanced classification will be given only those students who have completed successfully all the required work, and in accordance with regulations stated elsewhere in this catalogue.

Freshman Classification 0-44 hours.

Sophomore Classifications 45-89 hours.

Junior Classification 90-124 hours.

Senior Classification 135-180 hours or above, with one-third to one-half of the major work completed.

No student may enter any course which naturally runs in sequence or which has a pre-requisite unless he has successfully completed the preceding course.

At the end of the sophomore year, the entire scholastic and character record of each student will be thoroughly examined. Those who do not show promise of sufficient ability, initiative, and scholarship to pursue work of the upper class group and those who do not show sufficient character qualifications to be a credit to the institution, and cannot pursue a college education with profit to themselves, will be advised accordingly.

### Course Numbers

College courses are numbered 100 and above. Courses marked 100 and 200 are primarily for Freshmen and Sophomores; 300-400 for Juniors and Seniors.

### Grade System

A .....	93-100	E .....	Condition
B .....	85-92	F .....	Failure
C .....	78-85	I .....	Incomplete
D .....	70-77	W .....	Withdrawn

A grade of (A) is given when a student shows that he has a complete mastery of subject matter as given in the course, revealed in the discussion during recitations, reports and term papers and this general knowledge of the subject beyond the requirements of the course.

A grade of (B) is given when a student shows that he has a definite knowledge of the subject and can do a considerable amount of independent work.

A grade of (C) is given when a student shows that he possesses average acquaintance with the course and can reasonably complete the assignments.

A grade of (D) is given when a student, who, although he has not shown the degree of knowledge of those who have been given the A, B, or C, but is able to complete sufficient work to warrant promotion from the course.

A grade of E is given to those who have not done sufficient work to pass and who may by doing such work, as prescribed by the instructor be given a passing grade.

Those who have been marked E may not thereafter receive a grade higher than D, unless he repeats the course. The grade last made shall be final.

A grade of F means that the student has failed to complete the work of the course involved and that he must repeat the course when offered again.

A grade of I means that the student has failed to complete some part of the course. When this is certified by the instructor, the student may within three weeks after the close of the quarter during which the grade was given, provided that the removal of this grade is not contingent upon another full quarter's work.

A grade of W is given when a student without warrant withdraws from a course. This remains as a deficiency on his record until it is removed by his instructor with the approval of the Dean.

A student may not complete his college course who has more than one half of his work of D grade. During the junior and senior years when the student is working toward the completion of his major, he should maintain an average of B in all major courses.

#### Grade Points

- A—3 grade points
- B—2 grade points
- C—1 grade point
- D—0 grade point

180 grade points required for graduation, exclusive of courses in physical education.

### Admission

Students entering for freshman work should enter at either the beginning of the first quarter or in the summer. Those who have spent as much as one quarter may enter at the beginning of any subsequent quarter.

Entering students should make application to the Registrar or Committee on Admission. Address, Registrar, Agricultural and Normal University, Langston, Oklahoma. An application blank will be sent immediately.

The student should then have a complete record of all the work that he has completed forwarded to either the Registrar or Committee on Admission.

### Admission to Freshman and Advanced Standing

Fifteen properly selected units of credit, secured either by examination or by certificate, from an acceptable school, or by both, will admit students to freshman standing. Graduates of unaccredited high schools must take examinations in at least 15 units of work.

Applicants not high school graduates: An applicant who is not a graduate of an accredited high school but who presents a certificate showing the completion of fifteen acceptable units of entrance credit including three English, one Algebra, one in plane Geometry, one in Science and one in History, may be admitted on the recommendation of the authorities of the high school last attended.

Students who have had systematic courses in high school but can not furnish the regular official transcript and statement that the high school was accredited, may be admitted by examination. He is given only the one chance. No examination is given in subjects in which a student has failed or received a condition in High School. All advanced standing credit is provisional and subject to withdrawal if the student's later record does not justify the credit given.

## ADVANCED STANDING

### Methods of Admission for Advanced Standing

By discounting transcripts; by granting provisional credit subject to satisfactory work in more advanced courses; and by accepting transcripts as documentary evidence of courses completed and examination. Any credit granted is provisional. If the student's subsequent record does not justify standing given, the institution reserves the right to reclassify him.

**DISTRIBUTION OF HIGH SCHOOL UNITS ACCEPTED FOR ADMISSION**

**Required Units**

English .....	3	Mathematics .....	2
Science .....	1	American History .....	1

**Subjects Accepted for Admission**

**Units**

English, College Requirement .....	3
Fourth Year English .....	1
Algebra, through Quadratics .....	1
Plane Geometry .....	1
Solid Geometry .....	1/2
Algebra from Quadratics .....	1/2
Trigonometry .....	1/2
Advanced Algebra .....	1/2
German .....	2
French .....	2
Botany .....	1
Physiology .....	1
Ancient History .....	1/2
Modern History .....	1/2
English History .....	1/2
American History .....	1
Civics .....	1/2
Economics .....	1/2
Sociology .....	1/2
Psychology .....	1/2
Latin .....	2
Spanish .....	2
Physics .....	1
Chemistry .....	1
Physical Geography .....	1/2
Zoology .....	1
General Science .....	1

**Vocational and Miscellaneous Subjects**

(Not more than four units of this work credited)

Manual Training—Woodwork .....	1
Music .....	2
Mechanical Drawing .....	1
Home Economics .....	1
Commercial Law .....	
Arithmetic .....	
Shorthand and Typing .....	2
Free Hand Drawing, Forge, Machine Work .....	1
Agriculture .....	2
Commercial Geography, Bookkeeping .....	1

**REQUIREMENTS FOR STATE CERTIFICATES BASED ON WORK  
DONE AT LANGSTON UNIVERSITY**

**Elementary Certificates**

I. Two-Year Certificate:

Sixty quarter hours of college work distributed as follows:

English .....	9 quarter hours
One Natural Science .....	6 quarter hours
Social Science, Math. or Language	9 quarter hours
Agriculture (or one-half unit in high school) .....	3 quarter hours
Education, including three quarter hours practice teaching .....	12 quarter hours
Electives .....	21 quarter hours

(The former requirement of 45 quarter hours will obtain until September 1, 1930)

II. Renewable for one year on the completion of 12 quarter hours additional work or for two years on the completion of 24 quarter hours additional work.

III. Five-year Certificate.

ninety quarter hours of college work.

Twelve quarter hours in Education, including three quarter hours in Practice Teaching.

IV. Renewable for life (1) On completion of a total of 24 quarter hours in Education, including 7.5 quarter hours practice teaching.

(2) five years successful teaching in Oklahoma elementary schools, three of which shall be during the life of the certificate to be renewed. (acceptable recommendations must be submitted with application for renewal)

V. Life Certificate.

93 quarter hours in Education, including 8 quarter hours in practice teaching.

**High School Certificates**

I. Two-year certificate.

Ninety quarter hours of college work (135 after September 1, 1930) Twelve quarter hours in Education, including three quarter hours in Practice teaching.



II. Renewable for one year on the completion of twelve quarter hours additional work, or for two years on the completion of 24 additional quarter hours work.

III. Five-year Certificate.

Standard baccalaureate degree from a college of arts and sciences or college of Education.

Twenty-four quarter hours in Education, including three quarter hours in Practice teaching.

IV. Renewable for life (1) on the completion of a total of thirty six quarter hours in Education, including 7.5 quarter hours practice teaching, or (2) five years successful teaching in Oklahoma high schools, three of which shall be during the life of the certificate to be renewed. (acceptable recommendations must be submitted with application for renewal).

V. Life certificate.

Standard baccalaureate degree from a college of arts and sciences or college of education.

Thirty-six quarter hours in Education, including 7.5 quarter hours in Practice Teaching.

A temporary certificate to teach a special subject will be issued to a person who has completed the requirements for a two-year high school certificate (See Section I "High School Certificates") and has completed at least 18 quarter hours in the special subject for which the certificate is desired.

### Special and Five-Year Certificates

#### A—General

	Quarter hours
Psychology .....	3
Adolescent Psychology .....	3
Child Psychology .....	3
Educational Tests and Measurements .....	3
Observation and Practice Teaching .....	3
Penmanship (Or one-half unit in high school).....	3
Agriculture (Or one unit in high school) .....	6
English .....	12
American History and Government .....	9
General Hygiene .....	3
Physical Education .....	3
Electives .....	6

#### B—Special Courses



**Home Economics**

	quarter hours
Foods .....	9
Clothing .....	6
Child Care .....	3
Housewifery .....	3
Home Nursing and First Aid .....	3
Home Furnishing and Interior Decoration .....	3
Chemistry .....	6
Art and Design .....	3
Methods of Teaching Home Economics .....	3

**Manual Training**

	quarter hours
Bench Work .....	6
Machine Work .....	3
Wood Turning and Pattern Making .....	3
Carpentry .....	6
Care of Shop Equipment .....	1.5
Mechanical Drawing .....	6
Methods of Teaching Manual Training .....	3
Elective s.....	9

**Public School Music**

Sight Singing and Notation .....	12
Music Appreciation .....	3
Instrumentation .....	3
Harmony .....	6
Voice, Violin or Piano .....	3
Methods in Public School Music .....	3

**REQUIREMENTS FOR DEGREES GRANTED THROUGH THE  
COLORED AGRICULTURAL AND NORMAL UNIVERSITY**

1. Fifteen College entrance units of high school work, or the regular recognized equivalent. If the entrance credit does not include one unit of Algebra, and one unit of Plane Geometry these subjects must be completed without college credit before graduation.
2. One hundred eighty six quarter hours of college work, in addition to that required to make up deficiencies in entrance requirements.
3. Six of the 186 quarter hours must be in physical education.
4. Forty five of the 186 quarter hours must be completed in actual residence in this institution.
5. Correspondence or extension work taught by a regular faculty member will not count toward the satisfaction of the residence requirements for a degree.
6. The last thirty six weeks of work must be in actual residence as a regularly enrolled student before a degree is granted.
7. The last 30 of the 186 quarter hours required for a degree must be spent in actual residence in this institution.
8. The student must complete a major of at least 36 quarter hours.
9. The student must complete two minors of at least 18 quarter hours each.
10. Half of the work required for the satisfaction of the major and minor requirements must be of senior college level.
11. Forty per cent, of all the 186 quarter hours required for the degree must be of senior college level.
12. Not to exceed 60 quarter hours of work in any one department may be counted toward a degree.
13. At least 15 hours of English distributed as follows must be completed.
 

Literature 122 .....	3 quarter hours
English Grammar 200 .....	3 quarter hours
English Composition 102 .....	3 quarter hours
English Composition 112 .....	3 quarter hours
American Literature 203 .....	3 quarter hours
14. At least 15 hours of Social Science distributed as follows must be completed:
 

American History 208, 218, 228....	9 quarter hours
Government 319 .....	3 quarter hours
Economics, Sociology or History	3 quarter hours

15. At least thirty-six quarter hours in Education distributed as follows: :

Psychology 117, 127 .....	6 quarter hours
Psychology 207 .....	3 quarter hours
Education 107 .....	3 quarter hours
Education 217 .....	3 quarter hours
Observation and Practice Teaching	8 quarter hours
Education, Elective Courses .....	15 quarter hours

16. At least six quarter hours of college credit Agriculture must be taken unless one-half unit of high school agriculture is offered as entrance credit.
17. At least three quarter hours on one-half unit of Penmanship must be completed.
18. At least 9 quarter hours of Biology must be completed.
19. At least 3 quarter hours of Hygiene must be completed.
20. Work not to exceed one-fourth of that required may be completed by correspondence and extension.
21. Not to exceed 15 quarter hours of Music, Art or Business Education may be counted for those not majoring in Music, Art or Business Education respectively.
22. Applicants for degrees and all types of certificates must be at least eighteen years of age.
23. At least forty five quarter hours of work must be completed in residence between the issuance of the 93 hour diploma and a degree
24. The A. B. and B. S. degrees may not be issued concurrently to the same person. Where both are issued, forty-five hours of work must intervene, 30 of which must be done in residence.
25. A candidate who satisfied all the requirements for the A. B. or B. S. degree except the work in Education may be issued the degree without a license to teach.

**Special Requirements for the B. A. Degree**

26. Majors and Minors must be selected from the following groups:

Modern Language (Minors only)

English	Science
Mathematics	Social Science

One minor may be selected from Education or Psychology.

27. No one of the above group may be both a major and a minor group.

28. Foreign Language must be completed as follows:  
 Two units in H. S., plus 9 quarter hours in college in the same language.  
 Two units in H. S. plus 15 quarter hours in college in different languages.  
 (Two or more high school language units offered for entrance must be in the same languages.  
 Twenty four hours in a language required when no language is offered for entrance.
29. At least 9 quarter hours in Physical Science or 9 hours in Mathematics must be completed.

#### Special Requirements for the B. S. Degree

30. Majors and minors must be selected from the following groups:  
 Modern Language (Minor only)  
 English  
 Social Science  
 Business Administration  
 Mathematics  
 Science  
 Agriculture  
 Engineering  
 Home Economics  
 One minor may be selected from Education or Psychology.
31. No one of the above groups may be both a major and minor group.
32. At least 9 quarter hours of Physical Science must be completed.  
 (Physical Science includes Chemistry, Physics, and Geology).
33. At least 9 quarter hours of Mathematics must be completed. This should not include Business Arithmetic or Teachers' Course in Arithmetic.

#### ACADEMIC DEGREES

Bachelor of Arts  
 Bachelor of Science  
 Bachelor of Science in Education  
 Bachelor of Science in Agriculture  
 Bachelor of Science in Business Administration.  
 Bachelor of Science in Home Economics

#### Regulations for Graduation

Candidates will be held to the requirements laid down in the catalogue of the year in which they graduate, except that they will not be

required to take courses placed in the curriculum after they have finished the work of the year in which the new course is made a requirement.

In addition to completing the 186 quarter hours properly distributed over the required courses, the major and the elective courses the student must show sufficient character qualifications and promise of usefulness to the community to justify the university in granting him a degree.

Every student in the year in which he expects to graduate must file with the registrar an application for the degree, not later than the beginning of the Spring quarter. Students who fail to conform to this requirement should not expect to have their candidacy favorably acted upon for graduation in May. Persons expecting to graduate by the end of the Summer quarter are required to file their application not later than the 1st week of the summer school. Students are held responsible to see to it that they will have completed all the requirements by the time they expect to graduate.



## THE COLLEGE

### FOREWORD

#### Organization:

The work of the University is divided into five Colleges, namely:

- Arts and Sciences
- Business
- Education
- Agriculture
- Home Economics and Mechanic Arts

The last named will be organized as Senior Colleges in 1930. The College of Arts and Sciences as the Senior division serves to co-ordinate the work of the others.

#### Trade:

Trade courses are open to a limited number of college students. Registration for these courses must be done with Dean of the Junior College of Mechanic Arts. The student load during the Freshman and Sophomore years, except for those in Agriculture, Home Economics, is held within a limit which permits him to pursue successfully a trade course.

#### Freshman Lectures:

A non-credit course, meeting twice per week and running through the first quarter, is required of all Freshmen. Specific details may be had at the office of the Dean of the College of Arts and Sciences.

### COLLEGE OF ARTS AND SCIENCES

For graduation it is necessary to complete one hundred and eighty six quarter hours, six of which shall be in Physical Education. A minimum of one hundred and eighty grade points is required, exclusive of Physical Education.

Two standard degrees, (A. B. and B. S.) are conferred. Regulations for graduation majors and minors are the same as listed for other degrees elsewhere in this catalogue. The work of the College of Arts and Sciences however, falls into **three divisions**. The student is required to complete a prescribed number of courses from each. In the selection of the major course he must have the advice and consent of the Professor in charge of that course, with the approval of the Dean of the College. He is also, required to maintain an average of two grade points in all work of his major sequence.

- I. LANGUAGE, LITERATURE, AND ARTS (English, French , or German, Penmanship.)
- II. PHILOSOPHY AND THE SOCIAL SCIENCES (Philosophy, Psychology, Journalism, Economics, Sociology.)
- III. MATHEMATICS AND THE PHYSICAL AND BIOLOGICAL SCIENCES (Agriculture, physics, Geology, Chemistry, Botany, Zoology.)

**REQUIRED COURSES, A. B.**

**Group I**

English: 102, 112, 122, 200

French

(See Section 28....., Page 29)

Free Arts:

(See Section 17....., Page 28)

**Group II**

American History: 208, 218, 228

Federal Constitution: 319

(Ethics, Logic) Psychology: 117, 127 and 207

Economics: 311

**Group III**

Biology 106, 116, and 126

Hygiene

Nine hours from one of the following: Geology and Geography, Physics  
College Algebra, and Chemistry

Agriculture: (See Section 16 ..... , Page 28)

For Life High School Certificate in addition to the A. B. Degree:

See: Section 15....., Page 28)

**GENERAL COURSE**

(for all College students)

**Freshman College**

Mathematics 103	3	Mathematics 113	3	Mathematics 123	3
English 102	3	English 112	3	English 122	3
Chemistry 101		Chemistry 111		Chemistry 121	
or		or		or	
Biology 106	4	Biology 116	4	Biology 126	4
Physical Ed. 109	1	Physical Ed 119		Physical Ed 129	1
*Electives	4	*Electives	4	*Electives	4

\*Freshmen are permitted to elect courses only by advice and approval of the Dean

**Sophomore College**

English 203	3	English 212	3	English 200	3
Biology 206	4	Biology 216	4	Biology 226	4
Physical Ed. 209	1	Physical Ed. 219	1	Physical Ed. 229	1
Social Science 208	3	Social Science 218	3	Social Science 228	3
*Electives	5	*Electives	5	*Electives	5

\*All electives must have the approval of the Dean.

**Junior Year**

During this year the student should, with the advice of his Major Professor plan his courses, including two fifths of his program in the Major field, one fifth in the required electives, and the remainder to free, though related electives.

**Senior Year**

Elect subjects to complete major of thirty-six hours; two minors of eighteen hours each, and sufficient electives to complete 186 hours.

## ARTS AND SCIENCES

## Major in English

## Junior Year

English 213	3	English 312	3	English 222	3
Social Science 311	3	Social Science 312	3	Political Science 328	3
Geology	3	Geology	3	Geology	3
Physical Ed. 309	1	Physical Educa. 319	1	Physical Educa. 329	1
Electives	6	Electives	6	Electives	6

## Senior Year

English 315	3	English 325	3	English 330	3
Logic	3	Ethics	3	Ethics	3
Electives	9	Electives	9	Electives	9

## Majors in Science

## Junior Year

Chemistry 201	4	Chemistry 211	4	Chemistry 221	4
Physics 301	4	Physics 311	4	Physics 321	4
English 213	3	English 312	3	English 322	3
Electives	6	Electives	6	Electives	6

## Senior Year

Chemistry	301	Chemistry 311	4	Chemistry 321	4
Biology	4	Biology	4	Biology	4
Logic	3	Ethics	3	Ethics	3
Electives	6	Electives	6	Electives	6

## English

102 C—English Composition. Sub freshman English. Designed for students who score low in entrance examination. Instruction and Practice in the fundamentals of English speech and writing with special emphasis on mechanics and rudiments of English Grammar. Textbook—Woolley (Handbook of Composition—Scott).

3 hours (Autumn)  
Associate Prof. Batchelor

102 B—English Composition. Designed for students who fall in middle group in entrance examination. Instruction and practice in elementary composition. Readings, themes, recitations.

3 hours (Autumn)  
Assistant Prof. Deane

102A.—English Composition. Designed for students who score high in entrance examinations. Recitations, themes, general expression. Textbook: Freshman Year English, Brawley and Essays Toward Living, Baugh & McClure.

3 hours (Autumn)  
Assistant Prof. Deane

112B—English Composition. A study of expository writing and style. Sequence for group 102B. Readings, themes, Recitations. Textbook: Fulton, Expository Writing.

3 hours  
Assistant Prof. Deane

112A—English Composition. A study of narrative writings leading up to the short story. Sequence for English 102A. Readings, themes.

3 hours (Winter)  
Assistant Prof. Deane

312B—Advanced Composition. Feature writing. A study of forms such as find a place in current periodical publications. Pre-requisite: English 102 and 112. Textbook: Brennecke and Clark. Magazine Article writing. (Not offered in 1930-31).

3 hours (Spring)  
Assistant Prof. Deane

312A—Advanced Narration. A course in the short story. Reading and writing. Prerequisite: English 112A. Textbook: Albright, The Short Story. (Not offered in 1929-30).

3 hours (Winter)  
Professor Anderson

200 English Grammar. A practical course in English Grammar. This course is required of all students.

(3 hours Spring and Fall)  
Associate Professor Batchelor

122.—Fundamentals of Literature. An introduction to the study of literature in all of its forms.

Assistant Prof. Dean.



212—History of English Literature. An outline study of the development of English Literature by periods with representative readings. A prerequisite for all higher courses in English.

3 hours (Autumn)  
Assistant Prof. Deane

213—The Romantic Movement in English Literature. The rise and growth of Romanticism. Wordsworth, Coleridge, Scott, Byron, Shelley and Keats will be studied in relation to the Romantic Movement.

3 hours (Fall)  
Associate Prof. Batchlor

### Public Speaking

Speech 343. Expression. The object of this course is to teach the fundamentals of effective expression.

(Not offered in 1929-30)      Winter, three hours  
Associate Prof. Batchlor

Speech 353. Forms of Public Address. This course is planned to give adequate mastery of the public address to those students who contemplate professions which necessitate frequent public appearances open to Junior and Senior students.

(Not offered in 1930-31)      Spring, three hours  
Prof. Anderson

214. Shakspeare's Comedies. A rapid reading of eight of Shakspeare's comedies; a brief review of the origin and development of the drama; an intensive study of the Merchant of Venice, The Tempest, (prerequisite, 9 hours of English)

(Not offered in 1930 31)      Winter, three hours  
Associate Professor Batchlor

215. Shakespeare's Tragedies. A study of the principal tragedies; an intensive study of Hamlet; lectures, quizzes, papers. (Open to Juniors and Seniors)

(Not offered in 1929-30)      Winter, three hours  
Associate Prof. Batchlor

322. English Prose of the 19th Century. This course includes a critical study of the Victorian Essayists, namely: Carlyle, Newman, Arnold, Ruskin, Huxley, Pater, and Stevenson.

Autumn, three hours  
Professor Anderson

315. Nineteenth Century Poetry. This course parallels in point of time, course 322. The works studied are those of Tennyson, the Brownings, Arnold, Clough, Hood, Swinburne, Morris, the Rossettis, Meredith and Hardy.

Autumn, three hours  
Associate Prof. Deane

325. Tragedy. This course covers the development of the Tragedy from Sophocles to O'Neil. The course begins with a study of *Oedipus Rex*, model of the classic type and several others of this genre. A study of the romantic and modern types follow in sequence.

Winter, three hours  
Professor Anderson

203. American Literature. This course embraces a study of two groups of writers. First, those of the Colonial Period and second, those of New England.

Winter, three hours  
Professor Anderson

207. American Literature. This course follows 203. It involves a study of Southern and Metropolitan groups. Prerequisite.

Spring, three hours'  
Professor Anderson

327. Contemporary Literature. This course is of the apprehension type. It is designed primarily to acquaint students with the nature and quality of the literature of our times.

Spring, three hours'  
Associate Prof. Deane

330. Literary Criticism. This course, open only to English Majors, involves a critical study of the principles and practices of literary criticism.

Spring, three hours'  
Professor Anderson

### French

151. Elementary French. The essentials of French Grammar, practice in pronunciation, oral and written exercises. Not open to students who offer two units of French for entrance.

Autumn, three hours  
Assistant Prof. Deane

161. Elementary French. Continuation of Course 151. Easy readings are assigned in this course.

Winter, three hours  
Assistant Prof. Deane

171. Intermediate French. Emphasis on fluency and accuracy in the reading of literary French and composition. Intensive readings in class of 200 pages; extensive readings outside of class of five hundred pages. Prerequisites, two quarters of College or two High School French.

Spring, three hours  
Assistant Prof. Deane

251. Intermediate French. Continuation of 171. Intensive reading in the class of 300 pages; extensive readings outside of class of 800 pages. Prerequisite, same as for 171.

Autumn, three hours  
Prof. Anderson

261. Advanced French. Emphasis on composition and aural comprehension as shown by the student's ability to enter into conversation based on the intensive readings. Approximately 550 pages of intensive reading in class and 1000 pages of extensive reading outside of class are required. Prerequisite, same as for 251.

Winter, three hours  
Prof. Anderson

271. Advanced French. Continuation of 261, including a general survey of French literature. Not less than twelve hundred pages of extensive reading accepted toward meeting the requirements of this course. Prerequisite, 261. (Not offered in 1929-30)

Spring, three hours  
Prof. Anderson

**ECONOMICS, HISTORY, POLITICAL SCIENCE**

111. History of Western Europe from Fall of Rome to 1920. Fall Quarter. This course covers the history of Western Europe from the Barbarian migrations to the Congress of Vienna. Western Europe since the Congress of Vienna. This division presents study of industrial Europe, National Liberation and Unification, Colonialism and Imperialism, Europe to 1920.

History 208. History of the United States (1492-1789). A general survey course in the study of medieval ideas in regard to astronomical science and navigation, the period of exploration and discovery; origin, life, and culture of the American Indian, colonization and development, conflict and struggle of the powers of Western Europe for American control; the American Revolution and the establishment of American Independence; the Articles of Confederation; the adoption of the Constitution.

Open to Sophomores.

Autumn Quarter, three hours.

Professor Bell

History 218. History of the United States (1789-1929). The inauguration of the Government, the influence of westward expansion and slavery upon the political, economic, and social life of the nation; the Civil War; problems of Reconstruction; the Era of Big Business and American Imperialism, Parties and Party Leaders, the United States as a Work Power; the influence of the United States in international politics. Continuation of Course 208.

Winter Quarter, three hours.

Open to Sophomores.

Professor Bell

History 228. American Government. Introduction to American Government; A course dealing with the structure and function of the government in the United States, Federal, State, and local\*. Emphasis is placed upon the realization of the citizen to the government and the duties and obligations of citizenship. \*(Government and History of Oklahoma)\*

Professor Bell

303. History of the United States (1829-1877). Territorial expansion and slavery, the Civil War, development of National Government and its foreign policy, with some attention to contemporary social and economic forces. (Not offered 1929-30)

Spring Quarter, three hours.

Professor Bell

313. Financial and Economics History of United States. Survey of economic background of country to the Civil War. More detailed study of later period, taking up such points as economic and social aspects of Reconstruction, Occupation of West, Industrial consolidation and growth of big business, government regulation of industry, regeneration of the South.

Winter Quarter, three hours.

Prerequisite, Senior standing.

Professor Bell

319. Federal Constitution. This course is concerned with a comparative study of the Articles of Confederation and the Constitution, giving special emphasis to the economic, political, and social forces influencing the framing of the Constitution, and the fundamental principles underlying the federal system of government. Prerequisite, six hours in American History.

Winter Quarter, three hours.

Professor Bell

Social Science 303. Introduction to Sociology. A survey course of the foundation and principles of Sociology, including a study of the origin, evaluation, structure, organization, and activities of society, human nature, society and the group, isolation and contact; communication, imitation and suggestion as forms of social interaction; social forces, competition and conflict, accommodation and assimilation; social control; collective behavior and social progress.

Open to Juniors.

Autumn Quarter, three hours.

Prerequisite to all other work in Sociology

Professor Bell

Social Science 408. The Family. An investigation of the problems of the modern family from the standpoint of development of individual members and their relations to the morale of the institutions. Consideration is given to the (a) organization and disintegration (b) natural family, (c) the home (d) the institutional family (e) prospects. Case studies and an analysis of ethics of the family as reflected in the literature of the times. Prerequisite: Economics 311 and Sociology 303. Not offered 1929-1930.

Autumn Quarter, three hours.

Professor Bell

Social Science 428. Rural Sociology. Study of Rural Life in commercial countries of the Orient and Europe as historical and comparative background; more intensive study of American rural life in open country, village, town and small city. Economic, social and civic problems of rural life are treated. Prerequisite, Sociology 303.

Spring Quarter, three hours.

Professor Bell



Social Science 438. The Negro in America. Designed as an introductory course in racial psychology. An attempt is made to define the American race problem, outline a method and point of view for investigation. Attention is given to the effects in slavery and freedom of the contacts of the white and black races, processes of amalgamation, assimilation, and racial competition; the role of the mulatto; the social, economic, and political effect of isolation and prejudice; the rise and growth of race consciousness in the Negro. The latter part of the course is an analysis of the social, economic, and political aspects of the doctrine of the schools of contemporary Negro thought; Washington, DuBois, and Garvey. Not offered 1929-30.

Spring Quarter, three hours.

Professor Bell

Social Science 311. Introduction to Economics. A preliminary survey of the subject, to give a knowledge of the structure and functions of the various economic institutions and essentials of domestic and foreign commerce.

Winter Quarter, three hours.

Professor Bell

Social Science 312. Principles of Economics. Study of the basic facts and principles of economic life in their application to private and public welfare. Laws of Production, exchange, distribution and consumption of wealth.

Winter Quarter, three hours.

Professor Bell

Labor Problems 317. The background and development of the labor movement in Europe and the United States. Child Labor, women in industry, immigration, beginnings of Unionism, mutual insurance, political action considered from social and individual points of view. Senior standing.

### Mathematics

The courses in this department include an advanced study of those mathematical operations that are necessary in measuring the scope and practical application of quantities.

#### COLLEGE ALGEBRA 103, 113, 123.

This course begins with a general review of elementary Algebra. The following topics are emphasized in the latter half of the year. Mathematical induction, complex numbers and their graphical representation, theory of equations, with emphasis on the location of their roots, determinants, logarithms, permutations, combinations, and probability. The course extends throughout the Freshman year.

Three hours per term.

Professors Lee, Miller, and Wilson

**TRIGONOMETRY, ANALYTIC 203, 213, 223.**

Mathematics. This course includes a study of the trigonometric function and the development of their properties, solution of triangles by natural functions and by logarithms. A few lessons are devoted to spherical trigonometry. This course continues throughout the second quarter of the Sophomore year. Course 203 begins Analytics.

Three hours per term.

Professor Lee

**ANALYTICS, CALCULUS 303, 313, 323.**

Mathematics. This course includes the study of rectangular, oblique and polar co-ordinates, the relation between a curve and its equation, specific applications to the properties of straight lines, circles, conic sections, etc. A few lessons will be devoted to cartesian co-ordinates in space, surfaces, and space curves. This course extends through the third quarter of the Sophomore year and the first and second quarters of the Junior year.

Three hours per term.

Professor Lee

**DIFFERENTIAL CALCULUS 403, 413, 423.**

Mathematics. It is the aim of this course to acquaint the student with the kind of mathematics which he will find useful and to cultivate the power of applying the principles of Calculus first to simple then to more difficult problems. This course includes derivations, simple applications of derivatives, maxima and minima, rates and the expansion of functions. This course extends through the third term of the Junior year and the first term of the Senior year. Four hours.

Professor Lee

### Chemistry

101, 111, and 121. Inorganic Chemistry. A prerequisite for all other chemistry courses, stressing the practical applications as found in everyday life. The course consists of lectures, recitations, and laboratory work. 101, Autumn; 111, Winter; 121, Spring .

Four hours credit per term.

101A, 111A, and 121A. Inorganic Chemistry and Qualitative Analysis. For agricultural class work same as chemistry 101, 111, and 121 but laboratory work for the spring quarter takes up qualitative analysis.

101A, Autumn; 111A, Winter, 121A Spring

Four hours credit per term.

201, 211B. Qualitative Analysis. This course is arranged to give the student a good working knowledge of the underlying principles of qualitative analysis. One period each week is devoted to the discus-

sion of theories, showing their connection with laboratory work and practical applications. Prerequisite, Inorganic Chemistry 101, 111, and 121. 201 Autumn. 211A Winter.

Two, Three or Four hours credit per term.

301, 311, 321. Organic Chemistry. Recitations three days and laboratory two days each week. Designed to cover the Aliphatic and Aromatic series. In the laboratory the student prepares, purifies and studies the reactions of several organic compounds.

Prerequisites, Inorganic Chemistry, Qualitative and Quantitative Analysis. 301, Autumn; 311, Winter, 321, Spring.

Four hours credit per term.

301H. Elementary Organic and Sanitary Chemistry. Designed for students preparing for home economics. Recitations three days and laboratory two days each week. Not a substitute for Organic Chemistry 301, 311, 321. Prerequisites, Inorganic Chemistry and Qualitative Analysis. 301H Autumn.

Four hours credit per term.

403. Food Chemistry. A course in food analysis. Lecture and laboratory. Prerequisites, Inorganic Chemistry, Qualitative and Quantitative Analysis and Organic Chemistry. 403 Autumn.

Four hours credit per term.

211C, 211. Quantitative Analysis. This course consists of laboratory work in gravimetric, volumetric and electrolytic determinations. One period each week devoted to lecture and discussion. Prerequisites, Inorganic Chemistry and Qualitative Analysis. 211B Winter, 221 Spring

Two, Three or Four hours credit per term.

201A. Quantitative Analysis. For agriculture students. Class work as Chemistry 211C, 221. 201A Autumn.

Two, Three or Four hours credit per term.

211A, 221A. Agricultural Chemistry. This course consists of recitations and laboratory work covering the quantitative analysis of soils, fertilizers and silage. Prerequisite, Inorganic Chemistry, Qualitative and Quantitative Analysis. 211A Winter, 221A Spring.

Four hours credit per term.

### Geology

301. Historical Geology. The prehuman history of the earth and life. The changes of geography and climate and growth of continents.

301 Autumn.

Three hours

311. Economic Geology. A study of the minerals and ores of commercial importance, their origin, occurrence and distribution. Geological processes and structures related to the concentration of ores.

311 Winter.

Three hours credit.

321. Field and Laboratory Course. A study of the physiography and geology of the southwest, and its relationship to the general development of North America. Methods of observation, deduction, and recording of geologic data. Field trips once per week, two laboratory periods.

321, Spring.

Three hours

### Physics

301. Mechanics. A general course in college physics. It presupposes a general course in Physics, offered for entrance.

Autumn, four hours.

Professor Miller.

311. Electricity. A lecture demonstration course in Physics, designed to meet the needs of students who need a practical knowledge of the subject.

Winter, four hours

Professor Miller.

321. Heat, Sound, and Light. A course suited particularly to students of agriculture. Of interest to any who desire a knowledge of this subject in advance of the high school course.

Spring, four hours

Professor Miller.

## THE BIOLOGICAL SCIENCES

### First Year

106, 116. General Zoology. An introduction to the general principles and concepts of Zoology. This course is designed to lay a broad foundation of the general principles of Zoology, as a part of liberal education, or as a preparation for the study of medicine. Lectures, Monday, Wednesday, and Friday. Laboratory work, Tuesday, Thursday, two sections. Two 2-hour laboratory periods each week are required. The course begins the first and is completed at the end of the second quarter.

Four hours  
Asst. Prof. Taylor

126. Vertebrate Zoology. Third Quarter. A transitory course from the invertebrates to the vertebrates. Laboratory work—special study of the frog in all its aspects.

Asst. Prof. Taylor

### Second Year

206, 216. Comparative Anatomy. First two quarters. An introduction to the study of the vertebrates and their relatives. The laboratory work includes dissection of the dog, fish, turtle, and cat, and the study of skeletons of several animals. Biology, together with this course, constitutes an excellent background for the study of Medicine. Prerequisite, Biology 101. Laboratory work Monday, Wednesday, Friday, two hours each. Lectures, Tuesday and Thursday.

Four hours per quarter  
Asst. Prof. Taylor

326. Animal Ecology. The lives of animals in relation to their environment and the relation between their structures and instincts and the situations in which they are emphasized. Attention is also given to aquatic organisms in their qualitative, quantitative, seasonal and sociological relations. Laboratory and field work. Hours for lectures and laboratory arrangement same as General Entomology. Spring quarter. Prerequisite, Biology 126.

Four hours  
Asst. Prof. Taylor

### Third Year

306. General Entomology. The life histories and characters of the representative groups of insects are studied. Laboratory work and field trips constitute an important part of the course. Recommended



as part of a liberal education as well as a good course for teachers. Lectures, Tuesday, or Thursday. Laboratory, four hours a week to be arranged. Prerequisite, one or its equivalent.

Four hours  
Asst. Prof. Taylor

316. Bacteriology. A practical and theoretical study of beneficial and destructive microscopic life. Emphasis is placed on the relation of Bacteria to animal and plant life. (Not offered in 1929-30)

Autumn, three hours

326. General Principles of Genetics.

Three hours  
Asst. Prof. Taylor

#### Fourth Year

406. General Embryology.

Four hours

416, 426. General Physiology.

Three hours

Not offered 1930 31.

206. Hygiene. (Lectures and Recitations) This study covers the principles of Hygiene, health, inspection, communicable diseases, heating, lighting, ventilation, etc. Autumn and Spring.

Three hours either quarter.  
Asst. Prof. Taylor and Assistant.

Botany 203. A technical study of Botany dealing with the general structure, life history, distribution, etc., of plants. Special attention is given to local plant life, and its economic relation to the animal life.

Spring, 3 hours.  
Asst. Prof. Taylor

**SCHOOL OF AGRICULTURE**

E. R. MOORE, Director

The objective of the School of Agriculture is the offering of such courses as will interest the students in becoming successful farmers, Extension agents, teachers of Vocational Agriculture, and capable farm managers. The courses include work in:

- Animal Husbandry
- Economic Science
- Agronomy
- Soils
- Fertilizers
- Horticulture
- Farm Engineering

Students are offered a founding course the first two years but should choose a major line of study for their Junior year which would lead to the developmnt of special skill.

The college farm consists of four hundred acres of land, Jersey and Holstein cattle, Duroc and Poland China swine, four hundred layers, Percheron brood mares, mules, colts, and farm machinery and offers a splendid opportunity for study. Students who are employed to assist in the care of the farm and stock and those who carry supervised subjects have an opportunity to test the course of instruction as they proceed with their studies.

Graduates of the College of Agriculture who have successfully completed the prescribed course should be well qualified for positions as: County Agents, Vocational Instructors, Farm Managers, Farm Operators, Dairymen and Livestock Buyers.

Upon the completion of the four-year course the degree of Bachelor of Science in Agriculture is conferred. Entrance requirements are the same as in all other schools of the College. Before receiving a degree the student must have had six months of practical farm experience.

**Freshman Year**

First Quarter	Second Quarter	Third Quarter
Chemistry 101A 4	Chemistry 111 A 4	Chemistry 121 A 4
English 3	English 3	English 3
Algebra 3	Algebra 3	Algebra 3
Animal Husbandry 2	Animal Husbandry 2	Animal Husbandry 2
Agronomy 2	Agronomy 2	Gardening 3
Agri. Eng.- Wood 1	Agric'l Eng.-Iron 1	Agric'l. Eng. 1
Military Science 1	Military Science 1	Military Science 1

**Sophomore Year**

Second Quarter	Third Quarter	First Quarter	
Chemistry, 201A	4 Chemistry, 211A	4 Chemistry, 221A	4
Physics	4 Botany	4 Botany	4
Animal Husbandry	3 Animal Hus. Poul.	3 Dairying	3
American History	3 American History	4 Am. Govt.	3
Military Science	1 Military Science	1 Military Science	1

**Junior Year**

2nd Quarter	2nd Quarter	Probs. in A. H. Agr.	
Zoology	4 Zoology	4 (Embryology)	2
Agric'l Eng.	2 Agric'l Eng.	2 (Entomology)	4
Chem. Agri. Analy.	3 Soils	3 Agric'l Eng.	2
Anim. Nutrition	3 Anim. Nutrition	3 Soils fertility	3
Elective	Elective	Anim. Nutrition	3
General Psychology	3 General Methods	3 Elective	
Prob. in A. H. Agr.	2 Voc. Ed.	Methods of Teach-	
	Prob. in A. H. Agr.	ing Voc. Ed.	3

**Senior Year**

First Quarter	Second Quarter	Third Quarter	
Intr'd to El. Ec.	3 Mkt'g Farm Prod.	2 Agric'l Coop.	3
Rural Sociology	3 Farm Management	4 Farm Management	1
Genetics	3 Hygiene	3 Public Speaking	1
Horticulture	3 Elective	Thesis	2
Elective	Voc. Ed.	3 Agricultural Jour.	1
Voc. Ed.	3	— Elective	
	—	15 Practice Teaching	6
	15		14

**Animal Husbandry**

104. Judging and evaluating Market Types of Fat and Feeder Hogs and Feeder Cattle.

Two 2-hour laboratory periods a week.  
Two hours

114. Judging Horses and Mules etc.

124. Judging Dairy types etc.

204. Survey of the poultry industry, its importance and uses of poultry products. Judging poultry and poultry products.

One 2-hour laboratory period  
Two 1-hour classes  
Three hours

214. Principles of Poultry Production:  
Housing and Breeds.

Three 1-hour classes a week  
Three hours

224. Several Principles of Dairying, etc.

304. Animal Nutrition.  
 Chemistry of feeds and Animal Metabolism.  
 Prerequisites—Chemistry CII 3.  
 Three 1-hour classes a week  
 Three hours
314. Animal Nutrition, Feeding, Horses, Swine and Beef Cattle.  
 Prerequisite A. H. 304.  
 Three 1-hour classes a week  
 Three hours
324. Feeding Farm Animals  
 Dairy Cattle and Poultry.  
 Three 1-hour classes a week  
 Three hours
- Elective:
- 404-A. Breed Studies, Historical and Pedigrees.  
 Two hours  
 Two 1-hour classes
224. General principles of dairying, care and management of milk,  
 including sanitary separation, Babcock testing, acidity tests  
 and clarifying. Ice cream and butter making.  
 Two 1-hour classes a week  
 One 2-hour lab.  
 Spring term. Three hours.

#### Agronomy

104. A study of the staple crops of Oklahoma, Cotton, Corn, Grain  
 sorghums R-1-2 Hr. Lab. 2
114. A study of the small grains and forage crops indigenous to  
 Oklahoma. Wheat, oats, barley, clover, alfalfa, sudan.  
 R.1 1-2 Hour Lab. 2
124. Gardening—The garden crops of Oklahoma Farm—Commercial,  
 and plant production in hot beds and cold frames.  
 R. 1, 1-2 Hr. Lab. 2
- 124-A. General Agriculture—A survey of Rural Oklahoma field  
 trips, etc. 3-1 R-3
- 124-B. Elective for teachers. School gardens 2R, 12 Hr. Lab. 3
304. Agricultural Analysis—  
 Prerequisite, Chemistry (CII 3)
314. Soils—Physical characteristics, structures and soil farming  
 agencies.  
 Prerequisite, Chemistry (CII 3)

324. Soils—Fertility and management.  
 Influences affecting their productive power.  
 Prerequisite, Agr. 314 R. 2, 1-2 hr. Lab. 3
404. Horticulture—A study of the fruits, indigenous to Oklahoma.—  
 propagation, pruning, spraying, judging, agronomy. Electives.  
 2 1 hr R-1 2 hr Lab.
- 404-A. Green house management—Credit as arranged.
424. Seed production.  
 Seed farm management—Credit as arranged.
- 424-A. Plant breeding.  
 Prerequisite—Genetics—Credit as arranged.

#### Agricultural Engineering

- 104-A. Carpentry—Care and use of tools. Repair of Farm buildings—  
 framing and lumber bills. Architectural drawing  
 2—2 hr. Lab. 2 Cr.
114. Forge—Forging and welding iron and steel making, hardening  
 and tempering small tools, soldering, pipe fitting.  
 1—3 hr. Labs. 2C
124. Harness making, repairing, and care, rope splicing  
 1—3 hr. Labs. 2Cr.
304. Terracing and drainage—Use of farm level—Terrace and Ditch  
 construction 1 R.—3 hr. Lab. 3
314. Farm Machinery and Farm Motors. Mechanics, materials, op-  
 eration, adjusting, testing and care R 2—1-3 hr. Lab. 3
324. Construction of Farm Buildings—concrete and its uses.  
 R. 2—1-3 hr. Lab.

#### Agricultural Economics

404. Introductory course in Elementary Economics.
414. Marketing Farm Products—Study of the set-ups for the major  
 farm crops—Especially of Oklahoma.
414. Marketing Farm Products—Study of the set-ups for the major  
 production. Choice of crops, cost accounting.  
 2 R—1-2 hr. Lab. 3 Cr.
424. Cooperative marketing, an analysis of the cooperative market-  
 ing organizations, origin, development and present operation.



Vocational Education

Majors

354. Vocational Education—A study of the principles, function and operation of vocational organization. To include the laws and plans regulating Vocational Education. 3—1 hr. R 3
361. General Psychology 3—1 hr. R 3
371. Vocational Educational— Principles of Agricultural Education. Introduction to Survey. 3-1 hr. R 3
451. Methods of Vocational Ed. covering making and summarizing farm surveys. 2 R—13 hr. Lab. 3
461. Method and Observation Teaching—To cover lesson planning, equipping class rooms, organizing and conducting evening and part time schools. 3—2 hr. Lab. 3
471. Practice Teaching—Half day daily in university.  
Vocational classes—Teaching and Supervision.

### THE SCHOOL OF EDUCATION

There is no phase of the state's education program more important than the preparation of teachers. Always there is call for more and better trained teachers and the new and larger demands are taxing our capacity throughout the year. Probably more students enroll for education courses than any other, as will be indicated in the student register.

The courses herein outlined have grown out of what seems to be the state's needs both as applied to theory and practice. Pupils are advised to consult the Director for detailed information about electives and courses particularly suited to individual needs.

The following figures and letters may be helpful to the student in arriving at data needed:

- 107-127—Freshman Courses
- 207-227—Sophomore Courses
- 307-327—Junior Courses
- 407-427—Senior Courses
- A—Administrative Courses
- E—Educational Courses
- M—Methods Courses
- P—Psychology Courses
- S—Survey Courses
- T—Teaching Courses

		<b>Freshman</b>			
Fall		Winter		Spring	
<b>E107</b>		General Methods	3	Psy. P117	3
(Intro. to Ed.)	3	English 112	3	English 122	3
<b>English 102</b>	3	Math. 113	3	Math. 123	3
<b>Math. 103</b>	3	Biology 116	4	Hygiene 206	3
<b>Biology 106</b>	4	Phys. Ed.	1	Penmanship	3
<b>Phys. Ed.</b>	1	Pub. Sch. Music	1	Phys. Ed.	1
<b>Pub. Sch. Music</b>	1		—		—
	—		15		16
	15				

		<b>Sophomore</b>			
Fall		Winter		Spring	
<b>Edu. Psy. 127</b>	3	Child Psy.	3	Prac. Teach (227T)	
<b>English 212</b>	3	English 213	3	or	
<b>History 208</b>	3	History 218	3	Modern Language	3
<b>Chemistry 101A</b>	4	Chemistry 111A	4	History 228	3
<b>Beginning Teach.</b>		(T217B) Observation		Chemistry 121A	4
(T207b)		or		Edu. Meas.	3
<b>or</b>		Modern Language	3	Eng. Grammar	3
<b>Modern Language</b>	3		—		—
	—		16		16
	16				

**Junior**

Fall	Winter	Spring
Princ. 2nd Educa. (E307) 3	School Adm. (A317) 3	(M327) Methods of Teaching High School Subjects 3
Economics 3	Economics 3	Political Science 3
English 3	English 3	English 3
Electives 6	Electives 6	Electives 6
Phys. Ed. 1	Phys. Ed. 1	Phys. Ed. 1
—	—	—
16	16	16

**Senior**

Fall	Winter	Spring
(T407) Teachers Course in Major Subjects 3	(T417) Observation Educational Soc. 417 3	T427 Prac. Teaching Rural Sociology 3
General Sociology 3	Electives 9	Electives 9
Electives 9	—	—
—	15	15
15		

E107. Introduction to Education. A systematized study of the science of learning with a view to establishing the principles of teaching; a study of the methods of applying the principles evolved from the problems of the group and individual teaching and discipline. Required of all Freshmen in Education.

Autumn, three hours  
Prof. Amerson

OM127. General Methods. This course is designed to follow E107. It makes a general survey of the principles of class-room technique. Discipline, classification, and the general administrative functions devolving upon the teacher receive attention.

Spring, three hours.  
Prof. Amerson

E207. Rural Education. A study embracing in a practical manner the current problems of the rural school teacher. The course is considered from both social and educational viewpoints with careful consideration of their historical setting and development.

Winter, three hours.  
Prof. Amerson

T207. Theory of Practice Teaching and Observation. Introduction to the teaching situation through observation and demonstration lessons, analysis of lessons, preparation of lesson plans and class discussions of assigned readings.

Autumn, 4 hours (Daily)  
Associate Prof. Alexander

E217. Educational Tests and Measurements. A study of the importance of measurements in Education; instruction in the use of

standardized educational tests and scales; methods of tabulating and interpreting results of measurements for the purpose of classification and promotion; a consideration of methods of measuring the efficiency of schools.

Spring, three hours.  
Prof. T. H. Anderson.

**T217. and T227.** Practice Teaching and Participation in class activities during the winter term. Teaching in the Spring term under the supervision of the demonstration teacher. Prerequisite Ed. M127, P117, P127, T207.

Winter, Spring, four hours.  
Associate Prof. Alexander

**E227.** History of Education. A development of American educational institutions, considering its origin and growth as influenced by foreign trends, and noting the various types of systems, theories, and policies as affected by evolutionary movements predominating the history of America.

Not offered in 1929-30.

Spring, three hours.

**E307.** Principles of Secondary Education. A study of the characteristics of the secondary school pupils; the organization of the secondary school; the reorganization and expansion of the curriculum to meet modern social and economic conditions; and the aims and principles underlying the secondary school procedure.

Autumn, three hours  
Prof. Amerson

**A317.** High School Administration. A course designed for prospective high school principals and departmental supervisors; dealing primarily with those administrative problems having direct bearing upon the successful development of the high school. The major topics include, organization and administration of the personnel, the principal and his relationship with the community, instruction and extra-curricula activities.

Winter, three hours.  
Prof. Amerson

**M327.** Methods of Teaching in High School. A general course for prospective teachers. Topics in the course include the objective of high school instruction; selection and organization of subject matter; acquiring motor skill; practice or drill; training in expression and enjoyment; self-activity; supervised study; lesson-planning and questioning; assigned readings; reports and textbooks; comprise the material used. Required of all students in Education.

Spring, three hours.  
Prof. Amerson

E407. The Junior High School. A course in the development, aim and principles of the Junior High School; its psychological foundation and relationship to elementary school and Senior High School; the problem of organizing, administering, and supervising various activities.

Autumn, three hours  
Prof. Amerson

T407. Teacher's Course in Major Subjects and Observation. This course applies to the teachers' course offered through the various departments, whereby the major students are permitted to study the problems and methods which are applicable in their particular fields. Observation of such problems is made under supervision. English Majors take the Teaching of English, T407A.—Science Majors, T407B, etc.

Professors Amerson, B. F. Lee, and Thos. Reid.

T407A. Teaching of English in the Secondary School. A course which deals with the principles and practices of teaching English in High School. Attention is given to various tests which are designed to be of value to the prospective English teacher. A paper of 2000 words is required on some research problem, pertaining to the teaching of English. Required of those having selected English as a major. Open to advanced juniors and seniors. Classroom, two hours per week; laboratory, five. Offered in co-operation with the department of English.

Autumn, three hours  
Prof. Anderson

S407. Current Problems in Education. A survey course developing in a systematic way studies of the problems arising in the field of education. Topics arising from educational publications of the Federal Bureau of Education, various research societies and educational foundations are scientifically developed. Not offered 1929-30.

Autumn, three hours

E417. Educational Sociology. A study of the relationship of education and the various educational institutions to the larger society of which all these institutions are a part. Prerequisite: General Sociology.

Winter, three hours.  
Prof. Amerson

A417. Public School Administration. The interpretation of the principles and policies of educational administration for those who are planning to become supervisors of high school or elementary school. Principles for class-room teachers; the organization and administrative control of state, county, and city school systems; prob-



lems of centralization, taxation, distribution of state school funds, budget training of teachers, etc.

Winter, three hours.  
Prof. Amerson

T427. High School Teaching. Directed practice teaching in the University High School. Required of all students enrolled in the department of education.

Spring, four hours  
Prof. Amerson

E427. Philosophy of Education. Education studied as a social agency; in relation to other agencies; at work in a democratic society; an effort to construct a satisfactory working theory of democratic education, considering such topics as the nature of education, principles of curriculum construction, and the principles underlying method. Not offered 1929-30.

Spring, three hours.

### Psychology

P117. General Psychology. A brief treatment of the nervous system as a physiological basis of mental behavior, and a fuller systematic presentation of the primary mental phenomena, such as sensation, association, etc.; the functional side of the subject as related to the teaching process; attention. This course serves as a prerequisite to all courses in Psychology.

Spring, three hours.  
Associate Prof. Anderson.

P127. Educational Psychology, Continued. Learning and habit formation; intelligence; memory; association; psychological theories underlying educational practice; the application of the findings of psychology to educational procedure.

Fall, three hours  
Associate Prof. Anderson, and  
Prof. Amerson

P207. Psychology of Childhood. A study of the psychological and intellectual development of the child; the characteristics of these stages; aim and methods of child study; and the most acceptable methods to use in child training.

Winter, three hours  
Associate Prof. Anderson.

P227. Adolescent Psychology. A study of the mental activities and the behavior of children during the adolescent stage and the stage immediately preceding; the application of the study to the problems of group organization, etc.

Spring, three hours.  
Associate Prof. Anderson.

P307. Abnormal Psychology. A study of abnormal mental types; mental diseases and methods of dealing with them. Prerequisites: 9 hours of Psychology.

Fall, three hours  
Associate Prof. Anderson.

P317. Psychology of High School Subjects. An effort to discover the psychologic principles that underlie the basic subjects taught in the high school; an aim to develop sound class-room methods and procedure.

Winter, three hours  
Associate Prof. Anderson.

P327. Mental Tests. A study of the various kinds of tests; administration of tests; reliability and validity of various intelligence tests; application of results of tests.

Spring, three hours.  
Associate Prof. Anderson.

### **Philosophy**

Philosophy 1. Introductory Ethics. A survey of the prevailing ethical theories with reference to their bearing on conduct in individual and social life.

Fall, three hours  
Rev. Starks

Philosophy 2. Logic. A study of the psychological laws underlying reasoning, with an analysis of the traditional forms of the syllogisms from the psychological point of view.

(Not offered in 1929-30)

Winter, three hours

### SCHOOL OF BUSINESS EDUCATION

With the growth in size of industrial and commercial units and the increase in complexity of business during the past generation, the need for a training to aid students in mastering the principles of administration has become insistent. In former times the man of general education who worked up from the bottom had a better chance to understand the scope of his particular business and of industry in general than he now has. Today, because no single business can give as complete a training to its beginner, a business school offers to the student the best opportunity to acquire a knowledge of the principles of industry and provides the training needed for their practice.

#### Objectives of School

In the belief that the principles underlying business administration could be defined and taught more quickly and better than through the process of the usual apprenticeship, the Business Administration Department was founded in Langston in 1928. From the first the aim has been to give training directed at the problems to be met by its graduates, not in the first few years of business life, but in the period beginning several years later when they have passed the probationary period, gained the confidence of the employer, and earned an opportunity for executive responsibility.

The School trains students broadly in the fundamentals of accounting, the methods of statistical analysis, and the general principles of production, distribution, and finance; further it gives an appreciation of the economic forces affecting business.

An understanding of these principles is acquired through their constant application in the analysis and discussion of problems taken from actual business.

The same standards for admission to the college apply to the College of Business Administration.

Instruction in the School consists mainly of classroom discussions with frequent reports upon specific cases or problems as they occur in business.

Business Education, like other divisions, is given nine hours in the Freshman and nine hours in the Sophomore year. These are taken in connection with other required or fundamental subjects of these two years. In the Junior year these become Majors and the student branches out extensively in his special field.

**BUSINESS ADMINISTRATION**

**Freshman**

First Quarter	English 112	3	English 122	3	
English 102	3	Chemistry 111	4	Chemistry 121	4
Chemistry 101	4	Mathematics 113	3	Mathematics 123	3
Mathematics 103	3	Economics 312	3	Economics	3
Economics 311	3	Accounting 140	2	Accounting 160	2
Accounting 130	2	Physical Ed.	1	Physical Ed.	1
Physical Ed.	1				
	—		—		—
	16		16		16

**Sophomore**

English 200	3	English 212	3	English 213	3
Amer. Hist. 208	3	Amer. Hist.	3	Amer. Gov. 228	3
Bus. Organ. 180	3	Busi. Organ. 180A	3	Busi. Organ. 183	3
Economics 320	3	Economics 330	3	Economics 335	3
Zoology 106	4	Zoology 116	4	Physical Ed.	1
	—		—	Psychology 117	3
	16		16		—
					16

**Junior**

Busi. Organ. 160	3	Busi. Organ. 270	3	Business Organ.	3
Sociology 202	3	Federal Con. 319	3	Economic History	
French 151	3	French 161	3	of United States	3
Physical Ed.	1	Physical Ed.	1	Busi. Organ. 350	3
Electives	6	Electives	6	French 171	3
	—		—	Physical Ed.	1
	16		16	Electives	3
					—
					16

**Senior**

Bus. Organ. 430	3	Busi. Organ. 440	3	Busi. Organ. 450	3
Psychology 127	3	Education (E217)	3	Hygiene	3
Electives	9	Electives	9	Education	3
	—		—	Electives	6
	15		15		—
					15

In the following courses a credit hour represents the completion of one hour's work per week for one quarter, consisting of lectures, recitations, preparations, or laboratory work.

130. Principles of Accounting. Introductory course designed to furnish such a knowledge of accounting as will be of value to the business executive and will also serve as a foundation for the work of the professional accountant. Lecture 1 hour, quiz 1, laboratory 3, credit, 3 hours.

Autumn, two hours

140. Principles of Accounting. Course 130 continued.

Winter, two hours

150. Principles of Accounting. Course 140 continued.

Spring, two hours.

160. Advanced Accounting. Analysis and interpretation of financial and operating statements, statements of application of funds, accounting problems of partnership and corporations, branch houses, consignments, installment sales, insolvent concerns, etc.

Three hours

180. Introduction to Business Administration. Introductory study of the problems of the business executive as they relate to the different phases of business activity—Production, marketing, finance, personnel, risk-bearing.

Winter, three hours

180A. Introduction to Business Administration. Course 180 continued.

Three hours.

183. Advanced Business Administration.

Three hours

190. Office Management. Problems of office organization and management; classification of office activities, distribution of authority and responsibility, employment, promotion, compensation, measurement of efficiency, office procedure, office layout, indexing, filing, etc.

220. Money and Banking.

Three hours, winter.

Winter, three hours

330-345 Bank Management. The Balance Sheet of a Commercial Bank; analysis of earning and expense; organization and powers of credit analysis; loans and discounts; bank portfolios; examinations; failures.

450. Principles of Real Estate Practice. Fall Quarter. An advanced course in the land economics series. The business as a profession, office organization, records, property management, appraising, legal considerations, advertising and selling real estate, financing, subdivision planning and building operations are industriously treated.

Three hours

480. Advertising Theory. Theory of the functions of advertising; types, characteristics and uses of the following kinds of advertising; magazine, newspaper, direct advertising, outdoor advertising, publicity methods; advertising investigation, and a study of current advertising.

Three hours

270. Cost accounting.

Three hours



340. Salesmanship and Sales Management. Wholesale, retail and specialty salesmanship, buying motives, personal selling processes; field of salesmanagement; the product; the market; marketing methods; management of the sales force; sales-promotion; the product adjustment to market demand.

Three hours

350. Business Law. Course in Contracts, including mistake, fraud, duress, and capacity of parties; sales and mortgages of personal property; bailments.

Winter, three hours

430-440 Business Statistics. This course is designated to afford training in the use of quantitative methods in Economics and Business. It is meant for students who wish to acquire some degree of proficiency in statistics. Methods of statistical analysis are developed and attention is given to the application of these methods in the study of economic problems and in the analysis of general business conditions. Prerequisite, College Algebra, (Math. 103, 113, 123.)

### COMMERCIAL LIFE CERTIFICATE

Many students seek the Life Certificate for teaching Commercial Arts. They may receive the same upon the completion of the following courses:

First Quarter	Hrs.	Second Quarter	Hrs	Psychology 117	3
Education	3	Edu. M127	3	English 122	3
Economics 311	3	English 127	3	Economics	3
Comm. Arts 123C	1	Economic 312	3	Bus. Org. 350	3
English 102	3	Math. 113	3	Comm. Arts 128C	3
Math 103	3	Comm. Arts	3	Comm. Arts 125C	1
Comm. Arts 126C	3	Comm. Arts 127C	3		—
	—	Comm Arts 124C	1		16
	16		—		
			16		

### Second Year

English 200	3	Penmanship	3	Education E217	3
Am. Hist. 208	2	Psychology 207	z 3	Government 228	3
Phys. Ed. 209	1	Phys. Ed. 219	1	Gen. Hygiene	3
Psychology 117	3	Am. Hist. 218	3	Phys. Ed. 229	1
Comm. Arts 204C	3	Comm. Arts 205C	3	Comm. Arts 206C	3
Electives	3	Elective (Edu)	3	Elective (Edu)	3
	—		—		—
	16		16		16

## DESCRIPTION OF COURSES

### Life Certificate

123C. Principles of Typewriting. Beginning work in touch typewriting, covering position at machine, learning keyboard, uniform touch and correct fingering, with instruction in the care and adjustment of the machine; credit 1 hour, Autumn.

124C. Principles of Typewriting. Continuation of course 123. Credit, 1 hour, Winter.

125C. Advanced Typewriting. Letter writing, designing and different kinds of tabulating. Credit, 1 hour. Spring.

126C. Principles of Shorthand. Mastery of the rules and principles of Gregg Shorthand. Credit 3 hours. Winter.

127C. Principles of Shorthand. Dictation and transcription. Fifty perfect letters must be turned in. Credit 3 hours, Winter.

128C. Advanced Dictation. A study is made of terms that are familiar with different types of business. Secretarial training is also given here. Credit 3 hours. Spring,

204C. Methods of Teaching Shorthand. Observation and Practice Teaching of Shorthand. Credit, 3 hours, Autumn.

205C. Methods of Teaching Typewriting. Observation and practice teaching of typewriting. Credit, 3 hours. Autumn.

206C. Methods of Teaching Bookkeeping. Observation and Practice Teaching of Bookkeeping. Credit, 3 hours, Winter.

## SCHOOL OF HOME ECONOMICS

### Helen Gould Tyler

The School of Home Economics, with the session of 1929-30 entered its new quarters in the Science building, splendidly equipped for the work at hand. College work proper, or work of entirely college grade, was given from the theoretical and practical point of view, with appropriate model and laboratory equipment to reach the desired objective. It was also kept in mind that teachers are in preparation for various types of vocational work and the instruction given was of a highly suggestive nature, encouraging investigation on the part of the student. The courses as outlined herewith, running through the Junior and Senior years are based upon preliminary work of the Freshman and Sophomore years and are taken by the students majoring in Home Economics. Pupils interested should study carefully the outline and the description of the various courses. Those finishing the four-year course will be granted the Bachelor of Science Degree in Home Economics.

**HOME ECONOMICS**

**Freshman**

First Quarter		Second Quarter		Third Quarter	
Course	Hours	Course	Hours	Intro. Lit. 122	3
Eng. Comp. 102	3	Eng. Comp. 112B	3	Chemistry 121 A	4
Inorg Chem. 101A	4	Inorg Chem 111A	4	Mathematics 123	3
Math. 103	3	Mathematic 113	3	Psychology 117	3
Clothing 101	3	Clothing 112	3	Costume Design 123	3
Art and Design	1	Art and Design	1	Physical Education 1	1
Physical Education	1	Physical Education	1		—
	—		—		17
	15		15		

**Sophomore**

English 200	3	Home Ec. 250		Technique of teach-	
American Hist 208	3	Home Furnishing and		ing	3
Zoology	4	Interior Decoration	3	Amer. Govt. 228	3
Foods, 206	3	American Hist, 218	3	Hygiene	3
Psychology 127	3	Zoology	4	Foods 226	3
	—	Foods 216	3	Adolescent Psy.	3
	16	Child Psychology	3	Tests and Meas.	3
			—		—
			16		18

**Junior**

Organic Chemistry	4	Home Nursing and		Home Management	3
Child Care	3	First Aid	3	Advanced Clothing	3
Sociology	3	Textiles	3	Nutrition and	
French	3	Nutrition and		Dietetics	3
Methods Teaching		Dietetics	3	French	3
H. E.	3	French	3	Bio. 316	3
	—	Economics	3	Physical Education 1	1
	16	Economics	3		—
			—		15
			16		

**Senior**

Practice Teaching	3	English 343	3	Art Appreciation	3
Food Chem.	4	Federal Constitution	3	Practice Teaching	3
English 212	3	Institutional Cookery		Institutional Cookery	
Physical Education	1	and Management	3	and Management	3
Elective	3	Electives	6	Electives	6
	—		—		—
	14		15		15

**HOME ECONOMICS COURSES**

101. Clothing. Selection of material, simple designing and garment construction. Autumn, three hours.

112. Continuation of H. E. 105. Winter, three hours.

123. Costume Design. Spring, three hours.

135. Art and Design. A course offered to acquaint the student with the fundamentals of art and design.

Each Quarter, one hour.

H. E. 206, 216, 226. Foods—Study of the classification, function and sources of foods. Principles of cookery, canning and preserving Meal planning, preparation and serving. Prerequisite, Chemistry 121A.

Three hours per quarter

H. E. 205. Home Furnishing and Interior Decoration. General study of furnishings suitable for various rooms; their arrangement and designs. Principles of decoration essential for the home. Prerequisite Home Ec. 135. Winter quarter, three hours.

Home Economics 326. Methods of Teaching Home Economics A study of the organization and general methods as applied to Home Economics teaching. Prerequisite, Education.

Home Economics 405. Institutional Cookery and Management. A study of principles of Institutional Management and Cookery for large quantities. The school cafeteria could serve as the laboratory for this course. Prerequisite: Chemistry 121A, Home Economics 205.

Home Economics 340. Advanced Clothing. Drafting and Pattern Alteration. Draping and fitting of garments. Prerequisite, Home Economics 105, 115, and 125. Home Economics 135.

Home Economics 305. Child Care. Problems relating to the physical and mental welfare of the child.

Three hours

Home Economics 315. Home Nursing. Care of the sick, treatment of injuries and wounds in simple home and school emergency cases.

Home Economics 325. Textiles. A study of the manufacture, production, and use of textile fabrics. Some experimental work with textiles. Prerequisite: Home Economics 105 and 115.

Three hours

Home Economics 335. Home Management. A study of the organization and management of the home. The practice cottage will serve as a laboratory for this course. Prerequisite: Home Economics 235 and Home Economics 305.

Three hours

Home Economics 345. Dietetics and Nutrition. Study of food requirements for the normal family and special study of diet in disease. Prerequisite: Home Economics 205, 225, and Organic Chemistry.

Three hours



**SCHOOL OF MECHANICS AND INDUSTRIAL ARTS**

**E. A. Miler, Director**

In the School of Mechanic and Industrial Arts as affecting the college work the purpose is to offer opportunity for students so inclined to follow out vocational lines begun in the preparatory school; therefore, the instruction is of an advanced type and includes much theory, and in many respects is given from a teacher's aspect. It is supposed that the student has had at least four years in his particular line before entering college. Credit courses in Manual Arts, Tailoring, Manual Training, Shoe Making, and Repairing, are allowed on a State Certificate and credit courses for degrees may be taken in Printing, Shoe Making and Repairing, Auto Mechanics, Tailoring, and Laundry. For information about these special courses and the amount of credit allowed, students should consult the Registrar or Dean of the Faculty.

**DEGREE COURSE**

**Industrial Engineering**

The Course in Industrial Engineering prepares the Student to enter Organizations in positions leading to Superintendence, purchasing agent, Selling, Scientific Management and Industrial Business Administration. It prepares the Graduate for the competent handling of such subjects as Departmental Management in Factories, determination of costs, depreciation, manufacturing statistics, proper distribution of expense, the handling of stores, stocks and orders, sales, purchasing, and planning of production and production methods, leading ultimately to Works manager or Superintendent.

**Freshman Year**

1st Quarter		2nd Quarter		3rd Quarter	
*Chemistry 101	5	Chemistry 111	5	Chemistry 121	5
Mech. Draw 101	2	Mech. Draw 102	2	Mech. Draw. 103	2
*English 102	3	English 102	3	English 103	3
*Math. 103	3	Math. 113	3	Math. 123	3
Man. arts 101	2	Practical arts 104	2	Pract. Arts 107	2
		Psychology 102	3	Elec. Psy. 103	3

**Second Year**

*Physics 201	5	Physics 202	5	Physics 203	5
*Math. 201	3	Math. 202	3	Math. 203	3
*English 201	3	English	3	English 2	3
*History 208	3	History 208	3	History 208	3
Prac. Arts 201	2	Prac. Arts 202	2	Prac. Arts 203	2



**Third Year**

Commerce 301	2	Commerce 302	2	Commerce 303	4
Heat Eng. 301	2	Heat Eng. 302	2	Heat. Eng. 303	2
Electives 301	2	Heat Eng. 312	4	Heat. Eng. 313	4
*Economics 301	3	Econ 302	3	Econ. 303	3
*Psychology 301	3	Psychology 302	3	Psychology 303	3
Electives 301	3	Electives 302	3		

**Fourth Year**

Commerce 401	4	Eng. Law 402	3	L. E. 403	3
Prac. Arts 401	2	E. E. 402	4	E. E. 403	4
*Hist. of Edu.	3	Ed. Sociology	3	Pol. Science	3
Electives	6	Electives	6	Electives	3
*Modern Language	3	Modern Language	3	Modern Language	3

Note—All courses preceded by a Star will be taken in College of Arts and Sciences, other courses will be under the School of Engineering. A outline of these Courses (Arts and Sciences) will be found under their respective Schools.

**Description of Courses**

Mechanical Drawing 101E. Methods used in making working drawings, assemblies, the making of isometric and cabinet drawings and machine sketches.

Mechanical Drawing 111E. Continuation of Course 101E.

Practical Arts 101E. Correct methods of using common wood-working tools, are taught, the reading of architectural drawings, and learning the use of woodworking machinery.

Practical Arts 111E. For advanced students, those who have had an acceptable woodworking course in high school, and shall consist of analysis of drawing, a study of woods and the proper finishes for each.

Practical Arts 121 E. Forging which shall consist of drawing, bending, twisting, upsetting, welding. The projects are of a practical type, many of which are involved in or are incidental to Engineering Construction.

Practical Arts 201E. Machine Tool Work: Operation of machine tools, special attention being given to grinding of tools according to the latest methods, lectures will be given on machine tools and their operation, special stress being placed upon precision measurements.

Practicum 4 hours. Two hours'

Practical Arts 211E. Practical electricity; consisting of ordinary wiring problems, motor construction, detecting faults, and the prevention of accidents.

Practicum 4 hours. Two hours'

Practical Arts 221E. Sanitation of buildings. The principles of design of plumbing systems for buildings, including both the water supply and the drainage systems, with some discussion of methods of purification of water and sewage disposal.

Recitation, two hours. Two hours'

Engineering Law 411. Engineering Contracts. The law covering engineering practice, contracts, and specifications.

Lectures and Recitations, 2 hours. Two hours'

Ht. Engines 301E. Mechanical Engineering of Power Plants. A comprehensive survey treating of the principle elements found in the up-to-date Power Plant. Special stress is placed upon theory as well as construction of steam engines, turbines, boilers, condensers, pumps and other apparatus.

Recitation 2 hours. Two hours'

Ht. Engines 311E. A study of fuels together with the general principles of combustion and heat transference, also a study of the methods of heating and ventilation of buildings; as a part of this course students are required to design a complete plant for a given building.

Recitation, 3 hours. Three hours'

Ht. Engines 321E. Steam Boiler Operation. An advanced course in Steam Boiler Operation in which particular attention is paid to the operation and maintenance of the school plant, with methods of decreasing common losses.

Practicum 8 hours. Four hours'

Mechanics 301E. Elementary Mechanics. Statistics, Rectilinear and curvilinear motions, moments of inertia, work, energy, power.

Recitation, three hours. Three hours'

Mechanics 311E. Applied Mechanics and a continuation of the elementary course.

Recitation, three hours. Three hours'

Electives are offered in the following:

Surveying 301E. A series of lectures covering the use of the Instruments and methods of Plane Surveying.

Recitation 1 hour. One hour

Surveying 311E. A continuation of Course 301 E with field experience in mapping the school campus, computations and drafting.

Practicum, 4 hours. Two hours'

Mechanical Drawing 121E. An advanced course in Mechanical Drawing, continuation of course 111E, consisting of Engineering Problems.

Practicum, 4 hours. Two hours'

Electrical Engineering 401E. Radio Communication. Radio systems, vacuum tubes, wave meters, and other instruments, practice in tuning circuits.

Recitation, 1 hour. Two hours'

Electrical Engineering 411E. Electric Illumination, principles of illumination, interior and exterior, reflecting media, illumination plans, etc.

Recitation, 2 hours. Two hours'

NOTE: It is expressly stated that any of the above elective courses may be offered by the department in any one year.

#### **Advanced Trades Courses**

Advanced courses for teachers in the following trades: Tailoring, Manual Training, Shoe-making, are offered and may be counted for credit toward a teacher's certificate or Science degree. These must be arranged for in the office of the Dean and by the consent and advice of the Director of Trades School.

## VOCATIONAL TRADES IN HIGH SCHOOL

### DIVISION OF TAILORING

Introduction, First Year: Teaching a boy to use his needle; operate the sewing machine and assemble and press a garment; making overall coat and pants. Making pockets; making bibs; making suspenders; making the parts of the overalls; joining the different seams, applying the measures; pressing the job; the different parts of a coat, making welt seams; making the front; joining the different seams; putting on collar; locating and cutting and making the buttonholes; pressing an overall suit.

Garment Construction I. Making Trousers: How to receive a job; thread marking and serging; butting and trimming; putting in pockets shaping trousers, joining up job, how to press the seams; making buttonholes and putting on buttons; cutting and felling in various kinds of lining; how to press the job.

Garment Construction II. Making a vest. How to receive the job; basting the vest on the padding trimming; locating and making welts the pockets; making the edge thin; putting on edge stay facings and collar; making the back; joining the shoulders; side seams and strap, pressing the job.

#### Second Year

Garment Construction III. Making a coat; receiving the job; thread marking and cutting trimmings; making canvass; making pockets including flaps; welts and stays; basting the seams with or without seams; pressing the job; shaping the canvas; padding the lapels; felling the edge stay.

Garment Construction IV. Marking facings; basting the facing on the coat stitching and making the edge; pressing the edge and front; basting the lining; trimming up and felling the bottom; making the under collar; basting on and trimming the under collar; elementary drafting and cutting.

### LAUNDERING

#### First Year

Soaps—  
Sodas—  
Chlorines—

Starches—  
Blues—  
Colors—

Machines—  
Belts—

#### Second Year

Fabrics—  
Rust, Mildew, Grease—  
Chemical Plication—  
Wash room Management  
General Routine—

Sanitary Science—  
Record and Time—  
Rudimental bacteriology—  
Why used in the laundry—

**COURSES IN SHOEMAKING AND LEATHER INDUSTRIES****First Year**

Mechanical drawing of the Shoemaker's Bench and tool box; then the making of Bench and Box as per drawing plan; learning to take care of shop and tools; use, care and sharpening of hand tools; thread breaking and making threads and ends; making different stitches evenly and straight; common or nail half soleing and heeling; preparing leather for use; operating rip machine and patching with same and hand; putting on rubber heels; operating sole cutter, skiver, and heel Reover or reducing machine; operating electric finisher; joining and splicing straps, lines, harness, etc. Hand sewing and riveting straps, lines, harness, etc. Washing, oiling, or polishing harness; repairing and preparing insoles; putting on hooks; putting in eyelets and branding on buttons; and studying the different leathers.

**Second Year**

Review of the first year's work; economical study of heels and how to build them to best suit the wearer; cutting stock out of the skin to advantage; repairing or turn sole shoes; cutting leather to best advantage; grading and selecting leather to the best advantage; grading and selecting leather to best suited purpose or result decided; bottoming shoes; instruction given in estimating cost of material; measuring feet and fitting up lasts; putting uppers together; operating stitcher; making bridles, lines, and harness.

**PRINTING**

A well arranged course covering a period of two years has been provided.

A certificate of graduation will be given those who complete this course to the satisfaction of the Faculty.

**First Year**

Care of office, presses, rollers, stones and galleys. Learning type faces, sizes and names. Learning the technical terms used in the printer's trade.

Signs and proof readers' marks; the lay of news and job cases, manuscript, punctuation, capitalization and the construction of sentences. Learning how to make ready on a job press.

Learning how to make ready and run a cylinder press. Careful attention given to gripper margin as well as the register of pages, impression and distribution of ink. Learning the care of ink and the mixing of colors.



Printing from half tone cuts. Learning to make letter heads, scratch pads and blank books. Use of paper cutter. Learning names and sizes of papers, letter heads, programs, briefs, posters, dodgers, business and visiting cards.

### Second Year

Job composition from pen and ink designs in which rule work is made a special feature. Book binding. Great care is taken in teaching the importance of spacing.

Measuring type, casting off copy, imposing newspaper forms. Special practice on exhibition work.

Overlays and underlays on book forms and half tone cuts. Making out orders for type and materials for the office. Estimating on the cost of small jobs.

Writing essays on the printer's art and allied subjects. Lecture on color printing, journalism, and the progress of the art. Special work on specimen printing for graduating exercises and exhibit room.

Writing essays on the printer's art and allied subjects. Lectures on color printing, journalism and the progress of the art. Special work on specimen printing for graduation exercises and exhibit room.

## RADIO COURSE

### SPECIAL

#### COVERS—

The theory of Radiophone transmission and reception. The construction of various types of transmitters, receivers and other radio apparatus.

Power Plant Designing. This subject is intended for students who will not take a course in engineering, but wish to become acquainted with the designing and erection of power plants and sub stations.

Armature Winding. This subject is a practical and actual work of winding armatures will be performed by the individual.

Machine Shop Practice. This work will include the operation of lathes, sharpeners and other kindred machinery.

## AUTO MECHANICS

H. J. Hendricks, Instructor

This course is a three-year trade certificate course where the student gets his related work; theory and sketching from the shop instructor. Four periods a day are taken up in the shop and the remaining time is taken up with his regular high school subjects. The course is so arranged that if the boy drops out after the completion

of two years he has obtained the required subjects and give him a good starting foundation in the industry.

It is the purpose of the school, however, to turn out journeymen mechanics. We claim to instruct students thoroughly and systematically in the shortest possible time in the fundamental principles and in the practice of the trade being learned.

### COURSE OF STUDY

#### Two Year Course

##### First Year Shop:

First Term: Tool and stock room; frame, spring and body work, wheel and tire work.

Second Term. Cooling system; front axle and steering Mechanism; rear axle and brakes.

Third Term. Transmission and clutch; lubrication and fuels.

##### Second Year Shop:

First Term. Differential and universal joint; engine work.

Second Term. Carburation; starting and lighting.

Third Term. Battery work; ignition systems.

#### OXY-ACETYLENE AND ELECTRIC WELDING COURSE COVERS—

Industrial metal and their alloys. Acetylene generators, construction and operation. The theory and practice of electric welding, soldering and brazing.

### MANUAL TRAINING

CHAS. E. KING

#### First and Second Years

The course is so arranged that students may continue their training from the grammar grades. The first two years include the following:

Joinery.

Board and frame structures.

Beginners' cabinet making.

Panneled structures.

The study of trees, their location and change from timber into lumber.

Fastening with glue, nails and screws.

The use of various shop machines.

Mechanical drawing.

Staining and varnishing.

Plan reading.

### Third and Fourth Years

Advanced cabinet making.  
Mill work.  
Setting, joining, and filing of circular and band saws.  
Grinding and setting knives of various machines.  
Study of the steel square and uses.  
Lathe parts; care of lathe and tools.  
Wood turning.  
Wood finishing.  
Mechanical drawing.  
Plan reading.  
Prerequisite: Grammar School Manual Training.

## CARPENTRY

### TWO YEAR TEACHERS' COURSE IN MANUAL TRAINING

#### First Year

Bench Woodwork—(wood finishing and upholstering).  
Care and uses of woodworking machines—(emphasis is placed upon practical work with machinery. Instruction is given through demonstration and practical work.)  
Wood Turning—This subject includes a study of the historical development of the lathe, a thorough drill in the cutting action of turning tools, methods of holding them.  
Projects in spindle, face, plate, chuck and mandrel turning.  
Finishing and polishing.  
Mechanical drawing.  
Machine drawing.

#### Second Year

Care of shop equipment—(includes the best arrangement of benches, machines, and other equipment).  
Carpentry—(framing and rafter cutting).  
Methods of teaching manual training.  
Mechanical drawing.  
Architectural drawing.  
Machine drawing.  
Furniture design.  
Prerequisite: The completion of an accredited high school course.

### MILITARY SCIENCE AND TACTICS

MILITARY ART. (a) Physical drill (Manual of Physical Training, Koehler); Infantry drill (U. S. Infantry Drill Regulations), to include the School of the Soldier. Squad and Company, close and extended order, preliminary instruction, sighting position and aiming drills, nomenclature and care of rifle and equipment.

(b) Theory of target practice individual and collective; military organization (Tables of Organization); map reading; service of security, personal hygiene.

MILITARY ART (2) Physical Drill (Manual of Physical Training, Koehler); Infantry drill (U. S. Infantry Drill Regulations,) to include School of Battalion; ceremonies; manual (Part 5, Infantry Drill Regulations); bayonet combat; intrenchments (584-585 Infantry Drill Regulations); first aid instructions; range and gallery practice.

(b) Lectures, general military policy as shown by military history of United States and military obligations of Citizenship; service of information; combat (to be illustrated by small tactical exercises); U. S. Infantry Drill Regulations to include school of company; camp sanitation for small commands.

Three hours per week, last half year.

Lectures, military history; service of information and security (illustrated by small tactics; problems in patrolling, advance guards, rear guards, flank guards, trench and mine warfare, orders, messages and camping expedients; marches and camps (Field Service Regulations and Infantry and Infantry Drill Regulations.)

### PHYSICAL EDUCATION

W. E. Anderson, Director

E. V. Smith, Professor and Assistant Director

In recent years increasing attention is given to the development and strengthening of the human body. This is based fundamentally upon the age-old dictum. "Sana mens in sano corpore." At any rate, there is a very large demand in our public school system for teachers trained for play-ground instruction and systematic gymnastic evolutions. This includes also courses in modern games of baseball, basketball, and football, as played in the college world. The courses outlined herein are designed in a large way to meet these needs.

### Physical Education for Women

#### Description of Courses

109. ORGANIZED ATHLETICS. Simple organized games followed by volley ball, basketball, soccer, indoor baseball and hockey in their season.

Two classes a week. One hour

119. FOLK AND NATIONAL DANCING. Group country dances of different European countries will be given.

Two classes a week. One hour

129. FORMAL GYMNASTICS. Marching tactics, freehand calisthenics in the Swedish, German, Danish, and American Systems, and various forms of floor exercises.

Two classes a week. One hour

139. CHARACTER DANCING. This includes clogs, jigs, and gymnastic dances especially suited to boys and girls of adolescent age and planned to meet the needs of the teacher under various school conditions.

Two classes a week. One hour

149. RHYTHMIC ACTIVITIES FOR PRIMARY AND ELEMENTARY GRADES. Designed for teachers and leaders of the younger children; includes program of singing games or simple dramatic actions of songs or games adapted to school rooms, school yards, playgrounds and gymnasiums. Note book required.

Two classes a week. One hour

209. A PROGRAM OF PHYSICAL EDUCATION. Activities for Rural Schools; self-testing activities; hunting activities; athletics for individuals and groups; relief period exercises, and how to conduct such after school activities as Field Days, Kite Flying Tournaments, Stilt Walking, etc. Notebooks required.

Four days a week. One hour

219. PLAYGROUND ACTIVITIES. Demonstration and practice of plays and games suitable for children of the elementary grades. Notebooks required.

Four Classes a week. One hour

229. FIRST AID. Notebooks required.

Two classes a week. One hour

239. HEALTH TRAINING IN ELEMENTARY SCHOOLS. A graded outline for teaching health habits to the first eight grades; demonstration and practice teaching in classroom; notebook, scrapbook and poster required.

Four Classes a week. One hour



309. THEORY OF COACHING. Various organized games in season; methods of training teams and play formations. Notebooks required.

Four Classes a week. One hour

319. PLAYGROUND SUPERVISION. The theory of play, organization of tournaments, meets, festivals, equipment of playground, including construction of hand-made apparatus. Prerequisites:

329. SCHOOL DRAMA AND FESTIVALS. Includes dramatization of children's stories, organization of school and community play days; how to plan, organize and conduct festivals and pageants. Notebooks required.

Two days a week. One hour

409. PHYSICAL EXAMINATION AND GROWTH DIVERGENCIES. For elementary and high school teachers; a study of the normal human body; divergencies from the normal defects; growth handicaps and their control; a course in child pathology for educators; also the special technique in determining or estimating individual needs and capacities for physical training activities and the adaptation of activities; detection of impairments for reference to physician.

Four days a week. Two hour

419. NATURAL DANCING. A course of dancing based on natural and rhythmic movement; the interpretation of music through dancing solo and group dances are presented, which are adaptable to outdoor festivities and pageants.

Four days a week. Two hour

429. COMMUNITY RECREATION. Methods of arousing interest in indoor recreation; how to promote social events for all occasions; principles for the adaptation of recreation activities to the needs and capacities of community group; organization and conduct of community progress for all occasions.

One hour

439. ANATOMY. A study of the skeleton, joints, origin and insertion of the muscles, circulatory and nervous systems, thoracic and abdominal viscera.

Four days a week. Two hours' credit.

**SCHOOL OF FINE ARTS**

**MUSIC**

The Music Department which occupies the eastern part of the Gymnasium, owns eleven pianos, three of which are large cabinet grands.

It is the aim of this Department to give its students a thorough training in pianoforte, harmony, theory, voice culture, public school music, band and orchestra.

Full credit for all accredited work done elsewhere will be given. The work in piano, leading to graduation, is divided into the following courses:

Elementary, Intermediate, Advanced. To progress from one course to the next, the student must pass an examination before the music faculty. This examination includes the performance of technical exercises, studies, studies and pieces agreed upon by the piano teachers and is given some time during the spring quarter.

Candidates for graduation must have completed the course as laid down in the catalogue, and in addition, the course in harmony, theory and history of music. Each candidate for graduation will be required to give a graduation recital, and must have finished the work in the academic course or its equivalent.

All students in the full course of study will be required to practice three hours per day and take two lessons weekly.

**Voice**

The study of voice is an important study in the Music Department, its aim is to develop pure tones, flexibility, distinct enunciation, style, and interpretation.

**COURSE**

**First Year**

	First Term	Second Term	Third Term
Voice (1 hour daily practice) .....	2	2	4
Theory .....	2	2	4
Tone Work .....	1	1	2
Ear Training .....	2	2	4
Appreciation .....	1	1	2
Musical History .....	2	2	4
Applied Harmony .....	2	2	4

## Second Year

Voice (1 hour daily practice) .....	2	2	4
Theory .....	2	2	4
Psychology as Applied to Music .....	1	1	2
Harmony .....	2	2	4
Reading .....	1	1	2
Memory Test .....	2	2	4
Piano .....	2	2	4

## Third Year

Voice .....	2	2	4
Italian .....	2	2	4
Ear Training .....	2	2	4
Harmony .....	1	1	2
French .....	2	2	2
Latin .....	1	1	2
Piano .....	1	2	2
Rehearsals and Performances .....	2	2	4

Senior entrance examinations end of third quarter (oral).

## Fourth Year

Voice .....	2	2	4
History of Music .....	2	2	4
Memory Test .....	1	1	2
Music Appreciation.			
Rehearsals and Recitals.			
Final Examinations (oral)			

During the Senior year, each pupil is required to give two public recitals. These recitals count as 16 points each. 120 credits are required for graduation. Pupils finishing course on music in its relation to the child, also outlines for methods of school music in the grades and high school.

Six hours of observation in the music classes are required. Must be a graduate from a four year accredited high school.

## Public School Music

This course aims to prepare students to become efficient teachers of vocal music. Public school music embraces a study of the child voice. Music. Notations, Terminology, Community Singing, Folk Dances and Conducting. Lectures are given. Instructor is required thereby giving a working knowledge of the principles studied in the class-room.

**COURSE**

**Primary**

Presentation of Rote Songs, Monotones, Application of So-Fa syllables, recognition of Motives and Figures, Phrases, Repetition, Notation, Rhythm Drilly, Folk Dances and Singing Games and the Keyboard.

**Intermediate**

Scale work of majors and minors. Sequential study. Intervals Sight-reading. Two and three part singing. More advanced rhythm work. Folk dances.

**Junior High**

Scale work of majors and minors. Sequential study. Interval studies continued. Musical history. Four part singing. Chorus work and Community singing and Memory tests.

**High School**

Original melodies, musical history, continuation of four-part singing. Sight-reading. Ear training. Special attention given to Choral work and Operas.

**Planoforte**

**FIRST YEAR**

Loeschorn, Op. 66, Books 1, 2, and 3; National Graded Course, Books 2 and 3; Clementi-Kuhlman, Sonatinas; Bach's Easy Preludes; Kohler Op. 47; Filmore 2; Studies from Bertini and Burgmueller; major and minor scales; Pieces by Bohn, Sartoria, Kern, Goddard and others.

**SECOND YEAR**

Hannon, Virtuoso Pianist; Czerny, Op. 299; Chopin Preludes; National Graded course, Book 4, Low's Octave Studies; Bach, Two and Three-part Inventions; Heller, Op. 46 and 45; selections from classical and modern compositions.

**THIRD YEAR**

Technical exercises—Plaidy, Denee; selections from Cramer—Bulow; Sixty Selected Etudes; Czerny, Op. 740; Bach English Suites; sonatas by Hayden. Mozart, Beethoven; Mendelssohn's songs without words; Preyer; Octave Studies; Selections from classical and modern composition.

#### FOURTH YEAR

Listz and Henselt's exercises; Chopin Etudes; Etudes from Moscheles, Op. 70; sonatas, selections from Bach's Well-tempered Chair-chord. One of the following concertos:

Mendelssohn, D. Minor and G Minor, Rubinstein, D Minor; Schumann, A Minor and G Minor; Chopin, E Minor or F Minor; Concert pieces by classical and modern composers.

#### Band and Orchestra

The University Band and Orchestra are open organizations. Registration is necessary when credit is desired. One hour credit. Freshmen are admitted to these organizations but may not secure credits.

#### VIOLIN

First Year. Hohmann Violin School—Volume I and II. Selected Studies by Sevcik, David. Scales and Arpeggio Studies. Exercises in octaves. Development of the trill and studies for the bow and left hand.

Second Year. Hohmann Violin School—Volume III and IV. Wohlfahrt Op. 64; Technical Studies by Sevcik, David, Fresch, Review of positions. Selected compositions by Bach, Kreisler, ensemble playing.

Third Year. Hohmann Violin School—Volume V. Technical studies continued. Concerts, sonatas and trios. Ensemble playing. Music history.

Fourth Year. Ensemble playing. Directing. Music History. Sonatas by Bach, etc. A public recital before Music Department.

#### CORNET

First Year. World's Method. Volume I and II. Richard Shuebruk's "What and How to Practice." Pare's G. Daily Technical Studies. Ensemble playing.

Second Year. World's Method. Volume III. Richard Shuebruk's Daily Technicals for Slurring, Tongueing and Technic. Cornetist Studio Volumes I, II, and III. Selected solos, B-flat Cornet parts of standard Overtures—Paul De Ville.

Third Year. Cornetist Studio. Volume IV and V. St. Jacome, 12 Grand Artist Studies, Ensemble playing, Band and Orchestra directing. A public recital before the Music Department.

Students wishing to specialize on any instrument may do so at a fee of \$5.00 per quarter. Special courses are given on any of the brass, reed, string, woodwind or percussion instruments.



**Art Education**

The department of Art is designed to give as intense work as possible in free hand drawing, applied and normal art. This department provides professional training to those students whose abilities fit them for any of the particular fields of Fine Arts.

**Outline of Diploma Course  
in Art Education**

**FIRST YEAR**

First Quarter	Second Quarter	Third Quarter
Art Education 101A 4	Art Education 102A 4	Art Education 103A 4
English 102 3	English 112 3	English 122 3
Education E107 3	Education P117 3	Education M127 3
Art Education 101B 3	Art Education 102B 2	Art Education 103B 2
Composition 101C 2	Art Education 102C 1	Art Education 103C 1
Art Education 101D 1	Art Education 102D 1	Art Education 103D 2
Physical Edu. 109 1	Art Education 102E 1	Art Education 103E 1
—	Physical Edu. 119 1	Physical Edu. 129 1
	—	—

**SECOND YEAR**

Art Education 201A 3	Art Education 202A 1	Art Education 203A 2
Art Education 201B 2	Art Education 202B 2	Art Education 203B 3
Art Education 201C 3	Art Education 202C 2	Art Education 203C 2
Social Science 208 3	Social Science 218 3	Art Education 203D 2
Education P207 3	Education T217 3	Art Education 203E 2
Art Education 201D 3	Art Education 202D 1	English 222 3
—	—	Penmanship 3
		—

Art Education 102E, 103E. Design and Color. Problems in space filling; development of simple decorative units, balance of areas, value of light and dark, color problems including theory and application.

Art 201A, 202A, 203A. Casts. Ornament, head figure (medium charcoal) Two hours credit.

Art Education 201B. Modeling. Two hours' credit.

Art Education 202B, 203B. Observation and Practice Teaching. Two hours

Art Education 201C. Handicraft. Two hours' credit.

Art Education 202C. Modeling.

Art 203C. Art Appreciation. The aim is to develop an appreciation for good and beautiful art, design, sculpture and architecture. Two hours' credit.

Art Education 201D. History of Art. (Lecture and tracing.)

Art Education 202D. Problems in Art Education. One hour credit

Art 203D. Costume Design.

Art Education 201E. Sketch. One hour credit.

Art Education 101A, 102A, 103A. Still Life Drawing. (Medium charcoal, water color) Basic work, to study composition, light and dark values, proportion, symmetry and texture. Prerequisite Art 1, 2. Nine hours' credit.

Art Education 101B, 102B, 103B. Composition. Study main idea of a subject arrangement of line mass into decorative or pictorial composition. (Medium, charcoal) Six hours' credit.

Art Education 101C. Public School Art. Deals with psychology of drawing methods of teaching in elementary schools.

Two hours' credit.

Art Education 102C. Art Methods. Courses of study of grades and high school. Practice lessons involving the making of outlines for teaching. The organization of materials and training for presentation together with observation of classroom practice, using various mediums.

Art Education 103C. Blackboard Drawing. Building a vocabulary of common objects, room decorations, borders and posters.

Art Education 101D, 102D. Perspective. One hour

Art Education 103D. Figure construction. Lecture on construction and drawing of human figure, illustrated by blackboard sketching, anatomical diagrams. Figure study. (Medium, pencil).

## UNIVERSITY PREPARATORY SCHOOL

### FACULTY

Z. T. HUBERT .....	President
IDA E. WADE, B. S. ....	Principal, Science
J. L. TROTTER, B. S. in Ed. ....	Mathematics
ALYCE CHAPMAN, B. S. in Ed. ....	English
W. J. STARKS, A. M. ....	History and English
J. S. THOMAS, B. S. A., ....	Agriculture
CHARLES E. KING .....	Manual Training
H. J. HENDRICKS .....	Auto Mechanics
MAYME POWELL, B. S. in H. E. ....	Home Economics, Vocational
WM. H. MILES, A. B. ....	Commerce
S. G. CODE .....	Tailoring
H. ELIZABETH ARMSTRONG .....	Music
MAYME WEAVER B. A. ....	Printing

### ENTRANCE

To be admitted to this department requires that every candidate shall have thoroughly completed the work in Arithmetic, Grammar, Advanced Geography, Reading, and History required in the eighth grade of a standard grammar course, or present a Grammar Certificate from the State Department of Education. Examinations are given as far as may seem necessary to those who may apply for entrance into any class by the Principal of the High School.

As a maximum number of units per year only will be permitted; five may be taken provided two of these units are taken in courses where the student is doing his or her major work.

### Course

This particular course maintains a two-fold object, first—to train in an adequate and effective way those students who plan to pursue a higher literary course for the purpose of entering the professional world and in a similar way prepare for citizenship and service and those, the extent of whose education and training may be limited to that of the High School. Emphasis is especially given the Industrial program as prescribed by the State and no student will be considered as an eligible candidate for advanced standing until satisfactory evidence is given that the individual is thoroughly familiar with the nature of the work pursued.

In addition to the regular course of study electives are given wherein the student, upon the advice of the Principal of the High School or the classification committee may choose in view of their future plans.

Sixteen units are required for graduation. These shall include three units in English, one in mathematics, one in science, American \*Part time.

History, and a major consisting of three units of one subject or two minors consisting of two units in each of two subjects. The remaining units may be electives. A unit in High School will consist of a course taught four times a week for a period of thirty-six weeks and sixty minute periods.

### UNIVERSITY PREPARATORY SCHOOL

Ninth Year			Tenth Year		
Subjects	Period	Units	Subjects	Period	Units
	Per Week			Per Week	
1. English 1 .....	5	1	1. English II .....	5	1
2. Mathematics 1 .....	5	1	2. Mathematics II .....	5	1
3. Algebra			Geometry		
Elect two:			3. Social Studies II. ....	5	1
3. Social Studies 1 .....	5	1	Modern European Hist.		
Ok. Hist. and Civics 1-2		1	Elect one		
Community Civics ....	1-2		4. Science II .....	7	1
4. Science 1 .....	7	1	Physical Geography....	5	
General Science			Ind. and Com. Geog.	5	
5. Home Economics 1 .....	10	1	5. Home Economics II .....	10	1
6. Agriculture 1 .....	10	1	6. Agriculture II .....	10	1
7. Manual Training 1.....	10	1	7. Manual Training II ....	10	1
Total .....	22 or 25	4	Total .....	22 or 25	4

Eleventh Year			Twelfth Year		
Subjects	Period	Units	Subjects	Period	Units
	per week			per week	
1. English III .....	5	1	1. English IV .....	5	1
2. Social Studies III ....	5	1	2. Elect three:		
American History			Social Studies IV .....	5	1
Elect two:			Anc. and Med. Hist.		
3. Mathematics III .....	5	1	3. Mathematics IV .....	5	1
High School Arithmetic			Advanced Algebra		
4. Science III .....	7	1	Solid Geometry		
Biology			4. Science IV .....	7	1
5. Agriculture III .....	10	1	5. Physics .....	5	1
6. Com. Education I.....	10	1	5. Problems of Democ .5	5	1
Typewriting			Public Speaking 5 ....	5	1
7. Com. Education II .....	5	1	6. Agriculture IV .....	10	1
Shorthand			7. Science V .....	7	1
Total .....	20 to 27	4	Chemistry		
			8. Com. Education III		
			Bookkeeping and Acct 10		1
			9. Com. Education IV.....	5	1
			Shorthand and Of Prac.		
			Total 20 to 27 .....		4

COLLEGE ENROLLMENT 1929-30

Explanation

1—Freshman	L A—Liberal Arts	H Ec—Home Econ.
2—Sophomore	C—Commerce	T—Trades
3—Junior	Ed—Education	*—Deceased
4—Senior	Ag—Agriculture	

Addison, Eddie, 2 C	Little Rock, Ark.
Alexander, Anita, 3 L A	Muskogee
Alexander, James, 1 L A	Chickasha
Alrid, Annie, 3 H Ec.	Chetopah, Kans.
Anderson, Fern, 2 Ed	Boley
Andrews, James, 1 L A	Luther
Andrews, Johanna, 3 L A	Luther
Armstrong, Corean, 2 Ed	Luther
Armstrong, Edna, 2 Ed	Clearview
Arrington, Felton, 2 Ed	Boley
Ashley, Lillard, 1 Ag.	Boley
Askew, Mildred, 3 L A	Guthrie
Atkinson, Louise, 1 Ed	Okmulgee
Austin, Alberta, 2 Ed	Okmulgee
Autry, Mary, 2 Ed	Beggs
Ayers, Winnie, 3 Ed	Langston
Baker, Sarah, 1 Ed	Perry
Baker, Willie, 1 Ag.	Perry
Barkus, Canara, 1 Ed	Boley
Barnett, Iva, 2 Ed	Carney
Baucom, Pollye, 4 Ed	Anadarko
Beatty, Harold, 2 Ag.	Wellston
Bell, Clarence, 1 L A	Oklahoma City
Benford, Rosalee, 1 H Ec.	Chandler
Bertrand, Ola, 2 Ed.	Grayson
Black, Zella, 3 H Ec.	Coyle
Barnett, Oma, 2 Ed	Carney
Bledsoe, Genevieve, 2 Ed	Langston
Boone, Lucinda, 2 Ed	Boley
Boyd, Geneva, 2 Ed	Oklahoma City
Boyd, Lafronia, 1 Ed	Ardmore



Boyd, Lafayette, 1 T .....	Ardmore
Boyd, Robert, 1 Ag. ....	Tulsa
Boozer, Ida, 1 L A .....	Sand Springs
Brackeen, Claudia, 3 Ed. ....	Porter
Bradley, B. W., 2 L A .....	Muskogee
Bradford, Mariel, 1 C .....	Guthrie
Bradford, Nannie, 4 L A (*) .....	Tulsa
Bradford, Rozelia, 2 Ed .....	Tulsa
Brembry, Jerry, 2 Ed .....	Taft
Brewer, Linnie, 1 Ed .....	Oklahoma City
Bright, Edna, 4 L A .....	Guthrie
Britton, Beula, 3 Ed .....	Luther
Britton, Maeola, 2 H Ec. ....	Luther
Brooks, Gaudy, 1 L A .....	Eufaula
Brown, Mable, 1 Ed .....	Wewoka
Brown, Nell, 2 Ed .....	Okmulgee
Brown, William, 1 L A .....	Ardmore
Bryant, Emma, 1 Ed .....	Sand Springs
Burge, Los Angeles, 2 Ed .....	Luther
Burleson, Ruth, 2 H Ec. ....	Omaha, Neb.
Burnett, Jeanette, 1 Ed .....	Tulsa
Burnett, Juanita, 2 Ed .....	Tulsa
Burr, John Wiley, 1 L A .....	Muskogee
Caldwell, Marion, 3 L A .....	Chandler
Campbell, Ruth, 1 Ed .....	Langston
Canady, Clarence, 2 Ed .....	Depew
Carter, Andrew, 2 Ag. ....	Langston
Caufield, Irene, 3 H Ec. ....	Waco, Tex.
Chandler, Troy, 1 Ed. ....	Wewoka
Chapman, Maria, 1 L A .....	Langston
Charles, Theodore, 3 L A .....	Damas, Ark.
Chatman, Geneva, 3 L A .....	Tulsa
Chatman, R. L. 3 T. ....	Guthrie
Chatman, Theresa, 3 L A .....	Guthrie
Chatman, Katherine, 1 Ed .....	Oklahoma City
Cherry, Cleo, 1 Ed .....	Ardmore
Clark, Bessie, 2 Ed .....	Carney
Cogswell, Willie, 1 Ed .....	Okmulgee
Cooksey, Ernest, 2 L A .....	Clearview
Cooper, Clarence, 4 Ag. ....	Langston
Cooper, Herman, 3 L A .....	Stroud
Cozine, Eldria, 2 Ed. ....	Boley
Crisp, T. M., 3 L A .....	Ardmore
Crowell, Henry, 1 L A .....	Orlando
Crowell, Thelma, 1 H Ec. ....	Orlando
Cullom, Vivian, 3 Ed .....	Haskell

Currie, Ione, 2 Ed .....	Ardmore
Dansby, Maggie, 3 Ed .....	Sand Springs
Davis, Elvee, 1 L A .....	Hennessey
Davis, Leoma, 1 L A .....	Beggs
Davis, Willa, 2 Ed .....	Cushing
Dean, Edna, 4 L A .....	Okmulgee
Dean, Wilbur, 1 L A .....	Okmulgee
Demumber, Mamie, 1 H Ec. ....	Hominy
Denman, Bessie, 2 Ed. ....	Hugo
Dennis, Edna, 1 Ed .....	Oklahoma City
Dixon, Rosa Mae, 3 Ed .....	Okmulgee
Doster, Joseph, 4 L A .....	Boley
Doster, Robert, 2 T .....	Boley
Dubose, Elnora, 3 Ed .....	Beggs
Dulan, Furman, 1 Ag. ....	Luther
Duncan, Edna M., 1 Ed .....	Oklahoma City
Echols, Anthony, 2 Ag. ....	Chandler
Elliot, Luther, 1 C .....	Muskogee
Evans, Sarah, 1 Ed .....	Okmulgee
Fleming, Roosevelt, 1 L A .....	Oklahoma City
Fletcher, Thurman, 2 L A .....	Chickasha
Franklin, Rosa Lee, 1 Ed. ....	Chandler
Franks, Almos, 1 L A .....	Ardmore
Franks, Johnnie, 1 Ed .....	Ardmore
Frazier, Ilalee, H Ec. (1) .....	Oklahoma City
Frazier, Lanita, 2 Ed .....	Denison, Tex.
Funderburk, Mildred, 1 H Ec. ....	McAlester
Gaines, Alma, 1 Ed .....	Anadarko
Gaines, Madee, 1 H Ec. ....	Langston
Gamble, Elmer, 1 L A .....	Muskogee
Gant, Leona, 1 H Ec. ....	Boley
Gibbs, Virgie, 1 C .....	Langston
Gibson, Delmar, 4 Ag. ....	Beggs
Giles, Ida Belle, 1 Ed .....	Hobart
Giddings, James, 2 Ed .....	McAlester
Gilmer, Carl 1 L A .....	Guthrie
Glasco, Ernestine, 3 Ed .....	Muskogee
Glasco, Carolyn, 1 Ed .....	Muskogee
Glenn, Estella, 1 Ed. ....	Okmulgee
Goldson, Dorothy, 2 Ed .....	Cushing
Gooch, Theima, 2 Ed .....	Tulsa
Gray, Charles, 1 Ed .....	Wewoka
Gray, Juanita, 2 Ed .....	Muskogee
Green, Eva Loy, 2 Ed .....	Carney
Green, Latimer, 4 L A .....	Ardmore
Green, Mary Alice, 1 Ed .....	Boley

Grubbs, Paraliee, 1 Ed .....	Boley
Hall, Ira, 3 C .....	Oklahoma City
Hall, Mazella, 2 Ed .....	Langston
Hampton, Metella, 2 Ed .....	Cushing
Hardemon, Lettye, 1 Ed .....	Coyle
Harding, Raymond, 1 Ed .....	Guthrie
Harkey, Lemuel, 1 L A .....	Oklahoma City
Harper, Malinda, 1 Ed .....	Muskogee
Harris, Alice, 2 Ed .....	Tulsa
Harris, Allie, 2 Ed .....	Tulsa
Harris, Titus, 1 L A .....	Enid
Harrison, Eessie, 1 H Ec. ....	Guthrie
Haynes, Mildred, 2 Ed .....	Goodnight
Haynes, Ruther, 1 L A .....	Clearview
Henderson, William, 1 L A .....	Sapulpa
Henderson, Zelia, 2 Ed .....	Chandler
Henley, Joseph, 1 Ed * .....	Hennessey
Henson, Robert, 2 Ag. ....	Boley
Hibler, Ruby, 3 L A .....	Muskogee
Hill, George, 2 L A .....	Ardmore
Hilton, Elizabeth, 1 Ed .....	Luther
Hilton, Margaret, 1 Ed .....	Luther
Hollingsworth, R. T., 2 T .....	Drumright
Holmes, Raymond, 2 L A .....	Clearview
Holt, Cecil, 3 Ag. ....	Rentievill
Holt, Herman, 3 Ed .....	Pawhuska
Hudspeth, Organ, 2 Ed .....	Cushing
Huffman, Helen, 3 L A .....	Langston
Hunter, Alma, 2 Ed .....	Muskogee
Hunter, Zebedee, 2 T .....	Guthrie
Hutcheson, Margaret, 2 Ed .....	Snyder
Irons, Callie, 1 Ed .....	Coyle
Jackson, Frank, 1 L A .....	Luther
Jackson, Haywood, 1 L A .....	Oklahoma City
Jackson, Roxie, 1 H Ec. ....	Wewoka
James, Herman, 1 T .....	Beggs
Jenkins, James, 3 Ag .....	Guthrie
Jenkins, Ruth, 4 L A .....	Muskogee
Johnson, Louisa, 1 Ed .....	Wellston
Johnson, Mae Etta, 1 Ed .....	Ardmore
Johnson, Richard, 2 Ag. ....	Falls
Johnson, Sylvester, 1 Ag .....	Taft
Joiner, Cletie, 2 Ed .....	Chickasha
Jonas, Lois Ted, 2 Ed .....	Wagoner
Jones, Eleanor, 1 Ed .....	Oklahoma City
Jones, Mary Anna, 2 Ed .....	Boley

Jones, Vernon, 1 T .....	Kansas City, Kansas
Jones, Waldo, 3 Ag .....	Muskogee
Jones, Eola Bell, 1 Ed. ....	Oklahoma City
Jones, Harrison, 1 L A* .....	Langston
Jordan, Cleon, 2 Ed .....	Langston
Kennedy, Waldo, 3 L A .....	Bison
Kennedy, Leona, I H Ec. ....	Oklahoma City
King, Allean, 1 Ed .....	Boley
Knox, Elizabeth, 1 Ed .....	Bristow
Lampton, Helen, 1 L A .....	Guthrie
Lawson, Olivia, 2 Ed .....	Shawnee
Leach, Mattie, 2 H Ec. ....	Chandler
Lee, Georgia, 1 Ed .....	Cushing
Lee, Minnie, 1 H Ec. ....	Oklahoma City
Lewis, Reedy, 4 Ag .....	Langston
Locust, Hubert, 2 L A .....	Muskogee
Love, Madine, 1 Ed .....	Muskogee
Lovings, John D., 1 L A .....	Muskogee
Lowe, Odella, 1 Ed .....	Wellston
Lucas, Mary, 2 H Ec. ....	Muskogee
McCain, Vernon, 3 L A .....	Ardmore
McCann, Clarence, 1 L A .....	Oklahoma City
McCauley, Estella, 1 Ed .....	Muskogee
McClain, Andrew, 1 L A .....	El Reno
McClanahan, Elvin, 1 Ed .....	McAlester
McCarvey, Connie, 1 Ed .....	Boley
McDonald, Connie, 2 L A .....	Tulsa
McGruder, DeOrsey, 1 Ag .....	Muskogee
McKerson, Gladys, 2 Ed .....	Ardmore
McKinney, Genevieve, 1 Ed. ....	Ardmore
McKinney, Tyree, 1 Ed .....	Cushing
McLaurin, Carranza, 2 L A .....	Langston
McLaurin, Peninnah, 4 L A .....	Langston
Mack, Flora J. 2 Ed .....	Meridian
Manual, Essie, 1 Ed .....	Porter
Marina, Erma, 3 L A .....	Clearview
Marshall, Hattye, 2 Ed .....	Muskogee
Marshall, William, 2 Ag .....	Porter
Madison, Irene, 1 C .....	El Reno
Martin, Helen, 1 Ed .....	Boley
Martin, Montrosey, 1 Ed .....	Muskogee
Martin, Stephen, 3 L A .....	Pawhuska
Martin, Troja, 1 Ed .....	Boley
Mayborn, Artillery, 1 Ed .....	Luther
Mays, Frank, 3 L A .....	Oklahoma City
Merriwether, Gladys, 1 Ed .....	Okmulgee



Miles, Florence, 1 Ed .....	Muskogee
Miles, Ruth, 2 Ed .....	Muskogee
Miller, Moses, 2 L A .....	Ardmore
Mills, Frank, 2 L A .....	Grandfield
Mingo, Rhita, 2 Ed .....	Chandler
Mingo, William, 4 Ed .....	Chandler
Mitchell, Jewell, 1 H Ec .....	Beggs
Mitchell, Theodore, 3 L A .....	Ardmore
Mixon, Ethel, 1 Ed .....	Boley
Moore, Adella, 2 H Ec .....	McAlester
Moore, Alma, 1 L A .....	Ardmore
Moore Baxter, 1 L A .....	Guthrie
Moore, Jewel, 1 H Ec .....	Guthrie
Moore, Millie, 2 H Ec .....	Langston
Moore, T. H., 4 Ag .....	Stroud
Moore, William, 3 L A .....	Alexandria, La.
Moran, Addie, 1 Ed .....	Okmulgee
Morgan, Mattie, 1 Ed .....	Oklahoma City
Morris, Augusta, 4 L A .....	Grant
Morris, Elzonia, 4 Ed .....	Guthrie
Morris, Evelyn, 1 Ed .....	Muskogee
Morris, Helen, 2 Ed .....	Wewoka
Morton, Menzola, 3 L A .....	Langston
Murphy, Henry, 2 L A .....	Yale
Nave, Marguerite, 4 H Ec .....	Muskogee
Nichols, Mary, 2 Ed .....	Oklahoma City
Noble, Maggie Etta, 2 Ed .....	Taft
Overall, Kermit, 2 T .....	Okmulgee
Patterson, Ruby, 2 Ed .....	Langston
Payne, Sophronia, 1 Ed .....	Clearview
Peacock, Argella, 1 Ed .....	Haskell
Phillips, Booker, 1 L A .....	Okmulgee
Phillips, Odell, 2 Ed .....	McAlester
Pierce, Irma, 1 H Ec .....	Nowata
Pierson, Ozella, 2 Ed .....	Dallas, Tex.
Porter, Argatha, 1 Ed .....	Grayson
Powell, Annie, 2 Ed .....	Beggs
Prophet, Mallie, 1 L A .....	Ardmore
Qualls, Ima, 3 L A .....	Denver, Colo.
Randolph, Homef, 3 L A .....	Ponca City
Ransom, Lula, 1 Ed .....	Oklahoma City
Riley, Ollega, 2 Ed .....	Hayden
Roland, Lendy Belle, 1 H Ec .....	Claremore
Ross, Lonzetta, 2 L A .....	Ardmore
Rouce, Booker, 1 L A .....	Hitchcock
Ruff, Beulah, 2 Ed .....	Slick



Russell, Boston, 2 L A .....	Muskogee
Salters, Gladys, 1 Ed .....	McAlester
Savage, Elizabeth, 3 Ed .....	Orlando
Sayles, Helen, 1 Ed .....	Muskogee
Scott, Jessie, 2 Ed .....	Muskogee
Scott, Vesta, 2 H Ec. ....	Castle
Seay, Lurline, 3 L A .....	Earlsboro
Sellers, Jessie, 1 Ed .....	Muskogee
Sexton, Earl, 1 L A .....	Cushing
Shegog, Henry, 1 L A .....	Mound Bayou, Miss.
Sharpe, Hilliard, 1 L A .....	Jones
Skinner, Bernita, 2 Ed .....	Oklahoma City
Smith, Augusta, 3 Ed .....	Shawnee
Smith, Charlyne, 2 Ed .....	Ft. Gibson
Smith, Earl, 1 L A .....	Cushing
Smith, Mattie, 1 Ed. ....	Sapulpa
Smith, Virgie 2 Ed. ....	Coweta
South, Thelma, 4 L A .....	Tulsa
Springfield, Louise, 2 Ed. ....	Ardmore
Springfield, Maggie, 2 H Ec. ....	Ardmore
Starks, Hettie, 1 H Ec. ....	Langston
Stephens, Grace, 1 Ed. ....	Lehigh
Stewart, Elmer, 2 T .....	Atoka
Stubblefield, Moslett, 2 H Ec. ....	Oklahoma City
Suggs, Theodore, 2 L A .....	Shawnee
Sutton, Robert, 1 Ed. ....	Wewoka
Swain, Jack, 1 L A .....	Hartshorne
Swindall, Mollie, 1 H Ec. ....	Chickasha
Talton, Minnie 2 Ed. ....	Clearview
Taylor, John, 3 Ag. ....	Hennessey
Taylor, Savannah, 3 H Ec. ....	Muskogee
Terrell, Charles, 2 Ag. ....	San Marcos, Tex.
Thomas, Queenie, 1 Ed. ....	Dover
Thompson, Dennis, 1 Ed. ....	Clearview
Thompson, Emmet, 1 Ed. ....	Clearview
Thompson, Floyd .....	Clearview
Tilley, Rosetta, 1 L A .....	Sand Springs
Tolliver, Hattie, 1 Ed. ....	Porter
Torrence, Allean, 1 Ed. ....	Kingfisher
Townsell, A. V., 1 Ag. ....	Sand Springs
Trotter, Alma, 2 Ed. ....	Langston
Trotter, Lillian, 2 L A .....	Langston
Troupe, Almond, 4 Ag. ....	Claremore
Turner, Myra, 2 Ed. ....	Oklahoma City
Tyree, Olive, 2 Ed. ....	Chandler

Vance, Bernice, 1 Ed. ....	Kingfisher
Vivett, Sarah, 4 L A .....	Oklahoma City
Walker, Bertha, 1 Ed. ....	Okmulgee
Walker, Blanche, 3 L A .....	Muskogee
Walker, Dimple, 3 L A .....	Boley
Walker, Thelma, 1 Ed. ....	Muskogee
Wallace, Etella, 3 Ed. ....	Piano, Texas
Ward, Gertrude, 2 Ed. ....	Caldwell, Kansas
Washington, Johnniemae, 1 Ed. ....	Oklahoma City
Waters, Francis, 3 L A .....	Oklahoma City
Watson, Emanuel, 1 L A .....	Luther
Watson, Hattie, 1 Ed. ....	Watonga
Watson, Reola, 1 Ed. ....	Sapulpa
Weaver, Edward, 1 L A .....	Muskogee
Weaver, Exempres, 1 Ed. ....	McAlester
Weaver, Lewine, 2 L A .....	Muskogee
Webb, Atherlee, 4 L A .....	Boley
Webb, Beulah, 2 Ed. ....	Tulsa
Webb, Larney, 4 L A .....	Boley
Webb, Walter, 2 L A .....	Tulsa
Webster, Octavia, 2 Ed. ....	Muskogee
Wedlow, Willie, 1 H Ec. ....	Perry
Welch, R. B., 1 L A .....	Hillsboro, Texas
Wells, Willie, 1 H Ec. ....	Vernon
Wert, Willie (*) 3 L. A. ....	Ardmore
West, Jane, 2 Ed. ....	Arkansas City, Kansas
Wharton, Doll, 2 Ag. ....	Red Bird
Whittaker, Bernice, 2 H Ec. ....	Guthrie
Williams, Effie Mae, 1 H Ec. ....	Langston
Williams, Elsie, 1 Ed. ....	McAlester
Williams, Lizzie, 2 Ed. ....	Chickasha
Williams, Mattie, 1 Ed. ....	Oklahoma City
Wilson, Laurine, 2 Ed. ....	Goodnight
Woodward, Virgie, 2 Ed .....	Dover
Woods, Livie Lee, 3 L A .....	Chickasha
Word, Oliver, 1 Ag. ....	Taft
Wortham, Oscar, 1 L A .....	Boley
Wright, Ruth, 2 Ed. ....	Ardmore
Wyatt, Odessa, 1 Ed. ....	Guthrie
Yoakum, Lottoe, 2 Ed. ....	Ardmore
Young, Evans, 3 L A .....	Langston
Young, Mildred, 1 Ed. ....	Tulsa
Youngblood, Reba, 2 H Ec. ....	Oklahoma City

**GRADUATES NORMAL DEPARTMENT**

Spring 1930

Anderson, Fern	Mingo, Rita
Austin, Alberta	Moore, Adella
Barnett, Iva	Moore, Adella
Boyd, Geneva	Morris, Helen
Bradford, Rozelia	Noble, Maggie Etta
Brembry, Jerry	Pierson, Ozella
Burnett, Juanita	Powell, Annie
Caufield, Irene	Scott, Jessie Mae
Chatman, R. L.	Taylor, Savannah
Chatman, Theresa	Talton, Minnie
Frazier, Lanita	Walker, Dimple
Glasco, Ernestine	Wallace, Estella
Gooch, Thelma	Ward, Gertrude
Gray, Juanita	Webb, Beulah
Harris, Alice Mae	Webster, Octavia
Harris, Allie Eudell	Whittaker, Bernice
Hunter, Alma	Williams, Lizzie
Joiner, Cletie Moss	Woodard, Virgie
Lawson, Olivia	Wright, Ruth Lee
Marshall, Hattie Agnes	Youngblood, Reba
Mack, Flora Johnson	

**FIVE YEAR HOME ECONOMICS CERTIFICATES**

Aloid, Annie Altha	Taylor, Savannah
Barnett, Iva Pearl	Whittaker, Bernice
Baucom, Pollye Sanborn	Youngblood, Reba
Moore, Adella	

**BACHELOR OF ARTS**

Deane, Edna Virginia *	Morris, Ethel Augusta
South, Thelma Willesta	

\*Magna Cum Laude

**BACHELOR OF SCIENCE**

Greene, Latimer Hamilton	Vivett, Sarah Ellen
Jenkins, Ruth Brinson	

**BACHELOR OF SCIENCE IN EDUCATION**

Baucom, Pollye Sanborn\*

Webb, Larney Jennings

Bright, Edna Wynona

\*Cum laude

**BACHELOR OF SCIENCE IN AGRICULTURE**

Lewis, Reedy Thomas