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WESTERN KENTUCKY UNIVERSITY  
ARCHIVES

WESTERN KENTUCKY STATE  
TEACHERS COLLEGE

Bowling Green, Kentucky

Member of the American Association of Teachers Colleges,  
Association of Kentucky Colleges and Universities, and of  
the Southern Association of Colleges  
and Secondary Schools



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*Catalog Number*

1935-36, 1936-37

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TEACHERS COLLEGE HEIGHTS

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VOLUME XV

SEPTEMBER, 1935

NUMBER 4

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WESTERN KENTUCKY UNIVERSITY  
ARCHIVES

# Western Kentucky State Teachers College

Member of the American Association of Teachers Colleges,  
Association of Kentucky Colleges and Universities, and  
of the Southern Association of Colleges and  
Secondary Schools

## FRESHMAN WEEK

College freshmen who have not previously registered at Western Teachers College should arrive in Bowling Green on Thursday, September 12. On Friday and Saturday, September 13 and 14, freshmen will be registered and classified. They will be advised of the opportunities offered by the college and will be directed into the proper courses leading to the completion of requirements for certificates and degrees. By coming at the time indicated, they will avoid the experience of closed classes and the necessity of changing programs later.

On Friday evening there will be a reception for freshmen. This is one of the enjoyable occasions of the year. An opportunity is offered at this time for freshmen to become acquainted with the group whose purposes and programs will be similar during the year.



*Catalog Number*  
*1935-36, 1936-37*

Bowling Green, Kentucky



LIBRARY

## Table of Contents

	Page
Calendar for 1935-36, 1936-37 .....	5
<b>PART I—Organization of the College</b> .....	<b>7</b>
Administrative Officers .....	9
Board of Regents .....	9
Board of Directors of College Heights Foundation .....	9
Officers of Administration and Instruction .....	10
Faculty Committees .....	11
The Faculty .....	13
College .....	13
Training School .....	27
<b>PART II—General Information</b> .....	<b>31</b>
Alumni Association .....	55
Athletics .....	51
Board and Room .....	46
Buildings and Grounds .....	36
Chapel .....	52
Class Organizations .....	51
College Heights Foundation .....	48
College Publications .....	54
Debating .....	52
Departmental Clubs .....	51
Duration of Session .....	46
Extension and Correspondence .....	54
Historical Sketch .....	33
Location .....	33
Medals and Awards .....	52
Military Science and Tactics .....	49
Ogden Department of Science .....	41
Personnel Department .....	53
Purpose of the College .....	35
Standards of the College .....	36
Student Accommodations .....	46
Student Health .....	49
The Training School .....	42
<b>PART III—Admission, Credits, and Curricula</b> .....	<b>57</b>
Requirements for Admission .....	59
To the Freshman Class .....	59
To Advanced Standing .....	60
To Standing as Special Students .....	60
To the Graduate School .....	61
Registration .....	61
Tuition and Fees .....	61
Credits .....	63
Unit of Credit .....	63
Residence Credit .....	63
Part-time Study .....	63
Extension and Correspondence .....	63
Student Load .....	63
Grading System .....	64
Quality Credits .....	64

TABLE OF CONTENTS—Continued

	Page
Junior and Senior College Courses .....	64
Examinations .....	65
Standard of Work .....	65
Certificates .....	66
Laws Relating to Certificates and Degrees .....	66
Provisional Elementary .....	71
Standard Elementary .....	71
Provisional High School .....	71
Standard High School .....	71
Provisional Administration and Supervision .....	71
Standard Administration and Supervision .....	71
Attendance Officers .....	71
Degrees .....	71
Bachelor of Arts .....	72
Bachelor of Science .....	72
Master of Arts .....	73
Non-Professional Bachelor's Degree .....	73
Curricula .....	74
Two-year Curriculum for Elementary Teachers .....	75
Four-year Curriculum for Elementary Teachers .....	77
Five-year Curriculum for Elementary Teachers .....	81
General Four-year Curriculum for High School Teachers....	81
Four-year Curriculum for Teachers of Agriculture .....	84
Four-year Curriculum for Teachers of Home Economics ....	86
Five-year Curriculum for High School Teachers .....	87
Industrial Arts Curriculum .....	89
Public School Music Curriculum .....	90
Applied Music Curriculum .....	92
Four-year Curriculum for Administrators and Supervisors .....	87
Five-year Curriculum for Administrators and Supervisors .....	88
Curriculum for Attendance Officers .....	89
Arts and Science Curriculum .....	94
Graduate School .....	97
PART IV—Departments and Courses .....	105
Art .....	107
Agriculture .....	116
Biology .....	110
Chemistry .....	119
Economics and Sociology .....	122
Education .....	127
English .....	138
Geography and Geology .....	148
History and Political Science .....	152
Home Economics .....	157
Industrial Arts .....	162
Latin Language and Literature .....	168
Library Science .....	173
Mathematics .....	175
Military Science .....	178
Modern Languages .....	180
Music .....	184
Ogden Department of Science .....	110
Penmanship .....	193
Physical Education and Health .....	199
Physics .....	210
Psychology .....	212

CALENDAR 1935-36

FIRST SEMESTER

1935-36

September 13-14, Friday and Saturday—	Freshman Days' registration and classification of all beginning freshmen. Entrance Examinations for students from non-accredited high Schools. See Page 60.
September 16, Monday.....	Registration for first semester.
September 17, Tuesday.....	Classes meet.
September 23, Monday.....	Last day to register for full credit.
October 8, Tuesday.....	Last day to register for credit.
November 28, Thursday.....	Thanksgiving holiday.
December 18, Wednesday,	4:10 P. M. ....Christmas holidays begin.
Jan. 2, 1936 Thursday.....	Class work resumed.
Jan. 24, 1936, Friday.....	Last day of first semester.

SECOND SEMESTER

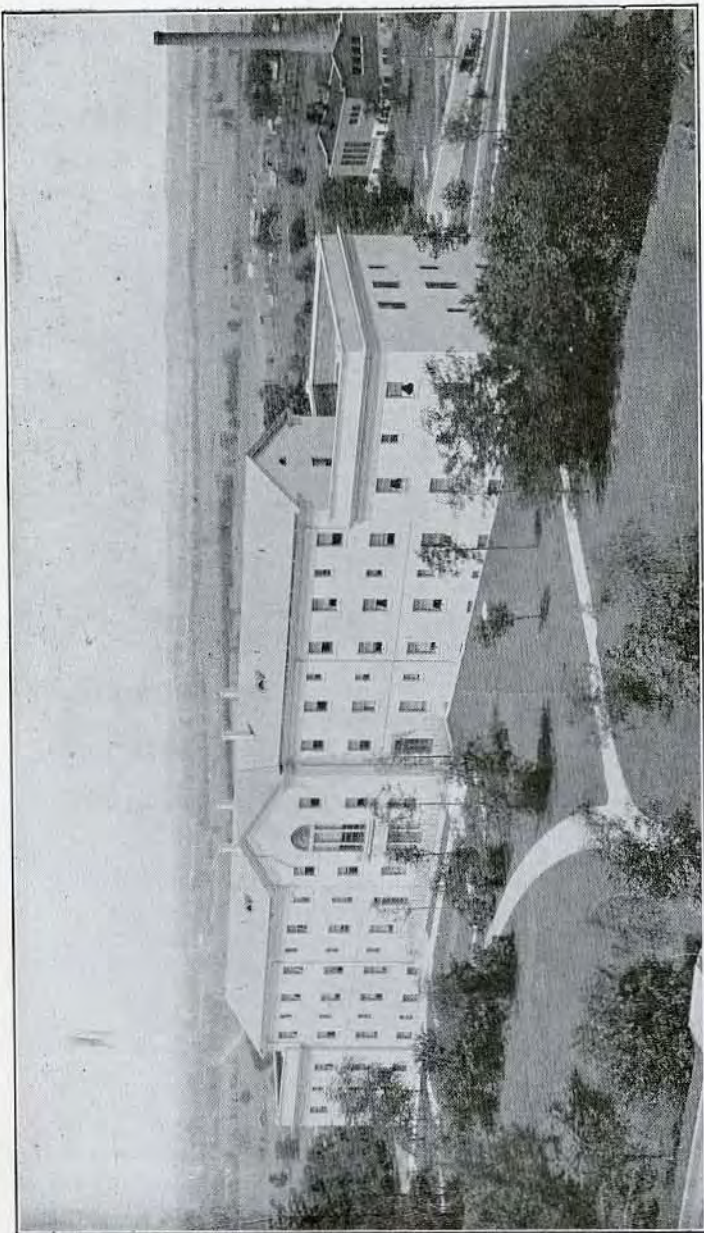
1936

January 27, Monday.....	Registration for second semester.
January 28, Tuesday.....	Classes meet.
February 3, Monday.....	Last day to register for full credit.
February 18, Tuesday.....	Last day to register for credit.
March 30, Monday.....	Registration for mid-term of nine weeks.
March 31, Tuesday.....	Classes begin.
April 1, Wednesday.....	Last day to register for full credit.
April 6, Monday.....	Last day to register for credit.
May 24, Sunday.....	Commencement week begins.
May 29, Friday.....	Last day of second semester.

SUMMER SCHOOL

1936

June 8, Monday.....	Summer school opens.
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WEST HALL.  
One of the beautiful dormitories for the young women of Teachers College

PART I  
ORGANIZATION OF THE COLLEGE



THE LIBRARY AND THE ADMINISTRATION BUILDING

## ADMINISTRATIVE OFFICERS

### BOARD OF REGENTS

JAMES H. RICHMOND, Chairman	
	<i>Superintendent of Public Instruction, Frankfort, Kentucky</i>
MORGAN HUGHES .....	<i>Louisville, Kentucky</i>
CHARLES G. FRANKLIN .....	<i>Madisonville, Kentucky</i>
HENRY B. HINES .....	<i>Bowling Green, Kentucky</i>
CLARENCE BARTLETT .....	<i>Hartford, Kentucky</i>

### OFFICERS OF THE BOARD

JAMES H. RICHMOND, Chairman	<i>(ex-officio)</i>
MORGAN HUGHES, Vice-Chairman	
WILMOT BROWN, Treasurer	
MATTHE M. McLEAN, Secretary	

### BOARD OF DIRECTORS, COLLEGE HEIGHTS FOUNDATION

H. H. CHERRY .....	<i>Bowling Green, Kentucky</i>
LAURENCE B. FINN .....	<i>Bowling Green, Kentucky</i>
SENATOR M. M. LOGAN .....	<i>Washington, D. C.</i>
MRS. H. R. MATTHEWS .....	<i>Bowling Green, Kentucky</i>
EDWARD B. STOUT .....	<i>Bowling Green, Kentucky</i>
STERETT CUTHBERTSON .....	<i>Bowling Green, Kentucky</i>
MORGAN HUGHES .....	<i>Louisville, Kentucky</i>
J. R. ALEXANDER .....	<i>Bowling Green, Kentucky</i>
WALTER G. HOUGHLAND .....	<i>Bowling Green, Kentucky</i>
SAM H. ALLEN .....	<i>Bowling Green, Kentucky</i>
R. E. COOPER .....	<i>Hopkinsville, Kentucky</i>
J. P. MASTERS .....	<i>Bowling Green, Kentucky</i>

### EXECUTIVE COMMITTEE, COLLEGE HEIGHTS FOUNDATION

H. H. CHERRY
J. R. ALEXANDER
STERETT CUTHBERTSON
EDWARD B. STOUT
MRS. H. R. MATTHEWS

## OFFICERS OF ADMINISTRATION AND INSTRUCTION

H. H. CHERRY, LL. D. .... *President of the College*  
 FINLEY C. GRISE, Ph. D. .... *Dean of the College*  
 ERNEST H. CANON, M. A. .... *Registrar*  
 MATTIE M. MCLEAN, A. B. .... *Secretary to the President*  
 FLORENCE SCHNEIDER ..... *Bursar*  
 WILLIAM J. CRAIG, A. B. .... *Alumni Sec'y and Director of Personnel*  
 WILLIAM M. PEARCE, A. B. .... *Director of Extension*  
 STERETT CUTHBERTSON ..... *Provost*  
 W. L. MATTHEWS, M. A. .... *Director of Training School*  
 MRS. D. T. PENICK ..... *Social Director, Potter Hall*  
 HELEN GWIN, M. A. .... *Dietitian*  
 SUSIE WEST MCCLANAHAN ..... *Social Director, West Hall*  
 R. C. WOODWARD ..... *Superintendent of Grounds*  
 PORTER HINES ..... *Mechanical Engineer*  
 MARGIE HELM, M. A. .... *Librarian*  
 MRS. MARGARET EVANS ..... *Superintendent of Buildings*  
 ROY H. SEWARD, B. S.,  
*Executive Secretary, and Treasurer, College Heights Foundation*

## ASSISTANTS IN ADMINISTRATION

## OFFICE OF PRESIDENT

MARGUERITE FORSTING ..... *Stenographer*

## OFFICE OF DEAN

FRANCES HOOVER ..... *Secretary*

## OFFICE OF THE SECRETARY

KELLY THOMPSON ..... *Publicity*  
 ETTA RUNNER ..... *Stenographer*  
 MRS. ORA BRAND ..... *Stenographer*  
 RUTH TUCK ..... *Stenographer*  
 CARRIE STRANGE ..... *Stenographer*  
 MARIE TEMPLE ..... *Stenographer*

## OFFICE OF THE REGISTRAR

MRS. BERNIE TICHENOR, A. B. .... *Recorder*  
 LUCILLE MORRIS ..... *Assistant*  
 LOIS ALMOND ..... *Secretary*  
 OLGA RANDOLPH, A. B. .... *Admissions*

## OFFICE OF THE BURSAR

REX MYERS ..... *Bookkeeper*  
 MRS. GUSSIE HAVARD ..... *Assistant Bookkeeper*  
 ROBERTA MOODY ..... *Secretary*  
 LOIS DICKEY ..... *Stenographer*

## OFFICE OF TRAINING SCHOOL

MRS. O. G. BYRN ..... *Secretary*

## OFFICE OF PERSONNEL

MRS. LILLIAN THOMPSON ..... *Secretary*  
 MRS. JAMES OVERBY ..... *Stenographer*

## OFFICE OF EXTENSION AND CORRESPONDENCE STUDY

LILLIAN HANLEY ..... *Secretary*

## OFFICE OF COLLEGE HEIGHTS FOUNDATION

STERETT CUTHBERTSON ..... *Provost*  
 R. H. SEWARD ..... *Secretary-Treasurer*  
 WILL B. HILL ..... *Field Representative*  
 R. L. BLAINE ..... *Stenographer and Bookkeeper*

## LIBRARY

MRS. FRANCES MOLTENBERRY, A. B. .... *Assistant Librarian*  
 LOUISE ASHER, A. B. .... *Assistant Librarian*  
 AGNES HAMPTON, A. B. .... *Library Assistant*  
 JANICE PACE, A. B. .... *Library Assistant*  
 MARTHA ORENDORF, A. B. .... *Library Assistant*  
 ELIZABETH COOMBS ..... *Library Assistant*  
 MRS. MARY T. LEIPER, A. B. .... *Librarian, Kentucky Library*  
 KATHERYN SULLIVAN, A. B. .... *Library Assistant*

## STUDENT HEALTH

BERTIE LOUISE REDD, R. N. .... *Supv. Student Health and Student Clinic*

## COMMITTEES OF THE FACULTY

## Curriculum

FINLEY C. GRISE, <i>Chairman</i>	M. L. BILLINGS
ARNDT M. STICKLES	L. T. SMITH
M. C. FORD	L. F. JONES
HENRY M. YARBROUGH	D. WEST RICHARDS
WILLIAM M. PEARCE	BERT R. SMITH
A. GORDON WILSON	MINNIE S. MARTIN
LOTTA DAY	W. L. MATTHEWS
GEORGE V. PAGE	SARAH ELLEN JEFFRIES
C. P. McNALLY	MARGIE HELM
N. O. TAFF	CARL ANDERSON
G. G. CRAIG	



*Entrance, Credits, and Graduation*

ERNEST H. CANON, <i>Chairman</i>	N. O. TAFF
J. R. ALEXANDER	M. L. BILLINGS
BERT R. SMITH	W. J. CRAIG
GEORGE V. PAGE	MRS. T. C. CHERRY

*Extra-Curricular Activities*

W. J. CRAIG, <i>Chairman</i>	GEORGE V. PAGE
M. L. BILLINGS	HORACE MCMURTRY
C. A. LOUDERMILK	MRS. T. C. CHERRY

*Athletics*

L. T. SMITH, <i>Chairman</i>	FLORENCE SCHNEIDER
E. H. CANON	W. L. MATTHEWS
CHARLINE ROEMER	H. L. STEPHENS
CARL ANDERSON	KELLEY THOMPSON

*Social*

SUSIE WEST McCLANAHAN, <i>Chairman</i>	MRS. MARY T. LEIPER
C. P. McNALLY	CHARLENE ROEMER
MARGIE HELM	W. L. MATTHEWS
CHARLES TAYLOR	MATTIE McLEAN
HELEN GWIN	ELIZABETH STRAYHORN
M. L. BILLINGS	FLORENCE SCHNEIDER
WARNER WILLEY	MRS. D. T. PENICK
MRS. MARGARET EVANS	MRS. H. H. CHERRY
FRANCES RICHARDS	

FACULTY  
COLLEGEH. H. CHERRY, LL. D., *President*

President, Southern Normal School and Bowling Green Business University, 1892-1906; President, Western State Teachers College and Normal School from its establishment by Kentucky in 1906 to present time; president of an institution in Bowling Green during his entire professional career; author, *Education the Basis of Democracy*.

FINLEY C. GRISE, B. S., A. M., Ph. D., *Dean of the College*

Life Certificate, Western Kentucky State Normal, 1914; B. S., George Peabody College for Teachers, 1916; A. M., same, 1917; Ph. D., same, 1924; teacher in public schools, Logan County, 1906-12; assistant, English and Latin, Western Kentucky Teachers College, 1913-15 and 1917-18; head of Department of Latin, same, 1918—; professor of Latin, George Peabody College, summer school, 1930; author, *Content and Method in High School Latin*.

ADAMS, MARIE, B. S., M. A., *Home Economics*

Student, Winthrop College, 1919-21; B. S., Western Kentucky Teachers College, 1924; University of Minnesota, summer school, 1926; M. A., Columbia University, 1930; teacher, Courtland (Va.) High School, 1921-22; Princeton High School, 1924-25; Training School, Western Teachers College, 1925-27; Western Kentucky Teachers College, 1930—.

ALEXANDER, J. R., A. B., *Mathematics*

Graduate of Southern Normal School, 1889; special student, Chicago University, 1904; professor of mathematics and physics, Southern Normal School, 1894-1907; head of Department of Mathematics, Western Kentucky Teachers College, 1907—.

ANDERSON, CARL R., A. B., *Physical Education and Athletics*.

A. B., Geneva College; Western Teachers College, 1927-29; Kansas State Agricultural College, 1930-33; Western Teachers College 1934—.

ANDERSON, FRANCES, A. B., M. A., *History*

Bellevue College, Wilmore, Kentucky, 1904-07; University of Kentucky, 1907-08; Cincinnati Conservatory of Music, 1913-14; A. B., University of Kentucky, 1924; University of Wisconsin, summer, 1927; M. A., University of Cincinnati, 1928; author, *Colonial New Jersey*; Western Kentucky Teachers College, 1930—.

ASHER, LOUISE, A. B., *Library*

A. B., Georgetown College, 1930; diploma in library science, George Peabody College, 1931; Western Kentucky Teachers College, 1931—.

ALLEN, NAOMI, A. B., *Music*

Music Certificate in Piano, Western Kentucky Teachers College, 1929; A. B., same, 1930; graduate student, Columbia University, 1930-31; Western Kentucky Teachers College, 1932—.

BAKER, W. M., B. S., M. S., *Chemistry*

B. S., University of Kentucky, 1929; M. S., same, 1931; graduate work, same, summer, 1934; instructor, Middlesboro High School, 1929; assistant instructor in chemistry, University of Kentucky, 1930; dean of Bethel College, 1931-32; Western Kentucky Teachers College, 1933—.

BARNES, CARLISLE B., A. B., A. M., *Industrial Arts*

A. B., Western Kentucky Teachers College, 1925; A. M., Colorado State Teachers College, 1929; director of manual training, City High School, Greenville, South Carolina, 1925-26; instructor in manual training, Junior High School, Selma, Alabama, 1927-28; Western Kentucky Teachers College, 1929—.

BILLINGS, M. L., A. B., M. A., Ph. D., *Psychology*

Life Certificate, Central Michigan State Teachers College; A. B., M. A., and Ph. D., University of Michigan; graduate student, University of Chicago, 1917; assistant instructor in psychology, University of Michigan; professor of psychology and education, Central Michigan State Teachers College, Mount Pleasant, Michigan; instructor in psychology, Berea College, Berea, Kentucky; member Sigma Pi and Acolyte honorary societies; author, *An Experimental Study Comparing the Ability for Solving Problems in the Different Academic Fields*; Western Kentucky State Teachers College, 1926—.

BOTHE, EDNA, A. B., A. M., *Library Science*

A. B., Central Wesleyan College, 1922; A. M., University of Missouri, 1926; summer term, University of Southern California, 1926; B. S., University of Illinois Library School, 1929; teacher in high schools, 1922-28; Western Kentucky Teachers College, 1929—.

CANON, ERNEST H., A. B., A. M., *Registrar*

Life Certificate, Western Kentucky State Normal, 1916; A. B., University of Kentucky, 1924; A. M., University of Kentucky, 1925; principal, Kevil High School, 1916-17; principal, Lynn Grove High School, 1917-18; principal, Finchville High School, 1918-23; assistant, Registrar's Office, University of Kentucky, 1924-25; Western Kentucky Teachers College, 1925—.

CHERRY, MRS. T. C., B. O., *English*

Graduate, Dickinson Seminary; B. O., Boston College of Speech; graduate student, New York School of Expression; student, Northwestern University, summer school, 1928; instructor of English and speech, Dickinson Seminary; instructor of English and speech, Southern Normal School; Western Kentucky Teachers College, 1923—.

CLAGETT, J. H., A. B., *English Literature*

A. B., Central University, Danville (Ky.), 1880; teacher with Professor Chenault, Louisville, one year; teacher and principal, Lancaster (Ky.) High School, three years; teacher and principal of Laurel Academy, London (Ky.), three years; teacher, Potter College, Bowling Green, nine years; teacher, Ogden College, Bowling Green, four years; Western Kentucky Teachers College, 1903—.

CLAGETT, MARJORIE, A. B., M. A., *French and German*

Life Certificate, Western Kentucky State Normal, 1920; A. B., Indiana University, 1923; M. A., same, 1926; certificate from Institute of Phonetics, Sorbonne, Paris, summer, 1928; teacher, Indiana University, three years; teacher, Hamline University, St. Paul, Minnesota, one year; teacher, Peabody Demonstration School; Western Kentucky Teachers College, 1928—.

COLE, MARY I., B. S., M. A., Ph. D., *Elementary Education*

B. S., Teachers College, Columbia University, 1927; M. A., same, 1929; Ph. D., same, 1934; teacher, public schools, Tillamook, Oregon, 1923-25; Oregon Normal, Monmouth, summer sessions, 1924-25; Gardner School for Girls, New York City, 1926-27; State Normal School, Bellingham, Washington, 1927-28; Syracuse University, New York, summer sessions, 1929, 1930; assistant, Department of Normal School Education, Teachers College, Columbia University, 1930-31; Western Kentucky Teachers College, 1931—.

COLE, BASIL, B. S., M. S., *Biology*

B. S., Western Kentucky Teachers College, 1931; M. S., University of Kentucky, 1932; graduate study, Iowa State College, 1933-34; Western Kentucky Teachers College, 1932—.

CORNETTE, JAMES P., A. B., M. A., *English*

A. B., Kentucky Wesleyan College, 1929; M. A., University of Virginia, 1930; instructor, Clark County High School, 1928-29; Mattoon Consolidated High School, 1930; Western Kentucky Teachers College, 1930—.

CRAIG, G. G., B. C. S., A. E., M. A., *Penmanship*

B. C. S., Bowling Green Business University, 1920; A. B., same, 1931; M. A., University of Kentucky, 1935; head, Penmanship Department, Bryant-Stratton Business College, Providence, R. I., 1920-21; principal of Anthony Wayne Business College, Fort Wayne, Ind., 1921-22; Professional Penmanship Certificate in the Leslie Method of Writing, 1923; Palmer Teachers Certificate, Chicago, 1924; Professional Penmanship Certificate, Zanerian College of Penmanship, Columbus, Ohio, 1926; author, *Craig Method Handwriting Manual*; Western Kentucky Teachers College, 1922—.

CRAIG, WILLIAM J., A. B., *Alumni Secretary and Director Personnel Work*

A. B., University of Kentucky, 1901; principal, Owensboro High School, 1901-06; head of Science Department, Victor (Col.) High School, 1907; supervisor of high schools, Commonwealth of Kentucky, 1924; past District Governor, Kentucky and Tennessee District Rotary International, 1924; head of Science Department, Western Kentucky Teachers College and Normal, 1908-22; Director of Personnel Work, 1925—.

DAY, LOTTA, Ph. B., M. S., *Home Economics*

Ph. B., University of Chicago; M. S., University of Chicago; additional graduate work at University of Chicago and Columbia University, 1931-32; supervisor of education, Indiana State Normal and Montana State Teachers College; supervisor of home economics and instructor, State Teachers College, Harrisonburg, Va.; supervisor, home economics in city and county schools, Harrisonburg, Va.; Western Kentucky Teachers College, 1924—.

DENMAN, CLARENCE P., A. B., A. M., Ph. D., *History*

A. B., University of Texas, 1923; A. M., same, 1924; Ph. D., University of Michigan, 1930; assistant professor of history, University of Delaware, 1926-27; professor of history, Baylor College, 1928-29; assistant professor of history, Miami University, 1931-34; author, *The Secession Movement in Alabama*; Western Kentucky Teachers College, 1934—.

DIDDLE, E. A., A. B., *Director of Athletics*

Student, Centre College, 1916-20; summer course, Notre Dame University, under Coach Knute Rockne, 1925; summer course, Leland-Stanford Junior University, 1928; graduate student, Columbia University, 1933-34; A. B., Western Kentucky Teachers College, 1935; coach of athletics, Hustonville High School, 1920; Greenville High School, 1921; Western Kentucky Teachers College, 1922—.

\*EDENS, WILLIAM J., B. S., M. S., *Agricultural Education*

B. S. (Agr.), Mississippi A. & M. College, 1919; teacher in vocational agriculture, Mississippi, 1919-20; graduate student, Peabody College, summer session, 1920; principal of high school, Gulfport, Miss., 1920-22; graduate student, Cornell University, summer session, 1925; M. S., same, 1930; Western Kentucky Teachers College, 1923—.

EGBERT, ERCELL JANE, A. B., M. A., *History*

A. B., Western Kentucky Teachers College, 1925; M. A., University of Pennsylvania, 1930; Western Kentucky Teachers College, 1925—.

ELLIS, WANDA, B. S., M. A., *Physical Education*

B. S., Teachers College, Columbia University, 1925; M. A., same, 1932; director of physical education, St. Elizabeth College, Madison,

\*On leave for graduate study, 1935-36.

New Jersey, 1925-26; director of health and physical education, State Teachers College, East Radford, Virginia, 1926-31; Western Kentucky Teachers College, 1932—.

FORD, M. C., B. S., M. S., Ph. D., *Ogden Department of Science*

Life Certificate, Western Kentucky State Normal, 1916; B. S. (Agr.), Wisconsin University, 1918; graduate student, Wisconsin University, 1924; M. S., 1926; Ph. D., same, June, 1929; department of agriculture and biology, Western Kentucky Teachers College, 1918—.

\*FORMAN, GUY, B. S., M. A., *Physics*

B. S., Western Kentucky Teachers College, 1929; M. A., University of Indiana, 1931; Western Kentucky Teachers College, 1929—.

\*FRANCIS, ROBERT J., A. B., M. A., *Physical Education*

A. B., Ohio Northern University, 1931; M. A., Western Teachers College, 1934; graduate student, Indiana University, summer, 1934; Western Teachers College, 1931—.

GRIFFIN, JUDSON ROY, A. B., M. A., Ph. D., *Geography*

A. B., University of Illinois; A. M., same; Ph. D., same, 1931; assistant, Department of Geology and Geography, University of Illinois, 1927-31; assistant geologist, Kentucky State Geological Survey, summers, 1927-31; assistant geologist, Illinois State Geological Survey, October, 1931-April, 1932; Western Kentucky Teachers College, 1932—.

GWIN, HELEN C., A. B., M. A., *Dietitian*

A. B., Pennsylvania College, 1923; M. A., University of Chicago, 1928; undergraduate work, Iowa State College, 1921-22; teacher in high school (Iowa), 1923-25; assistant in Commons Department, University of Chicago, 1926-29; director of cafeteria and hall, Northwest Missouri State Teachers College (Maryville), 1929-30; Western Kentucky Teachers College, 1930—.

HANKS, SERGEANT A., U. S. Army, *Assistant Military Science*

HELM, MARGIE, A. B., M. A., *Librarian*

A. B., Randolph-Macon Woman's College, 1916; student in Pratt Library School, 1921-22; student in Library Graduate School, University of Chicago, 1931-32; M. A., same, 1934; instructor in English and Latin, Jarratt (Va.) High School, 1916-17; instructor in English and Latin in Bowling Green High School, 1917-18; assistant in Western Kentucky State Normal School Library, 1920-21; assistant librarian, Western Kentucky Teachers College, 1922-23; Western Kentucky Teachers College, 1923—.

HOWARD, TRYPHENA, A. B., M. A., *Mathematics, Dept. of Extension*

A. B., Georgetown College, 1929; M. A., University of Michigan, 1930; graduate student, same, one semester, 1934; teacher, rural

\*On leave for graduate study, 1935-36.

schools, Ohio County, 1929; Crofton High School, 1930; Western Kentucky Teachers College, 1930—.

JEFFRIES, SARAH ELLEN, B. S., *Geography*

B. S., University of Chicago, 1914; teacher in rural schools in Kentucky, 1892-98; principal of Elizabethtown (Ky.) High School, 1898-1904; superintendent, Sonora (Ky.) High School, 1907-10; superintendent, Hodgenville schools, 1910-11; critic teacher, Training School, Western Kentucky State Normal, 1914-20; graduate student, University of Chicago, summer, 1925; Department of Geography, Western Kentucky Teachers College, 1920—.

JOHNSON, HUGH F., B. A., M. A., *Mathematics and Violin*

B. A., University of Cincinnati, 1926; Taft Fellow in mathematics, 1926-27; Baldwin Fellow in mathematics, 1927-28; M. A., University of Cincinnati, 1928; violin under H. Froehlich, four years; under Monsieur Jean Ten Have of the Cincinnati Conservatory of Music, four years; under Hugh McGibbeny of the Metropolitan School of Music, Indianapolis, one year; orchestra and ensemble with P. A. Tirindelli and Modeste Alloo at the Cincinnati Conservatory of Music; instructor in mathematics, Centre College, 1928-29; Western Kentucky Teachers College, 1929—.

JOHNSON, LILLIAN M., A. B., S. M., *Psychology*

A. B., Western Kentucky Teachers College, 1929; S. M., University of Chicago, 1932; instructor, Fern Creek (Ky.) High School, 1929-31.

JONES, LEE FRANCIS, B. E., Ph. M., Ph. D., *Education*

B. E., State Teachers College, Plattville, Wisconsin, 1927; Ph. M., University of Wisconsin, 1928; Ph. D., same, 1930; teacher in rural schools, 1906-08; principal, high school, Eufula, Washington, 1910-13; superintendent, Kelso, Washington, public schools, 1913-17 and 1919-26; assistant, Department of Education, University of Wisconsin, 1928-30; Western Kentucky Teachers College, 1930—.

LANCASTER, L. Y., B. S., M. S., Ph. D., *Biology*

Life Certificate, Western Kentucky State Normal, 1921; B. S. (Agr.), University of Kentucky, 1923; M. S. (Zoology and Bacteriology), State University of Ohio, 1928; Ph. D., same, 1931; Western Kentucky Teachers College, 1923—.

\*LEIPER, M. A., A. B., A. M., Ph. D., *English*

L. I., Peabody College, 1899; A. B., University of Nashville, 1901; A. M., Columbia University, 1905; Master's Diploma, Teachers College, New York, 1905; graduate student and Drieler Fellow, Columbia University, 1904-06; graduate student and fellow, Princeton University, 1906-07; Ph. D., Peabody College, 1926; instructor of Latin and Greek, Galloway College, 1902-03; professor of Latin, Maddox Seminary, 1903-

\*On leave.

04; professor of Latin and English, Peabody College, summer schools, 1914, 1916, 1919, 1924; author of Latin Syntax, Teaching Language through Agriculture and Domestic Science, Language Work in Elementary Schools, A New English Grammar, and co-author of New Idea Speller, Errors Made by College Freshmen in Their Written Compositions; Western Kentucky Teachers College, 1908—.

LEIPER, MRS. MARY T., A. B., *Librarian, Kentucky Library*

Licentiate of Instruction Certificate, Peabody College, 1903; graduate student, same; A. B., Western Kentucky Teachers College, 1930; teacher, city schools, Nashville, 1903-07; librarian, Bowling Green High School, 1927-29; Western Kentucky Teachers College, 1920—.

LOUDERMILK, C. A., B. S., M. S., *Animal Husbandry and Poultry*

Life Certificate, Western Kentucky State Normal, 1916; B. S. (Agr.), University of Kentucky, 1920; M. S., same, 1926; teacher, three years in rural schools of Carlisle County; teacher, high schools of Carlisle County; teacher, high school, DeKoven, Kentucky; Western Kentucky Teachers College, February, 1920—.

McCHESNEY, H. F., A. B., M. A., *French and German*

A. B., Westminster College, Fulton (Mo.), 1907; B. D., Presbyterian Theological Seminary, Louisville, 1911; graduate student, George Peabody College, 1931-32; M. A., same, 1934; principal, "La Progresiva" School, Cordenas, Cuba, 1907-08; missionary in Colorado among Mexicans and Ute Indians, 1911-16; teacher of Latin, Festus (Mo.) High School, 1920-21; teacher of Latin and Spanish, Mt. Vernon High School, 1921-25; principal, Beechwood Academy, Heidelberg, Kentucky, 1925-26; post-graduate work, University of Kentucky, 1926-27; professor, languages, Ogden College, 1927; Western Kentucky Teachers College, 1928—.

McNALLY, C. P., A. B., M. S., Ph. D., *Chemistry*

A. B., Elon College; M. S. and Ph. D., University of Virginia; instructor in chemistry, University of Virginia; Western Kentucky Teachers College, 1926—.

McMURTRY, HORACE, B. S., M. A., *Education*

B. S., Peabody College, 1922; A. M., Peabody College, 1923; student, Middle Tennessee Normal, spring and summer terms, 1914-15; student, University of Tennessee, summer, 1917; instructor, Peabody College, summer school, 1922-23; graduate student, Cornell University, 1931-32; Western Kentucky Teachers College, 1923—.

MARKS, MARY E., A. B., M. A., *Geography*

Life Certificate, Western Kentucky State Normal School, 1917; A. B., Western Kentucky Teachers College, 1927; M. A., University of Chicago, 1931; teacher in rural schools, 1917-21; superintendent, Hartford Graded and High schools, 1921-23; head of Hunterville Graded

School, 1924-25; instructor in geography, Western Kentucky Teachers College, 1925-29; Western State Teachers College (Mich.), 1930-33; instructor in geography, Teachers College, Denton, Texas, summer term, 1929 and 1933; Western Kentucky Teachers College, 1934—.

MARTIN, MINNIE S., B. S., M. A., *Art*

B. S., Peabody College; M. A., same, 1930; student, Paris Branch of the New York School of Fine and Applied Arts; supervisor of art, public schools, Raleigh, North Carolina; member summer faculty, Peabody College; Western Kentucky Teachers College, 1930—.

MOORE, EARL A., A. B., A. M., B. O., Ph. D., *English*

B. O. and A. B., Geneva College, 1916; A. M., Indiana University, 1921; graduate student, University of Chicago, summers, 1926 and 1928; graduate student, University of Pittsburg, summer, 1927; fellow in English, Indiana University, 1927-28; Ph. D., same, 1932; teacher, Athenian Academy, 1913 and 1915; teacher, Laona (Wis.) High School, 1919-20; instructor, Department of English, Geneva College, 1921-29; director of the summer session, same, 1923; Department of English, Western Kentucky Teachers College, 1929—.

MOORE, RUTH, A. B., M. A., *French*

A. B., Western Kentucky Teachers College, 1926; M. A., Peabody College for Teachers, 1929; student in the Sorbonne, Paris, France, summer, 1933; Western Kentucky Teachers College, 1926—.

PAGE, GEORGE V., B. S., M. S., *Physics*

Life Certificate, Western Kentucky State Normal, 1914; B. S., University of Kentucky, 1917; graduate student, University of Kentucky, 1922; M. S., University of Illinois, 1926; county agent, Club Work, Jefferson County, 1912; teacher in rural schools, Graves County, 1910; assistant, Geography Department, Western Kentucky State Normal, 1914; city school garden supervisor of Lexington Schools, 1916; assistant, Science Department, Western Kentucky State Normal, 1917; head of Department of Physics, same, 1920; summer extension school, Lebanon, Kentucky, 1921; St. Joseph's Academy, 1922; Western Kentucky Teachers College, 1920—.

PEARCE, W. M., A. B., B. S., *Director of Extension*

A. B., Yale University, 1907; B. S., National Normal University, 1901; Ph. B., same, 1903; teacher seven years in rural schools; superintendent of schools, Holly Springs (Mississippi), 1907-11; professor of history, Lowry-Phillips School, Amarillo, Texas, 1911-12; president, Ogden College, 1912-20; Director of Extension, Western Kentucky Teachers College, 1920—.

PERRY, ROBERT D., B. S., M. A., Ph. D., *Mathematics and Music*

B. S., Southwest Texas Teachers College, 1923; graduate student, University of Texas; M. A., Colorado Teachers College, 1925; Ph. D.,

Peabody College, 1932; graduate student, Purdue University; Kerns Conservatory of Music; instructor in high school, Tyler, Texas, 1923-24; instructor in high school, Port Arthur, Texas, 1925-26; instructor, Southwest Texas Teachers College, 1922-23; instructor, Colorado Teachers College, 1924; mathematics instructor and director of Purdue Symphony Orchestra, Purdue University, 1926-31; author, Perry Geometry Tests, Prediction Equations for Success in Mathematics; Western Kentucky Teachers College, 1932—.

POTEET, J. H., A. B., A. M., Ph. D., *History*

A. B., University of Richmond, 1917; A. M., Columbia University, 1927; Ph. D., Johns Hopkins University, 1930; principal, Norfolk County public schools, 1917-1919; teacher, Roanoke city schools, 1919-27; assistant professor of history, Washington and Lee University, 1928-29; associate professor of history, Louisiana Polytechnic Institute, 1931; Western Kentucky Teachers College, 1931—.

REARDON, VIRGINIA, A. B., M. A., *History*

A. B., 1933, Vanderbilt; M. A., same, 1934; Western Kentucky Teachers College, 1934—.

REDD, BERTIE LOUISE, R. N., *Student Health*

Graduate St. Thomas' Hospital, Nashville, Tennessee, 1924; graduate nurse, same, 1924-28; Western Kentucky Teachers College, 1928—.

RICHARDS, D. WEST, B. M., Ph. D., *Music*

B. M., Oxford, 1911; A. T. S. C., L. T. S. C., London, 1913; F. T. S. C., same, 1920; Ph. D., Trinity College, 1931; Life Certificate, Ohio State, 1929; special student, Ohio State University, summers, 1926 and 1927; studied voice with Randegger and Manuel Garcia, composition with Sir Frederick Bridge of Westminster Abbey, London, conducting with Sir Henry Coward Sheffield, orchestration with Stewart McPherson, Royal Academy; supervisor of music for the Educational Authority, Wales, 1911-1914; director of music of the International Children's Choir, Wales, 1919-1920; instructor and lecturer, Tonic Sol-Fa College, London, 1913-14; minister of music, Central Christian Church, Youngstown, Ohio, 1924-1934; supervisor of music, Mahoning county schools, Ohio, 1924-1927; director of public school music, Youngstown, Ohio, 1927-1934; director of Civic Prize Choral Union, 1923-1925; professor of music, Peabody College, summers, 1928-1934; author, Child Voice, Elements of Music, and Public School Methods; Western Kentucky Teachers College, 1934—.

RICHARDS, FRANCES, A. B., M. A., *English*

Life Certificate, Western Kentucky Teachers College, 1923; A. B., Western Kentucky Teachers College, 1925; M. A., Indiana University, 1930; Western Kentucky Teachers College, 1925—.

ROBENSON, JOHN A., Lieut. Colonel, U. S. Cavalry, *Military Science*  
Graduate of U. S. Military Academy, 1910; School of Fire, Fort Sill, Oklahoma; Center of Artillery Studies, Trier, Germany; Command and General Staff School, Fort Leavenworth, Kansas; Army War College, Washington, D. C.; Western Kentucky Teachers College, 1933—.

ROBERTSON, GABRIELLE, A. B., A. M., *History*

A. B., Indiana University; A. M., University of Chicago, 1920; graduate of Western Kentucky State Normal, 1912; teacher in public schools of Louisville; graduate student of the University of London, England, spring and summer, 1925; research work, National Library, Washington, D. C., 1927-28; Western Kentucky Teachers College, 1916—.

ROEMER, CHARLIENE, A. B., M. A., *Physical Education*

A. B., Western Kentucky Teachers College, 1928; graduate student, Peabody College, summer, 1930, and summer and fall, 1931; M. A., same, 1932; instructor, physical education, Ocala High School, Ocala, Florida, 1928-30; Western Kentucky Teachers College, 1930—.

RUDISILL, MABEL, A. B., M. A., Ph. D., *Elementary Education*

A. B., North Carolina College for Women, 1923; summer session, University of Virginia, 1925; M. A., University of Wisconsin, 1929; Ph. D., University of Wisconsin, 1931; teacher, North Carolina public schools, 1923-28; assistant, Department of Education, University of Wisconsin, 1929-30; fellow in education, University of Wisconsin, 1930-31; instructor in education, North Carolina College for Women, summer, 1931; associate professor of education, Florida State College for Women, 1931-33; Western Kentucky Teachers College, 1934—.

SALOMON, LOUIS B., A. B., M. A., Ph. D., *English*

A. B., University of Louisville, 1928; M. A., University of Pennsylvania, 1929; Ph. D., same, 1931; instructor in English, Pennsylvania University, 1929-31; Western Kentucky Teachers College, 1931—.

SCHELL, MERRILL E., A. B., M. A., *Mathematics*

A. B., Ball Teachers College, Muncie, Ind., 1926; M. A., University of Michigan, Ann Arbor, Michigan, 1928; graduate student, University of Michigan, 1928; special student, Marion Normal College, Marion, Ind., 1905-06; graduate, Indiana State Normal School, Terre Haute, Ind., 1912; special student, DePauw University, Greencastle, Ind.; special student, Indiana University, Bloomington, Indiana; teacher in rural and high schools, five years, Huntington County, Indiana; consolidated school principal, Huntington County, Indiana, three years; superintendent of schools, Roanoke, Indiana, five years; Western Kentucky Teachers College, 1929—.

SKINNER, J. T., B. S., M. S., Ph. D., *Chemistry*

B. S., Western Kentucky Teachers College, 1926; instructor in chemistry, Western Kentucky Teachers College, 1926-27, 1928-29; M. S., University of Wisconsin, 1928; assistant in agricultural chemistry, University of Wisconsin, 1930-33; Ph. D., same, 1932; author, Publications on the Role of Manganese in Nutrition; Western Kentucky Teachers College, 1933—.

SMITH, BERT R., B. S., M. A., Ph. D., *Educational Administration*

Life Certificate, Western Kentucky State Normal, 1914; B. S., Peabody College, 1923; M. A., Peabody College, 1924; Ph. D., same, 1932; graduate student, same, 1930-31; teacher in rural schools, three years; teacher in city schools, Murray, Kentucky, 1910-12; principal, elementary school, Owensboro, Kentucky, 1914-20; superintendent schools, Clinton, Kentucky, 1920-22; Western Kentucky Teachers College, 1923—.

SMITH, L. T., B. S., M. A., *Industrial Arts*

Graduate of Industrial Arts Department, Bradley Polytechnic Institute, Peoria, Illinois; special teachers training work at Stout Institute, Peoria, Illinois; special teachers training work at Stout Institute, Menominee, Wisconsin, and Iowa State College, Ames, Iowa; student, Bradley Polytechnic Institute, summers, 1923, 1924; M. A., Peabody College, 1931; instructor of industrial arts classes in Settlement House, Peoria, Illinois, one year; director of manual arts and drawing, Washington city schools, Washington, Iowa, two and one-half years; in charge of trade extension classes for Northwestern Railroad, Boone, Iowa, one year; instructor, Engineering Extension and Industries Department, Iowa State College, April, 1919, to July, 1920; Western Kentucky Teachers College, 1920—.

SPRIEGEL, WILLIAM R., A. B., B. S., M. A., Ph. D., *Economics and Sociology*

A. B., Lebanon University, 1914; B. S., same, 1915; M. A., University of Michigan, 1920; Ph. D., same, 1935; teacher of rural school, 1911; superintendent of schools, Waynesville, Ohio, 1915-17; principal, high school, Martin's Ferry, Ohio, 1917; teacher, Detroit schools, 1919; general superintendent and assistant personnel manager, U. S. Rubber Company, Detroit, 1920-27; Executive Training, Fisher Body Corporation, Detroit, 1927-29; superintendent, Madison schools, Royal Oak, Michigan, 1932-34; co-author of the following books, published by the General Motors Institute of Technology: Factory Organization, Department Management, Outlines of Industrial Development, and Economics of Industry; Western Kentucky Teachers College, 1934—.

STEPHENS, H. L., M. S., Ph. D., *Biology*

B. S., University of Wisconsin, 1924; teacher, Greenwood High School, 1924-25; Industrial Fellow at University of Wisconsin, 1925-26

and 1926-27; M. S., University of Wisconsin, 1926; Ph. D., same, 1932; Western Kentucky Teachers College, 1927—.

STERRETT, JAMES REID, Jr., A. B., M. A., *Speech and Dramatics*

A. B., Centre College, 1921; M. A., University of Wisconsin, 1923; graduate study toward Ph. D., University of Wisconsin, 1929-30 and summer study, 1930-31-32-33-34; graduate student, University of Virginia, summer, 1924, University of Colorado, summer, 1925; Northwestern University, summer, 1929; associate professor of English and speech, Centre College, 1923-34; Western Kentucky Teachers College, 1934—.

STICKLES, A. M., A. B., A. M., Ph. D., *History*

A. B., Indiana University, 1897; A. M., Indiana University, 1904; graduate student, University of Illinois, 1897-98; graduate student, spring term, Indiana University, 1899, and summer term, 1902; graduate student with teaching scholarship, Harvard University, 1909-10; A. M., Harvard University, 1910; Ph. D., Indiana University, 1923; principal of the Yorktown (Ind.) High School, 1901-03; head, Department of History and Civics, Evansville (Ind.) High School, 1903-08; author, *Elements of Government, The Critical Court Struggle in Kentucky*; Western Kentucky Teachers College, 1908—.

STITH, MARY EMMA, B. S., M. A., *English*

B. S., Peabody, 1924; M. A., Peabody, 1927; graduate student, Peabody College, 1927-28; instructor in English, State Normal, Jacksonville, Alabama, 1924-26; instructor in English, Peabody College, 1927-28; Western Kentucky Teachers College, 1928—.

STONECIPHER, SIBYL, A. B., M. A., *Latin*

A. B., Indiana University, 1919; M. A., University of Illinois, 1924; residence in Near East and in Italy, 1920-21; summer session, American Academy at Rome, 1925; head of Department of Latin, Mishawaka High School, 1925-29; teacher of Latin in Ball State Teachers College, summers, 1926, 1927, 1928 and 1931; course at Sorbonne, Paris, 1929; Western Kentucky Teachers College, 1929—.

†STRAYHORN, ELIZABETH CHERRY, A. B., M. A., *Mathematics*

A. B., Vanderbilt, 1925; M. A., Peabody College, 1928; graduate student, Columbia University, first semester, 1932-33; instructor in mathematics, Tubman High School for Girls, Augusta, Georgia; Western Kentucky Teachers College, 1928—.

STRAHM, FRANZ J., *Music*

Graduate, Higher Citizen School, Germany; graduate, School for Catholic Church Music, Freiburg, Germany; graduate, Conservatory of Souderhausen, Germany; musical director, Monteagle Assembly, 1908-13, 1916-19; composer of Festival Mass for solo, chorus, and pipe organ,

†On leave for graduate study, first semester 1935-36.

Vespers in D, Our Hero, many piano solos, violin solos, and songs; Western Kentucky Teachers College, 1909—.

TAFF, N. O., A. B., M. A., Ph. D., *Economics and Sociology*

Graduate, Normal Department, University of Arkansas, 1910; A. B., University of Arkansas, 1912; M. A., Peabody College, 1922; graduate student, University of Chicago, summer, 1914; graduate student, Peabody College, 1922-24; Ph. D., same, 1930; superintendent of schools, Hartford, Arkansas, 1912-13; same, Waldron, Arkansas, 1913-17; instructor of history and English, Magnolia (Ark.) Agricultural School, 1919-21; teacher of English, Peabody Demonstration School, 1922-23; Western Kentucky Teachers College, 1924—.

TAYLOR, MARY LEE, B. S., M. S., *Home Economics*

Life Certificate, Western Kentucky State Normal, 1921; B. S., Home Economics, University of Kentucky, 1925; teacher, home economics, Mayslick (Ky.) High School, 1922-23; M. S., Iowa State College, Ames, Iowa, 1928; Western Kentucky Teachers College, 1925—.

TAYLOR, CHARLES L., B. S., M. S., *Plant Husbandry*

B. S., University of Kentucky; M. S., University of Wisconsin, 1931; county agent, Hopkins, Nelson, Henderson and Boyle counties; Western Kentucky Teachers College, 1924—.

TERRY, WILLIAM L., A. B., M. S., *Physical Education*

A. B., Western Kentucky Teachers College, 1929; M. S., Indiana University, 1932; special student, University of Illinois, summer, 1930; instructor, Western Kentucky State Teachers College, 1929-31; instructor, Indiana University, summer school, 1932; teacher and coach of athletics, Marion (Ky.) High School, 1933; instructor, Murray State Teachers College, spring, 1934; Western Kentucky Teachers College, 1934—.

THOMPSON, DOROTHY O., A. B., M. S., *Home Economics*

A. B., Grinnell College, 1926; M. S., Iowa State College, 1928; graduate student, Art Institute, Chicago, 1931-32 and first semester, 1933-34; teacher, high school, De Witt, Iowa, 1926-27; instructor in home economics, Texas Institute of Technology, Lubbock, Texas, 1928-29; Western Kentucky Teachers College, 1929—.

TRAVELSTEAD, MRS. NELL GOOCH, A. B., *Public School Music*

Graduate, Franklin Female College; A. B., Potter College; A. B., Western Teachers College, 1934; two summer schools, Peabody College, 1918 and 1932; summer term, Hollis Dann School of Music, West Chester, Pennsylvania, and New York University; private instruction in piano under Professor Echart and Miss Stark of Vienna, Austria; voice under Helen Hunt, New York City; graduate student, Columbia University, first semester, 1934-35; instructor in summer school in West-

ern Kentucky, 1922; rural school music director for summer, Eastern Kentucky, 1925; public school music, Western Kentucky Teachers College, 1922—.

UPTON, JENNIE F., A. B., M. A., *English and Latin, Extension Dept.*  
A. B., Georgetown College, 1930; A. B., Western Teachers College, 1931; M. A., same, 1932; instructor in history and Latin, Western Training School, 1930-31; Western Kentucky Teachers College, 1932—.

WHITMER, J. R., B. S., A. B., M. S., *Biology*  
Life Certificate, Western Kentucky State Normal, 1920; B. S. (Agr.), University of Kentucky, 1922; A. B., Western Kentucky Teachers College, 1924; graduate student, Peabody College, 1925; graduate student, Pioneer University Cruise around the World, 1926; M. S., Iowa State College, 1929; graduate student, Indiana University, first semester, 1933; instructor in Department of Agriculture, Western State Teachers College, 1922; president of Bethel College, 1923-27; superintendent of schools, LaCenter, Ky., 1928; professor of agriculture, Iowa State Teachers College, summer, 1931; Western Teachers College, 1928—.

WILLEY, W. M., B. S., M. A., *Education*  
Life Certificate, Western Kentucky State Normal, 1919; Mississippi A. & M. College, summer, 1919; B. S., Peabody College; A. M., Peabody College; graduate student, University of Chicago; principal, public schools in Kentucky; principal, high schools in Mississippi and Tennessee; superintendent schools in Mississippi; teacher, Trevecca College, Nashville, Tenn.; Western Kentucky Teachers College, 1925—.

WILSON, GORDON, A. B., A. M., Ph. D., *English*  
Life Certificate, Western Kentucky State Normal, 1913; A. B., Indiana University, 1915, Phi Beta Kappa; graduate student and fellow in English, Indiana University, first semester, 1917-18; A. M., Indiana University, 1924; Ph. D., same, 1930, (doctor's thesis—Alexander Wilson: Poet-Essayist-Ornithologist); rural teacher, 1907-1910; assistant in English and Latin, Western Kentucky State Normal, 1912-13; co-author of A New English Grammar, 1923; editor of Forward Steps in Writing and Thinking English Series, 1933; author of numerous studies in ornithology; Western Kentucky Teachers College, 1915—.

WILSON, IVAN, A. B., M. A., *Art*  
Life Certificate, Western Kentucky State Normal, 1920; A. B., same, 1931; student, Art Institute, Chicago, Illinois, summers, 1922-23-24-25; graduate student George Peabody College, summers, 1931 and 1932; M. A., same, 1933; Western Kentucky Teachers College, 1922—.

WOODS, ELIZABETH, A. B., *Modern Languages*  
A. B., Liberty College; three years' post-graduate work in modern languages in Paris, France, and Florence; special course in Chicago

University, 1911; student of Columbia College, 1917; special course at Oxford University, England, 1919; course at the Sorbonne, Paris, 1920; Western Kentucky Teachers College, 1912—.

YARBROUGH, H. M., A. B., A. M., Ph. D., *Mathematics*  
Life Certificate, Western Kentucky State Normal, 1915; A. B., Indiana University, 1916; graduate student and assistant in mathematics, Indiana University, 1922-23; A. M., Indiana University, 1925; graduate student, Indiana University, 1928-29; Ph. D., same, 1930; Western Kentucky Teachers College, 1915—.

YOUMANS, WILLIAM B., B. S., M. A., *Biology*  
B. S., Western Kentucky Teachers College, 1932; M. A., same, 1933; assistant, Department of Biology, Western Kentucky Teachers College, 1934-35; graduate student, University of Wisconsin, 1935-36.

#### TRAINING SCHOOL

MATTHEWS, W. L., A. B., M. A., *Director*  
A. B., Western Kentucky Teachers College, 1924; M. A., Peabody College, 1927; graduate student, Harvard University, summer, 1934; superintendent, Livermore public schools, 1914-22; instructor in education, Massachusetts College, Amherst, summer school, 1928 and 1929; instructor in education, Fort Pearce Institute, Florida, summer, 1927; superintendent of Franklin city schools, 1922-30; Western Kentucky Teachers College, 1930—.

BROWN, HAYWARD, B. S., M. S., *Agriculture*  
B. S., Western Kentucky Teachers College, 1924; M. S., University of Wisconsin, 1927; principal, Ekron High School, 1919-21; instructor in agriculture, Western Kentucky Teachers College, 1923-24; Smith-Hughes teacher in Livermore High School, 1924-26; Western Kentucky Teachers College, 1927—.

CHRISTIE, LOUISE, B. S., M. A., *Art*  
Concord College, Athens, W. Va., 1927-29; B. S., Peabody College, 1930; graduate student, same, summers, 1931 and 1932; M. A., Columbia University, 1935; Western Kentucky Teachers College, 1930—.

CLARK, ETHEL B., A. B., M. A., *Principal, Rural Training School*  
Life Certificate, Western Kentucky State Normal School, 1915; student, summer school, Peabody College, 1919; summer school, Chicago University, 1920-21; A. B., State Teachers College, Ypsilanti, Michigan, 1929; M. A., George Peabody College, 1933; teacher in rural schools in Daviess County, 1915-20; rural school supervisor, 1920-22; principal, Ward School in Owensboro, 1922-23; conducted teachers' institutes in Kentucky, Indiana, and Pennsylvania; Model Rural School, Western Kentucky Teachers College, 1923—.



DRISKILL, RUTH, A. B., M. A., *Latin*

Life Certificate, Western Kentucky Teachers College; A. B., same, 1927; M. A., Peabody College, 1932; teacher in Rochester (Ky.) High School, 1920, 1922; teacher in Graham (Ky.) High School, 1921, 1923-25; head, Department of Latin, Bowling Green High School, 1925-35; Western Kentucky Teachers College, 1935—.

EATON, MARY FRANCES, A. B., M. A., *English*

A. B., Randolph-Macon Woman's College, 1924; M. A., Columbia University, 1929; teacher, Harrodsburg High School, 1924-26; Augusta-Tilghman High School, Paducah, Ky., 1926-28; Western Kentucky Teachers College, 1929—.

GRAHAM, LILYAN B., A. B., B. S., *Librarian*

A. B., Western Kentucky Teachers College, 1933; B. S. in Library Science, George Peabody College for Teachers, 1934; Western Kentucky Teachers College, 1934—.

HUNTER, LAVINIA, A. B., M. A., *First Grade*

A. B., Converse College; M. A., Peabody College; teacher for seven years in elementary schools, Gastonia, North Carolina; Western Kentucky Teachers College, 1931—.

HART, WELDON, B. S., *Orchestra and French*

B. S., Peabody College, 1933; teacher in Peabody Demonstration School, 1932-33; Western Kentucky Teachers College, 1933—.

HOWARD, SUSAN JANE, A. B., M. A., *Mathematics*

Life Certificate, Western Kentucky State Normal, 1919; A. B., same, 1925; graduate student, Chicago University, 1929-30, and summers, 1931 and 1932; M. A., Leland-Stanford, Junior, University, 1935; teacher in rural schools, 1910-21; teacher of mathematics, Lexington (Miss.) High School, 1921-22; principal of graded and high school, Campbell County, Virginia, 1922-24; Western Kentucky Teachers College, 1925—.

LAWRENCE, FRANK J., B. S., *Physical Education*

Life Certificate, Western Kentucky Teachers College, 1933; B. S., same, 1934; Western Kentucky Teachers College, 1931—.

LOWE, MRS. HERMAN, A. B., M. A., *Fourth Grade*

A. B., Western Kentucky Teachers College, 1927; M. A., George Peabody College for Teachers, 1931; student, Agnes Scott College; teacher of science, Bowling Green High School; Western Kentucky Teachers College, 1927—.

McCLURE, POLLY, A. B., M. A., *History*

A. B., Western Kentucky Teachers College, 1924; M. A., Columbia University, 1934; head, Department of History, Lakeland, Florida, High School, 1924-29; Western Teachers College, 1930—.

McGEHEE, ROSS, B. S., M. A., *Social Science*

B. A., Bryson College, 1923; B. S., George Peabody College, 1926; M. A., George Peabody College, 1927; assistant principal, Whitwell High School, Whitwell, Tenn., 1923-24; principal, Poelton Elementary School, 1924-26; Western Kentucky Teachers College, 1927—.

MATTHEWS, MRS. H. R., A. B., M. A., *English*

Life Certificate, Western Kentucky State Normal, 1915; A. B., same, 1924; M. A., Peabody, 1929; teacher of seventh grade and athletic coach, Pineville (Ky.) High School, 1915-16; teacher and social religious worker, Lee County, 1920-22; member of Board of Directors, Colledge Heights Foundation, 1923—; Western Kentucky Teachers College, 1924—.

PATE, SUSIE, B. S., M. A., *Home Economics*

Life Certificate, Western Kentucky Teachers College; B. S., University of Wisconsin; M. A., Columbia University, 1931; teacher of home economics seven years, Whitesville High School; Western Kentucky Teachers College, 1927—.

REEDER, NANCY DUDLEY, A. B., M. A., *Second Grade*

A. B., McLean College; A. B., Primary Education, Western Kentucky Teachers College; M. A., Columbia University, 1931; summer work, University of Kentucky, University of Tennessee, University of Chicago; teacher in city schools of Hopkinsville, Ky.; instructor in Kentucky state summer normals; Western Kentucky Teachers College, 1929—.

ROSS, N. L., B. S., M. A., *Science*

Life Certificate, Western Kentucky Teachers College, 1927; B. S. (Agr.), same, 1928; M. A., University of Kentucky, 1931; teacher, public schools of Ohio County eight years; teacher, Beaver Dam Graded and High schools four years; Western Kentucky Teachers College, 1928—.

SCOVILLE, MAGNOLIA, B. S., M. A., *Sixth Grade*

Life Diploma, Eastern Kentucky Teachers College, 1913; B. S., Peabody College, 1920; M. A., Columbia University, 1927; graduate student, University of Georgia, Athens; University of Washington, Seattle; Peabody College; teacher in city schools, San Juan, Porto Rico; critic and supervisor of English and geography, Teachers College, Athens, Georgia; fifth grade critic, East Carolina Teachers College, Greenville, North Carolina; seventh grade critic, summer school, New Mexico State Teachers College, Silver City; director of student teaching, summer school, East Carolina Teachers College, Greenville, North Carolina; geography instructor, summer school, University of Georgia, Athens; geography instructor, summer school, Emory University, Atlanta, Georgia; Western Kentucky Teachers College, 1924—.

**SPROUSE, ANNIE MARY, *Fifth Grade***

B. S., Peabody College, 1927; M. A., same, 1931; demonstration teacher, Peabody Demonstration School, summer school, 1927 and 1930; demonstration teacher, Demonstration School, North Texas State Teachers College, 1927-30, 1931-1934; Western Kentucky Teachers College, 1934—.

**STANSBURY, E. B., B. S., M. A., *Industrial Arts***

B. S., Western Kentucky Teachers College, 1930; M. A., George Peabody College for Teachers, 1933; teacher of industrial arts and coach, Greenville High School and Lancaster (Ky.) High School; Western Kentucky Teachers College, 1934—.

**TAYLOR, SARA, A. B., M. A., *Grades***

A. B., Marvin College; A. B., Western Kentucky Teachers College; M. A., Columbia University, 1931; teacher, Guthrie (Ky.) city schools; teacher, Bristol (Va.) city schools; Pembroke (Ky.) city schools; Western Kentucky Teachers College, 1929—.

**WINKENHOFER, ARNOLD, A. B., *Social Science***

Life Certificate, Western Kentucky Teachers College; A. B., same, 1928; teacher and athletic director, Princeton (Ky.) city schools, 1928-34; Western Kentucky Teachers College, 1934—.



## PART II

### GENERAL INFORMATION



CAMPUS SCENE

## GENERAL INFORMATION

### LOCATION

Bowling Green, a city of 15,000 population, located in the hills at the head of navigation on Barren River, may justly be called one of the most beautiful of the smaller cities of America. The city commands a panoramic view of rugged, wooded hills and fertile valleys seldom surpassed. It has thirty-five miles of asphalt streets, shaded by maple trees. Beautiful homes, splendid business houses, and fine public buildings adorn these streets. The city has excellent public schools and fifteen churches of different denominations to which students and visitors are welcome. A system of parks and playgrounds is adequately maintained. A cultured and hospitable citizenship, the product of long-established institutions of higher learning, is its finest attainment.

Bowling Green is very accessible. It is located on the main line of the Louisville and Nashville Railway, one hundred fourteen miles southwest of Louisville, and sixty-six miles north of Tennessee's capital. Few smaller cities have better train service. The western branch of the Consolidated Coach Corporation is located in this city. Travel accommodations are provided on all of the state and national highways entering the city.

Best modern college life demands, not so much metropolitan cities, in a sense an entity apart, but the smaller cities with rural contact, which produce an atmosphere yielding both culture and initiative while the college youth is pursuing academic studies. This will enable the understanding of American life at its best, a knowledge of which is imperatively essential for future success. For this, neither the smaller town nor the congested city is conducive. In this respect Bowling Green offers the prospective student a unique advantage.

### HISTORICAL SKETCH

Bowling Green is rich in local and state history. It was an important center in the early settlement of the western part of the state. In the distressing days of the Civil War, General

which contributes to the personal growth of the individual; an education that increases his thinking power and his culture, and leaves him in possession of those attributes which tend to make life more effective, more beautiful, and more worthwhile, both for himself and for those with whom he comes in contact.

While the Western Kentucky Teachers College is primarily concerned with the education of teachers, administrators, and supervisors for the schools of the state, it believes that young men and women not planning to enter the teaching profession should be permitted to enter the college and complete such subjects or courses as they may find adapted to their needs and interests.

It is the purpose of the Western Kentucky State Teachers College to maintain at all times a high standard of scholarship and professional training, to the end that those who are graduated may be thoroughly prepared and worthy of the recognition evidenced by the diplomas which they receive.

The facilities of the institution are available to any teacher or prospective teacher of the state. It seeks to serve both the rural and urban life of the Commonwealth. Adequate training, compensation, and security of tenure are necessary requisites to the establishing of teaching on a professional basis. Throughout its entire history, the institution has sought to elevate teaching to the rank of a profession and to provide the state with an adequately equipped and stabilized educational leadership.

#### STANDARDS OF THE COLLEGE

As a member of the Association of Kentucky Colleges and Universities, of the American Association of Teachers Colleges, and of the Southern Association of Colleges and Secondary Schools, the Western Kentucky State Teachers College is recognized by all institutions of higher learning. Credits earned in this college are accepted at their face value, and its graduates are given unconditional graduate standing in the leading colleges and universities of the country.

#### BUILDINGS AND GROUNDS

The college campus embraces an area of sixty acres. This includes the area known as College Heights, Cherry Village,

the Model Rural School, the athletic fields, and recreational areas. In addition to this, a farm of sixty-five acres, adjoining the campus, is maintained to provide instructional facilities in agriculture. Other farm lands are maintained elsewhere for production purposes.

College Heights, on which the college buildings are located, occupies an area of approximately twenty acres on an eminence overlooking the city of Bowling Green. To the north and west College Heights commands a view of the most beautiful valley to be found throughout the cavernous limestone region of the state. The Barren River hills in the distance lie north and west of this valley.

The college buildings located on College Heights are: Administration Building, Library, Recitation Hall, Training School, Music Hall, Home Economics Hall, J. Whit Potter Hall, West Hall, Cedar House, Stadium, Model Rural School, Industrial Arts, Central Power Plant, Physical Education Building, President's Home, and Kentucky Building.

The Administration Building is monumental in proportion and design, resting on the axis of the heights and commanding a view of the valley below. It is brick, trimmed in cut stone, and is fireproof. Its porch of Ionic columns is known and loved by all alumni. This building houses the offices of administration, classrooms, and an auditorium of sixteen hundred seating capacity, where daily chapel is held.

The Library Building is one of the finest in the South. Its architecture is modified Renaissance. It is three stories high and is faced with Bowling Green cut stone. Its ten Ionic columns on the facade overlooking the city lend a remarkable beauty and dignity to the design.

Stackrooms of 100,000-volume capacity extend two floors and occupy four levels of space. The main reading room, with a seating capacity of three hundred fifty, reference rooms, and offices, occupy the second floor. A little theatre and a periodical room are located on the ground floor of this building. Materials for the Kentucky Building, a very valuable art collection donated to the school by Mr. Perry Snell, and classrooms for Library Science occupy the third floor.



THE CEDAR HOUSE

Recitation Hall, a brick building, houses, in part, the departments of English, Education, History, Economics, Mathematics, Geography, Art, Chemistry, and Physics. It has more than fifty classrooms and offices.

The Training School Building houses the spiritual laboratory of the institution. It consists of the kindergarten, primary and intermediate grades, and junior and senior high school. The building is equipped with laboratories for science, agriculture, and home economics. A student clinic and a large gymnasium administer to the health of the children. It is one of the best-proportioned and best-arranged training school buildings in the South.

Home Economics Hall is thoroughly modern and well-equipped. It is a three-story stone structure. The staff offices, reception rooms, and clothing and applied arts laboratories are on the main floor. On the second floor is a large foods laboratory arranged in the unit-kitchen plan. A dining room, kitchen and pantry form another group for foods preparation and service. The science laboratory is also on this floor. The lower floor of the building contains a large household equipment laboratory, lecture room, and storage room.

The Home Management House, which is located on the Ogden Campus, is a modern, well-planned, six-room bungalow. It contains a well-appointed living room, dining room, kitchen, bath, and three bedrooms. This house is intended as a workshop where theory and experimentation may be tried out and converted into actual home-making activities. Senior girls majoring in home economics live here for a period of eight weeks. Each girl takes her turn in the organization and supervision of the home. Constant study is made in the effort to eliminate household drudgery and unnecessary waste of time and energy in the performance of house work.

The Cedar House is constructed of hewed cedar logs, chinked and pinned. The interior is of rustic finish. The building is the center of the various club and social activities of the school.

The Stadium, of 4,000 seating capacity, is crowned by a stone colonnade. It overlooks a landscape to the south and west, of unusual range and beauty. The playing field below is used

for athletics and pageants. The stadium is used extensively for outdoor meetings.

J. Whit Potter Hall is a thoroughly modern fireproof home for girls. It has a capacity of two hundred fifty. A spacious parlor with an open fireplace lends a home atmosphere to the



CLASSIC STONE COLUMNS CAP THE STADIUM

place. The basement floor is occupied by the main dining rooms of the institution.

West Hall is the girls' dormitory authorized by the 1928 session of the Kentucky Legislature. This building is of stone construction, absolutely fireproof, beautiful in design, and modern in every respect. It has rooms to accommodate two hundred girls.

The Model Rural School is located on an adequate campus. This building is of stone and is arranged for instruction in the management of the one-teacher school.

The Health and Physical Education Building, authorized by the Legislature of 1930, was opened at the beginning of the second semester of 1930-31. On the ground floor are located locker and shower rooms, drill room for the Reserve Officers' Training Corps, storage room for gymnasium apparatus, military supplies, and other equipment; also eight classrooms. The main floor includes offices for the Physical Education Department, examination and clinic rooms, and several large physical education classrooms; also a large gymnasium and auditorium, 100 by 180 feet, with a seating capacity of 5,000. In the two end wings of the second floor are six additional classrooms.

All equipment has been selected in keeping with the quality of the building, and is ample for the immediate needs of the institution.

The Central Power Plant is modern and adequate for service to the entire campus.

The Agricultural Buildings are located on the college farm. These house the school herds and flocks.

The Industrial Arts Building was opened at the beginning of the second semester of 1928-29. This building is of stone construction, three stories in height, and is thoroughly modern in equipment and design. It houses the Industrial Arts and the Maintenance Department of the institution.

#### OGDEN DEPARTMENT OF SCIENCE

Ogden College, which enjoyed a record of continuous and distinguished service for more than fifty years, leased its property to the Western Kentucky Teachers College in 1928. The object of this transfer was to enable the Ogden College property to occupy a larger sphere of usefulness to the state. This property, consisting of the college buildings and grounds adjoining College Heights and a farm of one hundred forty acres, is now being operated as the Ogden Department of Science of the Western Kentucky Teachers College. This department embraces the biological and agricultural sciences. The Department of

Extension and Correspondence Study is also quartered on this campus. Many other classes are also conducted here. The arrangement is a fortunate one, and the increased use of the property establishes the wisdom of the transfer.

The John E. Robertson chair of Natural Science is held by M. C. Ford, head of the Ogden Department of Science.



OGDEN COLLEGE CAMPUS

This is now part of the plant of Western Teachers College

#### THE TRAINING SCHOOL

*Purpose.* The Training School and the Model Rural School are maintained on the campus as laboratories for the training of teachers. As far as is possible, the aim is to make these two schools fulfill the threefold purpose (1) of giving first consideration to the interests and training of the boys and girls who are pupils in these schools, (2) of offering for observation and study the best in the technique of teaching and administration, and (3) of training teachers through actual participation and directed teaching.

*Plan and Organization.* The Training School consists of a

kindergarten, six elementary grades, and a junior and a senior high school of three years each. Besides the regular classroom activities, the school maintains a health department under the direction of an all-time graduate nurse; physical directors for grades and high school; music directors for instruction in piano, orchestra, and public school music; vocational departments in



TRAINING SCHOOL

agriculture, home economics, and manual training; and a library and study-hall under the supervision of a trained librarian.

The high school is given the highest accreditation possible, both by the State Department of Education and by the Southern Association of Colleges and Secondary Schools.

The Rural School, on the south edge of the campus, is a normally developed rural school of the first six grades and is maintained primarily for the training of rural teachers and supervisors.

*Directed Teaching.* Three courses in directed teaching are offered. They are listed and described in the Department of Education as Education 103, 303 and 304. Education 103 is

required of all applicants for the Provisional Elementary certificate and, with the exception of the Arts and Science Curriculum, Education 103 and 303 are required in all four-year curricula offered by the institution. Education 303 must be done in the subject or field of the student's major interest. Education 304 is an elective course for students who are preparing definitely for rural service and must be taken in the Rural Demonstration School concurrently with Education 303. In order to be eligible for enrollment in these courses students must have met the following minimum requirements:

- a. For Directed Teaching 103:
  1. The completion of at least 32 semester hours of college credit.
  2. The completion of the following courses in education and psychology; Education 105, Fundamentals of Elementary Education; Education 101, Directed Observation; Psychology 102, Fundamentals of Psychology.
  3. The satisfactory completion of English 101a and 101b.
  4. The attainment in all courses taken of at least an average grade of "C".
- b. For Directed Teaching 303:
  1. The completion of a minimum total of 90 semester hours of college work.
  2. The completion of at least two-thirds of the minimum requirements in the core curriculum and in the subject fields in which student teaching is done.
  3. The completion of at least two-thirds of the required hours in education other than student teaching.
  4. The satisfactory completion of the special methods course, or courses, required in the subject or grade to be taught.
  5. The attainment of at least a scholastic standing of "1" or "C" in all courses for which the student has enrolled in the institution.
- c. For Directed Teaching 304:
  1. In addition to meeting prerequisites for Directed Teaching 303, students electing this course must be preparing for rural school work and must take the course in the

Rural Demonstration School, concurrently with Education 303.

*Outline of Work.* The courses in directed teaching include (1) observation of lessons taught by the directing teacher, (2) the study of the pupils as individuals and in groups, (3) participation in matters of routine and management and in directing study, (4) making of large unit studies and daily lesson plans, (5) reports on professional readings assigned by the directing teacher, (6) construction of materials and devices for classroom use, (7) participation in assemblies, play activities, and special programs, and (8) actual group, or class, instruction for a minimum of three weeks during the term.

A general conference with the Director of the Training School is held every Tuesday afternoon at 4:20 o'clock. Immediately following this, group conferences are held for one hour or more with the different directing teachers. In addition to these meetings, individual conferences are arranged by the directing teachers for once or twice a week to discuss lesson plans, problems in teaching, and other constructive phases of the work.

*Lesson Plans.* Lesson plans for each lesson taught are to be handed to the directing teacher at least one day in advance of the teaching date of the plan. This enables the directing teacher to make corrections and suggestions in time for the student teacher to study the corrected plan before teaching the lesson. Those student teachers who show evidence of superior planning may be permitted to substitute the briefer outline plan for the more detailed plan near the close of the term at the discretion of the directing teacher.

*Directing Teachers.* Teachers of special training in the field of supervision and of successful experience have charge of the classes in the Training School and direct the work of the student teachers.

During the first week or two the teaching is done by the directing teacher, the student observing. Gradually the teaching is turned to the student, the directing teacher observing and discussing the lesson plans before and after the student teaches the lesson.

The directing teacher has full responsibility in directing and rating the student-teacher under his charge. Promptness,



initiative, and an evident desire for professional advancement are factors considered in rating the student as well as general scholarship, good English, and a technique that is indicative of successful teaching.

#### DURATION OF SESSION

The school year of the Western Kentucky Teachers College consists of two semesters of eighteen weeks each, two summer terms of six weeks each, and a spring term of nine weeks beginning in April and ending with the close of the second semester. The spring term is organized to accommodate students who desire to enter the college after the close of public schools having a seven or eight months' session. The two summer terms are conducted to provide opportunities for students who do not desire to remain in school for the entire summer session. (See page 5 for college calendar for 1935-36.)

#### STUDENT ACCOMMODATIONS

J. Whit Potter Hall provides rooming accommodations for two hundred fifty girls. It is of fireproof construction, beautiful in design and arrangement, and equipped with modern conveniences.

West Hall, the handsome dormitory authorized by the 1928 session of the Kentucky Legislature, has rooms for two hundred girls. The building is of fireproof construction and is thoroughly modern in every respect.

Both dormitories are equipped with single beds, for which linens are furnished. Covers, window draperies, dresser scarfs, towels, and toilet articles should be provided by the student.

Young women leaving home for the first time are urged to occupy rooms in the college dormitories because of the protection and association they afford. All freshmen women are required to live in the dormitories, unless special permission is secured from the administration of the college to occupy rooms in private homes. Reservations should be made in advance of arrival. A fee of \$5.00 should accompany each reservation. This fee will be refunded when the student leaves school, provided the room is left in good condition and the key returned.

The rate in J. Whit Potter Hall is now \$40.50 for room and meals for nine weeks, two students in a room. The rate in

West Hall is \$45.00 for meals and room for nine weeks, two students in a room.

The above rates in J. Whit Potter Hall include the privilege of the use of the laundry, which is maintained there. Rooms equipped with electric irons are provided in each hall. No extra charge is made for the use of this equipment.

Room rent is payable at least one-half semester, or nine weeks, in advance, unless otherwise arranged with the office of the Bursar.

Adequate dining facilities are provided on the first floor of J. Whit Potter Hall. This dining room has a capacity of five hundred students. The rate of \$3.50 a week is payable at least one-half semester in advance, unless otherwise arranged with the office of the Bursar.

In Cherryton, the village, are a number of available cottages of various types to suit the varying demands of those who occupy them. Electric lights are provided. Central bath houses for men and women are equipped with modern plumbing fixtures. Water is piped to convenient places, and provisions are made for sewage disposal.

Cherryton offers an economical arrangement whereby families may do light housekeeping, and it is especially attractive to those who prefer to occupy little homes of their own while attending school.

The location of the Western Kentucky Teachers College in the city of Bowling Green, a city of 15,000 population, with beautiful homes and splendid home and community life, affords ample housing facilities for the large number of students who cannot be provided for on the college campus. The best homes of the city are open to the young men and young women who attend this institution.

Room rates for students in private homes vary from \$6.00 to \$8.00 per month, according to the location and desirability of the room. Board in private homes may be had at \$16.00 to \$18.00 per month.

A list of available rooms in private homes, a number of which offer simple arrangements for light housekeeping, is on file at all times in the office of Miss Mattie McLean, Secretary to the President. If accommodations are not secured before reach-

ing Bowling Green, students should go immediately to the Administration Building, where information will be given them. Students are cautioned against solicitors at the station or on the campus, and are urged to accept advice regarding accommodations from official college representatives only. All houses taking students to board or room should be on the approved list of the College. The representative will be glad to be at the station to aid students if notice of the date of arrival is given.

#### THE COLLEGE HEIGHTS FOUNDATION

The Student Loan Fund was established to meet the needs of students who desire to obtain an education but who are unable to do so on account of a lack of funds. The money which it has to lend was raised through voluntary subscriptions and, consequently, is a very sacred fund, available only to those who are willing to help themselves by working hard and making good grades in all of their subjects. It is the purpose of the Foundation, primarily, to aid those who have promises of schools and who have definite plans for the repayment of the money within a year's time. This requirement is necessary because of the continuous and heavy demands that are made upon the organization.

The Foundation is also sponsoring the erection of the Kentucky Building, the exterior of which has already been completed. Plans are being worked out whereby the Federal Government will furnish the labor, provided the Foundation will raise enough money to supply the materials. To this end, a campaign is now in progress with a view of raising \$60,000.00 to complete the structure. If it could be generally recognized what it would mean to the spiritual welfare of the state to have assembled under one roof the best achievements in the literature, the art, and the history of great Kentuckians, there would be forthcoming, through voluntary subscriptions, a superabundance of money. Western and the Foundation are counting on former students and friends of the institution to supply this amount. Those who have not made subscriptions should not let this opportunity pass to do so.

Persons interested in obtaining loans from the Student Loan Fund are requested to write to R. H. Seward, Secretary-Treasurer, College Heights Foundation, Bowling Green, Ken-

tucky, for information as to the steps to be taken in securing financial assistance.

#### STUDENT HEALTH

The Teachers College experiences a dual responsibility concerning student health. While its first responsibility is to the personal health of its students, the added responsibility of training its students properly to observe the health of children is inherent in its nature.

A general student clinic, free to all students, is conducted at the beginning of each semester. Examination of weight,



KENTUCKY BUILDING

posture, eyes, ears, nose, throat, and heart is made by specialists in the employ of the institution. As a consequence, many corrections are made that assure the progress and improve the health of students.

A general course in home and community hygiene is required of all students. Regular health inspection of all children in the Training School is conducted. Student teachers are trained to assist in these inspections.

#### MILITARY SCIENCE AND TACTICS

*Reserve Officers' Training Corps.* The Western Kentucky

State Teachers College maintains an infantry unit of the Junior Division of the Reserve Officers' Training Corps in conformity with the provisions of the National Defense Act as amended.

*Object.* The primary object of the Reserve Officers' Training Corps is to provide systematic military training at civil educational institutions for the purpose of qualifying selected students of such institutions as reserve officers in the military forces of the United States. It is intended to attain this object during the time that students are pursuing their general or professional studies with the least practical interference with their civil careers, by employing methods designed to fit men physically, mentally, and morally for pursuit of peace, as well as to prepare them to perform their duties as leaders in the defensive forces of the nation in emergency.

*Education Aim.* The course of study is designed to give to the student a training which will be valuable to him in his industrial or professional career as it would be should the nation call upon him to act as a leader in its defensive forces.

*General Policy.* The policy adopted by the War Department to carry out the provisions of the act of Congress of June 3, 1916, as amended, is to give all students of the Reserve Officers' Training Corps a thorough physical training; to inculcate in them a respect for all lawful authority; to teach the fundamentals of the military profession and leadership and the special knowledge required to enable them to serve efficiently in the military service.

*Discipline of Body and Mind.* It is not practical to install complete and rigid application of military discipline and methods to the instruction of the students and to their daily life. However, the following characteristics of an officer and a gentleman, which are inculcated by a proper disciplinary training, will be insisted upon: neatness in dress; the cultivation of the manners and habits of a gentleman; a dignified and military bearing; devotion to duty; the cultivation in the student body of esprit de corps; obedience to orders; acceptance of responsibility and avoidance of excuses.

*Uniform and Equipment.* All uniforms and equipment are furnished by the college and issued to students in the Depart-

ment of Military Science and Tactics without cost to the individual.

#### ATHLETICS

The Western Kentucky Teachers College is a member of the Southern Intercollegiate Athletic Association. All intercollegiate athletics are governed by the rules of this association.

The institution conducts intercollegiate athletics for men in football, basketball, baseball, track, field, and tennis.

In addition to intercollegiate athletics, an extensive intramural program for both men and women is conducted. All students are urged to participate in athletic contests for the joy of playing and for the purpose of acquiring a knowledge of the games.

The institution recognizes its dual responsibility of preserving the health of its students through physical education and of teaching its students to conduct physical education classes and athletic contests for children.

#### CLASS ORGANIZATIONS

The class organizations provide an opportunity for all students of the institution to participate in debating, parliamentary practice, and extemporaneous and prepared discussions. They also provide for the social needs of the class groups. Plays and entertainments are conducted. Adequate accommodations are provided by the college. Each organization is under the direct sponsorship of a member of the faculty who is designated by the president.

The class organizations are known as the Freshman Society; the Sophomore Society; the Junior Society; the Senior Society, and the Graduate Club. These organizations meet bi-weekly. All students of the institution are urged to participate actively in one of these organizations.

#### CONGRESS DEBATING CLUB

The Congress Debating Club is an organization of men who desire a larger opportunity to participate in parliamentary practice and debating. The membership is elective. All men students are eligible for membership.

#### DEPARTMENTAL CLUBS

The various major departments of the institution sponsor

departmental clubs, which are open to persons who choose to major or minor in any particular department. These clubs are primarily study clubs, but the social interests of the members are not overlooked. They meet each month to study the special and current problems peculiar to their major interest.

#### MEDALS AND AWARDS

Prior to its consolidation with the Western Kentucky Teachers' College, Ogden College conferred annually on a member of its student body the Robinson Medal for the best declamation given by a student in the secondary department; the Ogden Medal for the best original oration given by a student in the college department; and the Trustees' Medal for the highest average grades. These medals will in the future be conferred on members of the combined student bodies.

The Robinson Medal will be awarded to the member of the Freshman or Sophomore Class giving the best declamation; the Ogden Medal, to the member of the Junior or Senior Class for the best original oration; and the Trustees' Medal, to the student having the highest scholastic standing for all work done in the college.

The contests for the Robinson and Ogden medals are open to men only, and will be conducted by the English Department. The student entitled to receive the Trustees' Medal will be selected by the Committee on Entrance, Credits, and Graduation. Both men and women are eligible to compete for the Trustees' Medal. The medals will be awarded by the Regent of Ogden College.

#### DEBATING

Interscholastic debating teams are trained each year by the English Department. Debates are held in this institution and with other colleges in the state.

#### CHAPEL

The life and spirit of the Western Kentucky Teachers College center in its chapel assembly.

Chapel is conducted daily at nine-thirty and is presided over by the President. Attendance is voluntary but practically

universal. Devotional exercises are conducted alternately by the students and faculty members. A high moral and intellectual atmosphere pervades the assembly and is disseminated throughout the institution.

The chapel assembly is a clearing house for ideas. Faculty and students occasionally speak in open forum. A fine democracy pervades the assembly. Subjects of state and national interest are discussed daily. Each is free to speak his thoughts and to challenge the thoughts of others.

The administrative policies of the institution are developed in chapel assembly. Individual responsibility and initiative are encouraged. Student leadership and constructive educational statesmanship are developed. The position of the Western Kentucky Teachers College as a pioneer and leader in educational thought is achieved largely through the chapel assembly.

#### PERSONNEL DEPARTMENT

The Western Kentucky State Teachers College maintains a Personnel Department for the purpose of directing the student organizations of the college and also to look after the general welfare of the individual student. In connection with this department is maintained a Placement Bureau. It is well-organized and effective in its work. There is still a demand for thoroughly competent and well-trained teachers as witnessed by the success of this bureau in its placement efforts during the past year. Though there has been some general decline in the salaries of teachers throughout the state, there is no reason to be discouraged about the future for teaching as a profession. In fact, there is no more scarcity of employment in this field than in any other walk of life.

The services of this department are available to all former students who desire to change positions. School boards desiring teachers will find this department of great assistance to them.

The services of the Personnel Department are free to all who seek its assistance. Letters regarding the employment of teachers or the personal welfare of students should be addressed to the President of the Western Kentucky Teachers College or to Director, Personnel Department.

## EXTENSION AND CORRESPONDENCE STUDY

Modern education accepts the challenge to play its part in adjusting the social order to a changing world. Its responsibility does not stop with the regularly organized curricula which persons of school age may pursue under the personal direction of a teacher.

Higher education cannot sufficiently influence the changing social order by training only those who go to college. It must reach and serve all of those who need to know how better to adjust their lives to changing conditions.

Residence study must remain the larger effort of education, but extension and correspondence study afford a means of contact for the school with others who need to know. While education seeks to train for life in a democracy, extension and correspondence study must assume a duly prominent role in its program.

The Western Kentucky Teachers College conducts a regularly organized and standardized Department of Extension and Correspondence Study. Many hundreds of persons are privileged to study through this department each year.

Write for circular giving complete information concerning regulations and courses offered.

## COLLEGE PUBLICATIONS

*College Heights* is the official journal of the Western Kentucky Teachers College. It is issued three times per year and is designed to carry official announcements and news regarding the activities of the institution. This paper will be sent free to anyone desiring it. Requests should be sent to the President.

*The College Heights Herald* is a school newspaper edited and published by a staff chosen from the student body. It is sponsored by the English Department. It is issued semi-monthly for seventeen issues each year. The subscription price is fifty cents per year, or one dollar for subscription price and membership in the Alumni Association. Subscriptions should be sent to College Heights Herald, Bowling Green, Kentucky.

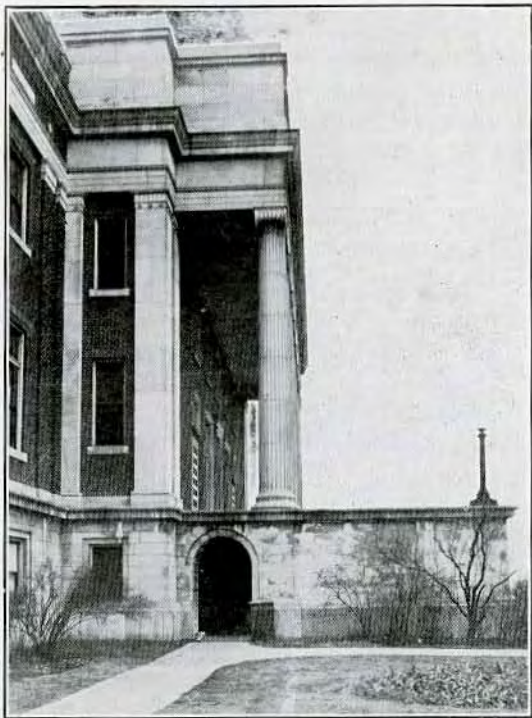
*The Talisman* is a pictorial annual showing scenes from life on College Heights. It is issued yearly by the Senior Class.

Requests for copies should be sent to Editor, Talisman, Western Kentucky Teachers College, Bowling Green, Kentucky.

## THE ALUMNI ASSOCIATION

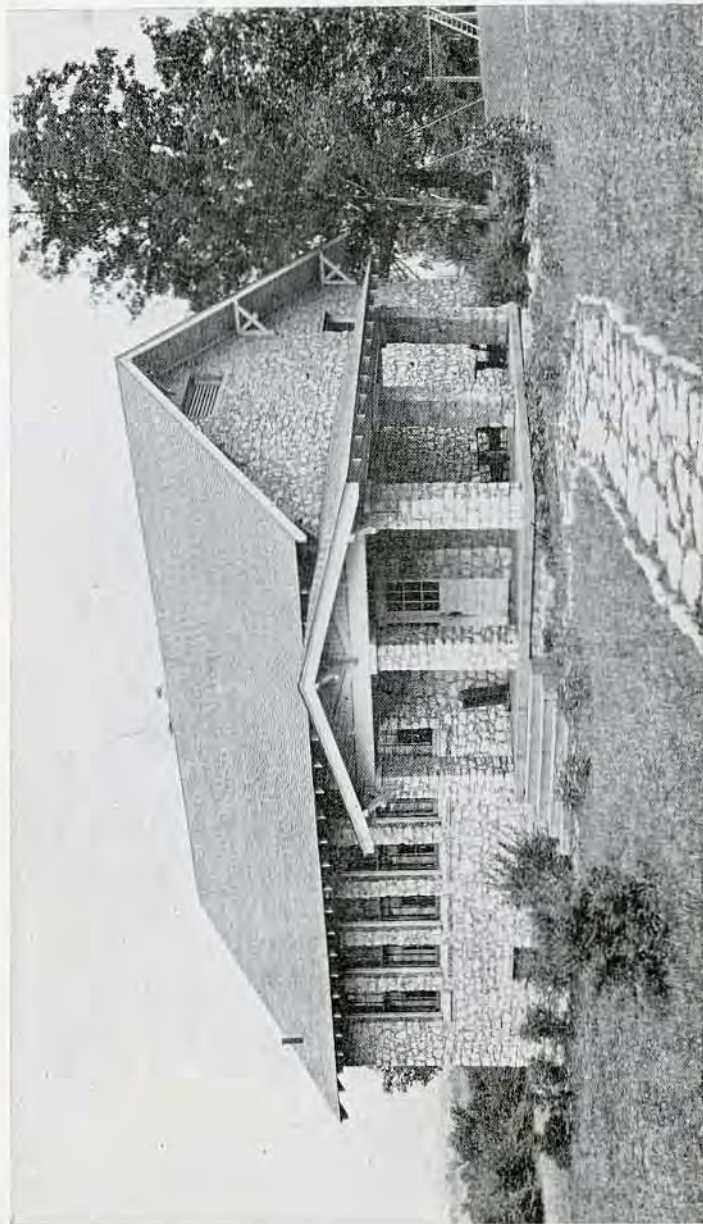
An institution lives in the lives of its alumni and prospers as they prosper. All the graduates and former students of the institution will be glad to know that the Alumni Association is carrying on enthusiastically and well. Four years ago at an annual meeting a new constitution was adopted. This constitution provides for two classes of members—regular members and associate members. The regular members are all the graduates of Western State Teachers College, both present and future, all graduates of the Life Certificate course of the institution prior to 1928, all graduates of Ogden College, all graduates of Potter College, and all graduates of the old Southern Normal School. Associate members are those who have had as much as one term of work in any of these institutions. A fee of \$1.00 is being charged. This money goes for defraying the general expenses of the association and for publishing and distributing the College Heights Herald, the college paper. The membership fee includes a subscription to the College Heights Herald for one year. All issues of the paper will be mailed promptly to each subscriber.

The spirit of this institution has been its most marked characteristic throughout its long history. This spirit is seen at its best in the Alumni Association. Loyalty and devotion to the aims and ideals of the institution have characterized every member always. Alumni groups have been organized in different county seats throughout the state, and assistance in effecting more of such organizations is being asked from all friends of the college. All former students are urgently requested to send in their memberships at the earliest possible date.



ADMINISTRATION BUILDING

PART III  
ADMISSION, CREDITS, AND CURRICULA  
CERTIFICATES AND DEGREES



RURAL DEMONSTRATION SCHOOL

## ADMISSION REQUIREMENTS

All applicants for admission to the Freshman Class of the college must have on file in the Registrar's office at the time of registration official transcripts signed by the superintendents or principals of the high schools from which they received their diplomas of graduation. Only transcripts sent direct from the superintendents or principals will be accepted. Applicants for admission must possess health, moral character, and the intellectual capacity necessary to profit from the courses taken.

All applicants are admitted on one of the following bases:

### I. TO FRESHMAN CLASS

Applicants for admission to the college must present at least sixteen units of high school credits, three of which units shall be in English, one in algebra, and one in plane geometry. In addition to the five basic units of English and mathematics, a sufficient number of units to make a total of sixteen must be offered from groups "A" and "B," except that not more than a total of four units may be offered from Group "B."

GROUP A			
ENGLISH	_____	3	to 4
FOREIGN LANGUAGES:*			
French	_____	1	to 3
German	_____	1	to 3
Latin	_____	1	to 4
Spanish	_____	1	to 3
SOCIAL SCIENCES:			
History	_____	1	to 3
Civics	_____	1	½
Political Economy	_____	1	
Sociology	_____	1	
Education	_____	1	
MATHEMATICS:			
Advanced Algebra	_____	1	
Solid Geometry	_____	½	
Trigonometry	_____	½	
Advanced Arithmetic	_____	½	
SCIENCE:			
Biology	_____	½	
Botany	_____	½	
Chemistry	_____	½	to 1
General Science	_____	½	to 1
Geology	_____	½	to 1
Physics	_____	½	to 1
Physical Geography	_____	½	to 1
Physiology & Hygiene	_____	½	to 1
Zoology	_____	½	to 1

\*Not less than 1 unit of foreign language accepted.

GROUP B			
(Only four units may be offered in B.)			
**Agriculture	_____	½	to 3
Bookkeeping	_____	½	to 1
Commercial Law	_____	½	
Commercial Arithmetic	_____	½	
Commercial Geography	_____	½	
Drawing (Freehand)	_____	½	to 1
Drawing (Mechanical)	_____	½	to 1
**Home Economics	_____	½	to 3
Shop Work	_____	½	to 2
Music	_____	½	to 1
Shorthand	_____	½	to 1

\*\*Not more than 1 unit will be accepted in any one subject.

Only students who hold certificates of graduation from accredited high schools will be admitted unconditionally and without examination. Students presenting certificates of graduation from non-accredited high schools will be required to validate by examination, credit in the following subjects: plane geometry, algebra, English, and two subjects representing one unit of credit each to be selected by the student.

## II. TO ADVANCED STANDING

Students entering this institution with credits earned in another institution of collegiate rank may be given advanced standing according to the amount and character of credit presented. A transcript of credits must be mailed by the Registrar of the institution in which the credits were earned to the Registrar of this institution.

Credits presented from non-accredited schools may be accepted when validated through advanced work in the subject or subjects for which credit is sought, or through examination, or through both advanced work and examination.

## III. TO STANDING AS SPECIAL STUDENTS

Students who are not candidates for any certificate or degree conferred by this institution may enter to pursue special courses, on payment of regular fees and with the consent of the heads of the department in charge of the courses desired. All such students shall show themselves capable of profiting by the courses they desire to pursue.

Students who desire to earn credit in the special courses pursued shall meet all conditions required of other students. This institution will not confer any certificate or degree on any special student, except when all requirements are met.

Persons twenty-one years of age or over who are not graduates of standard high schools may, at the discretion of the Committee on Entrance, Credits, and Graduation, be admitted as special adult students, without examination, to any of the classes below the sophomore year. In such cases, however, all requirements must be satisfied before any certificate or degree is granted.

## IV. TO THE GRADUATE SCHOOL

For requirements for admission to the Graduate School, see Page 98 of this catalog.

### REGISTRATION

Registration will be held at the beginning of each semester, the spring one-half semester, and the summer session. All registration is in person. Upon arriving at the college all students should report to the Registrar for the purpose of receiving registration blanks and instruction.

Early registration is desirable. No reservations in classes can be held for late entrants.

Late registration is permitted of persons who have been unavoidably delayed in entering. Permission of the Registrar and the head of the department in charge of the class which it is desired to enter is required. The student load will be governed according to the date of the entrance. No one may enter for credit after one-fifth of a semester or term has expired.

College freshmen who have not previously registered in Teachers College should arrive in Bowling Green, Friday, September 13. On Friday and Saturday, September 13 and 14, college freshmen will be registered and classified. They will be advised as to the opportunities offered by the college, and will be directed into the proper courses leading to the completion of requirements for certificates and degrees. They will avoid the experience of closed classes and the necessity for changing programs later.

High-school principals should send in advance an official transcript of high-school credits for all freshmen expecting to enter the institution.

### TUITION AND FEES

No tuition is charged residents of the State of Kentucky. Residents of other states will pay a tuition fee of \$25.00 per semester, or \$12.50 per one-half semester of nine weeks, or \$8.34 for each summer term of five or six weeks. An incidental fee of \$15.00 per semester, \$7.50 per spring one-half semester, and \$5.00 for each summer term of five or six weeks will be charged all undergraduate students entering this institution. The in-



cidental fee for graduate students is \$25.00 per semester, \$12.50 per one-half semester, and \$10.00 for each summer term of five or six weeks. The incidental fee provides free tickets to most athletic events, regular lyceum numbers, and other activities and entertainments.

## LABORATORY FEES

Art 102, Art Ed. in Elem. School, \$1.50	Home Econ. 100, Foods I 5.00
Art 200, Drawing and Design .50	Home Econ. 105, Textiles I 2.00
Art 201, Drawing and Design .50	Home Econ. 213, Applied Design II 1.00
Agri. 205, Agricultural Anal. 5.00	Home Econ. 200, Food Econ. 3.00
Agri. 208, Soil Physics 5.00	Home Econ. 206, Foods II 6.00
Biol. 105, General Biology 5.00	Home Econ. 207, Text. II 2.00
Biol. 200, Botany I 5.00	Home Econ. 302, Dietetics 3.00
Biol. 210, Agri. Bact. 5.00	Home Econ. 308, Adv. Nutrition 3.00
Biol. 211, Household Bact. 5.00	Physics 100a (General) 5.00
Biol. 215, Plant Path. 1.00	Physics 100b (General) 5.00
Biol. 220, Zoology I 5.00	Physics 101a (General) 5.00
Biol. 221, Vert. Anat. 4.00	Physics 101b (General) 5.00
Biol. 222, Vert. Anat. 4.00	Physics 102, Household Physics 3.00
Biol. 325, An. Microtech 1.00	Physics 200, Mechanics, etc. 5.00
Biol. 300, Plant Phys. 2.00	Physics 201, Magnetism, etc. 5.00
Biol. 320, Gen. Entom. 1.00	Physics 203, Light 3.00
Biol. 325, An. Microtech 1.00	Physics 300, Heat 3.00
Biol. 400a, Anat. of Stems and Roots 1.00	Physics 301, Electricity 3.00
Biol. 400b, Anat. of Seeds and Fruits 1.00	Ph. Ed. 100a, Freshman Physical Ed. (Subj. to 75c refund) 2.00
Biol. 420, Invert. Zool. 4.00	Ph. Ed. 100b, Freshman Physical Ed. (Subj. to 75c refund) 2.00
Biol. 421, Vert. Zool. 4.00	Ph. Ed. 150a, Sophomore Physical Ed. (Subj. to 75c refund) 2.00
Chem. 100a (General) 5.00	Ph. Ed. 150b, Sophomore Physical Ed. (Subj. to 75c refund) 2.00
Chem. 100b (General) 5.00	Ph. Ed. 161, Beginning Swimming 1.75
Chem. 101a (General) 5.00	Ph. Ed. 162, Interm. Swim. 1.75
Chem. 101b (General) 5.00	Ph. Ed. 163, Adv. Swim. 1.75
Chem. 102, (Qual.) 5.00	Ph. Ed. 263, Meths. of Teach. Swim. 1.75
Chem. 201, (Quan.) 5.00	Psych. 102, Intr. to Psychology .50
Chem. 201a (Quan.) 5.00	Psych. 107, Educational Psych. .50
Chem. 202, (Food) 5.00	
Chem. 250, (Organic) 5.00	
Chem. 302, (Organic) 5.00	
Chem. 351, (Biochem.) 5.00	
Chem. 361, (Physical) 5.00	
Geog. 101, Prin. of Geog. 1.00	
Geog. 111, Earth's Feat. and Mean. 5.00	
Geog. 121, Ele. of Meterol. and Clim. 5.00	
Geog. 212, Hist. Geology 2.00	
Geog. 212a, Hist. Geology 3.00	

Note.—Students pay all breakage over 50c.

## MUSIC RATES

Music fees are payable half semester in advance. No lessons will be given until arrangements are made with the Bursar for the fees.

	Per Lesson
Mr. Strahm	
Piano Lessons, one per week	\$1.50
Piano Lessons, two per week	1.25
Miss Allen, Assistant	
Piano Lessons, one per week	.50
Piano Lessons, two per week	.50
Mr. Johnson	
Violin Lessons, one per week	1.25
Violin Lessons, two per week	1.00

Mr. Richards	
Vocal Lessons, one per week	1.25
Vocal Lessons, two per week	1.00
Mr. Perry	
Wood Wind and Brass, one per week	1.00
Wood Wind and Brass, two per week	.75
	Per Week
Practice Room, one hour per day	\$ .35
Practice Room, two hours per day	.60
Practice Room, three hours per day	.80
Practice Room, four hours per day	1.00

## CREDITS

1. *Unit of College Credit.* The unit of credit is the semester hour, consisting of one fifty-minute period of recitation, or two fifty-minute periods of laboratory each week for eighteen weeks.

2. *Residence Credit.* This type of credit is earned through residence study during a semester or term. Students must successfully complete a minimum of twelve semester hours of credit each semester or six semester hours each one-half semester, or four semester hours each summer term of six weeks in order that it be counted as one of the required resident terms or semesters.

3. *Part Time Study.* Students may, with the consent of the administration of the college, enroll for any number of hours less than twelve.

4. *Extension and Correspondence.* Credits may be earned through extension and correspondence study under regulations recommended by the Curriculum Committee in conference with the Director of Extension, and adopted by the faculty of the college. Standards governing this type of credit must be equivalent in every respect to resident standards. Credit not to exceed one-fourth of the total hours required for any certificate or bachelor's degree may be earned through correspondence or extension, or by both methods.

5. *Student Load.* The student is required to carry each semester work amounting to at least twelve semester hours. He may carry without special permission sixteen hours, exclusive of required physical education. Freshmen will not be allowed to carry extra work during the first semester. Students having a standing of "2" for the preceding semester may enroll for eighteen semester hours. The permission of the Committee on Entrance, Credits, and Graduation is required for all credit in excess of eighteen semester hours. Under no circum-

stances may more than twenty semester hours be recorded by the Registrar. A reduction of the student's load is made for late entrance. Except in the case of superior students, not more than one semester hour of credit per week may be earned.

6. *Grading System.* The following grading system, adopted by faculty action, has been in effect since 1924: "A" indicates superior work; "B" indicates work above the average; "C" indicates average; "D" indicates work below average, but passing; "F" indicates failure; and "X" indicates conditioned. Grade "X" may be removed by special examination, or by other methods provided by the teacher in charge of the course. This must be done in the next semester, except in case the removal of the "X" involves the repetition of the classroom work, in which case the condition shall be removed when the course is repeated. Unless removed before the beginning of the corresponding semester of the following year, a condition becomes a failure, and the student must re-enroll in the course to earn credit. Failure may be removed only by re-enrollment. All failures and conditions must be removed before any certificate or degree is granted by the institution.

7. *Quality Credits or Grade Points.* Candidates for any certificate or degree conferred by the institution must acquire a number of grade points equal to the number of semester hours required for the certificate or degree sought. Each credit of "A" grade allows three points; of "B" grade, two points; and of "C" grade one point. "D" grades allow credit toward graduation but do not count toward points. An average standing of "I" or "C" is required of all students receiving any certificate or the baccalaureate degree. Candidates for the Master of Arts degree must have an average of "2" or "B."

8. *Junior and Senior College Courses.* Courses numbered from 100 to 199 are open to freshmen and sophomores; courses numbered from 200 to 299 are open to juniors and seniors. Courses numbered 200 and above are not open to freshmen or sophomores, except that advanced sophomores may be admitted to courses numbered 200 to 299, inclusive, on the basis of a written statement from the head of a department indicating that the student has been accepted as a major in the department concerned, and has the other prerequisites for the course in ques-

tion. Courses numbered 300 to 399 are open to juniors and seniors and, under certain conditions, may be taken for credit by graduate students. Courses numbered 400 and above are open to graduate students only. *Seniors with 96 or more hours may not take for credit required courses with numbers below 200.*

At least one-third of the 128 semester hours required for the degree must be earned in courses numbered 200 and above.

9. *Examinations.* All students must pass a satisfactory final written examination before receiving credit for courses in which they are enrolled.

Graduating seniors whose average standing in the institution is "B" or above at the beginning of the last semester or term of their senior year will be exempted from all final examinations in courses in which they are enrolled in the last semester or term, provided they are making in such courses an average of "B" or above two weeks previous to the final examination week.

10. *Standard of Work.* Any student whose average is less than "C" in the courses for which he is registered during a semester or term will be placed on probation for the following term or semester. If his average grade for the term of probation is less than "C," he will not be eligible for registration the succeeding term or semester, unless he can show satisfactory cause why he should not be dismissed.



RUSTIC BRIDGE ACROSS THE OLD MOAT OF THE ALBERT SIDNEY JOHNSTON FORT

## LAWS RELATING TO CERTIFICATES AND DEGREES

## I. BOARDS OF REGENTS OF STATE TEACHERS COLLEGES AUTHORIZED TO GRANT DEGREES

The Board of Regents of each teachers' college shall have the power to grant diplomas and degrees to the graduates of the institution upon recommendation of the president and faculty. (Acts 1934, p. 336, Chap. 65, Art. XI, Sec. 45.)

## II. LAWS PASSED BY THE 1934 SESSION OF KENTUCKY LEGISLATURE RELATING TO TEACHER TRAINING AND CERTIFICATION

*Certification Authority.* (Section 4502-1, Kentucky Statutes.)—The certification of all superintendents, principals, teachers, supervisors, attendance officers, and other administrative, supervisory, or instructional employees shall be vested in the State Board of Education. All certificates provided for by this act and that may be issued under this act shall be issued in accordance with the published rules and regulations of the State Board of Education through its executive officer, the Superintendent of Public Instruction. Certificates shall be issued, reissued, and renewed to former students, students and graduates of the state teachers' colleges of Kentucky for white persons and of the College of Education of the University of Kentucky upon the basis of the completion of curricula prescribed by the Council on Public Higher Education for each or any of the certificates provided for herein or as may hereafter be provided by law, and the curricula when so prescribed may be approved by the State Board of Education.

Certificates shall be issued to the former students, students and graduates of the two state institutions for colored persons in accordance with law and in accordance with the rules and regulations of the State Board of Education.

The State Board of Education is hereby authorized and directed to approve the curricula of any standard college or university, or of any department thereof for the training of teachers, when the curricula comply with the rules and regulations of the State Board of Education and when the institution shall have curricula equivalent to any or all the curricula prescribed for the state institutions for any of the certificates for teaching issued to students of such schools and as shall have otherwise met the terms and conditions as hereinafter provided. Any student of such institution who shall have completed any of these curricula or the equivalent thereof, as approved by the State Board of Education, and who in addition thereto shall have completed the prescribed requirements for the issuance of certificates for teaching to students of the state institutions may, by the State Board of Education, be granted a certificate for teaching of the same validity and tenure as certificates which are issued to students completing like requirements in the state institutions. (1934, c. 65, p. 295.)

*Publication of State Board Rules and Regulations.* (Section 4502-12, Kentucky Statutes.)—The State Board of Education, upon the recommendation of the Superintendent of Public Instruction, shall from time to time publish bulletins containing information on the

kinds and grades of certificates issued; the rules and regulations governing the issuance of each kind and grade of certificate issued, schools offering teacher-training courses, the renewal of certificates, the transfer of certificates to and from other states, the acceptance of credentials from institutions of other states, and such other information relating to the training and certification of teachers as it deems advisable. (1934, c. 65, p. 303.)

*Council on Public Higher Education.* (Section 4527-3, Kentucky Statutes.)—It shall be the duty of the Council of Public Higher Education in Kentucky, and it shall have power: (a) To coordinate the work and determine the curricular offerings of the five public institutions of higher learning for white persons in Kentucky, namely the University of Kentucky, Eastern Kentucky State Teachers College, Western Kentucky State Teachers College, Murray State Teachers College, and Morehead State Teachers College, on the basis of efficiency and economy.

*Maintenance of Practice Schools.* (Section 4527-50, Kentucky Statutes.)—The board of regents of each of the four state teachers' colleges may maintain in connection with the said teachers' colleges, a model and practice school, under the supervision of thoroughly trained teachers for the purpose of giving observation and practice work to the student teachers. (1934, c. 65, p. 337.)

*Definition of Standard College or University.* (Section 4502-2, Kentucky Statutes.)—An institution which is a member of the Association of Colleges and Universities of the Southern States or the American Association of Teachers' Colleges or the Kentucky Association of Colleges and Universities or which may be recognized as an accredited four-year institution by the University of Kentucky shall be deemed a standard college or university in the meaning of this act.

*Definition of Standard Graduate Work.* (Section 4502-2, Kentucky Statutes.)—Standard college or university work of graduate grade shall be interpreted to mean approved work in an institution belonging to any of the accrediting agencies set out herein and which institution has a program of work extending beyond four years of college or university work.

*Definition of Semester Hour.* (Section 4502-2, Kentucky Statutes.)—Within the meaning of this act, a semester shall consist of eighteen weeks (one-half year) of standard college or university work, and a semester hour shall consist of one academic or college hour per week for one semester. (1934, c. 65, p. 297.)

*General Qualifications for Certificates.* (Section 4502-11, Kentucky Statutes.)—No person shall receive or hold any certificate provided for in this act who does not present evidence of a good moral character, or who is under eighteen years of age; and no one shall be eligible to hold any public school position for which certificates may be issued, or receive salary for services rendered in such position, who does not hold a certificate of legal qualifications for such position. (1934, c. 65, p. 303.)

*Who Shall Hold Certificates.* (Section 4502-10, Kentucky Statutes.)—Each superintendent, principal, teacher, supervisor, attendance officer, or other administrative, supervisory, or instructional employee of a public or common school shall hold the kind and grade of certificate provided by law, for qualifying such person to hold such position. (1934, c. 65, p. 303.)

*Fees for Certificates.* (Section 4502-8, Kentucky Statutes.)—A fee of two dollars (\$2.00) shall be paid for each issuance of a certificate

and a fee of one dollar (\$1.00) for each renewal or conversion from lower to higher grade. Fees thus collected shall be used toward defraying operating expenses of the Division of Teacher Training and Certification of the State Department of Education. (1934, c. 65, p. 302.)

*Kinds of Certificates Issued.* (Section 4502-3, Kentucky Statutes.)—There shall be issued the following kinds of certificates, namely elementary certificate, high school certificate, and certificate in administration and supervision. Attendance officer certificates and emergency certificates may be issued as hereinafter provided.

(a) **ELEMENTARY CERTIFICATES.**—An elementary certificate shall be valid for use in any elementary school in this Commonwealth.

(1) **Provisional elementary certificate.**—The provisional elementary certificate, valid for three years, shall be issued to a person who has completed a curriculum of two years (64 semester hours) for the training of elementary teachers in a standard college or university, and which curriculum meets the minimum standards prescribed by the State Board of Education for the issuance of such certificate. This certificate may be reissued or renewed after two years' teaching experience during the life of the certificate or upon the presentation of one-half year (16 semester hours) of additional standard college or university work earned during the life of the certificate and prescribed in the same manner as for the original issue, and may be renewed thereafter upon the presentation of one-half year (16 semester hours) of additional standard college or university work earned during the life of the certificate and prescribed in the same manner as for the original issue.

(2) **The standard elementary certificate—valid for four years.** shall be issued to a person who is a graduate of a standard four-year college or university and who has completed a curriculum of four years (at least 120 semester hours) for the training of elementary teachers, which curriculum meets the minimum standards prescribed by the State Board of Education for the issuance of such certificate. This certificate may be reissued or renewed every four years after three years' teaching experience during the life of the certificate or upon the presentation of one-half year of standard college or university work of graduate grade prescribed in the same manner as for the original issue.

The standard elementary certificate may be extended for life upon the presentation of evidence of the holder having completed a standard four-year college or university curriculum (at least 120 semester hours) for the training of elementary teachers and in addition thereto one year of standard college or university work of graduate grade, prescribed in the same manner as for the original issue, and three years' teaching experience in the elementary field during the life of the certificate.

Each elementary certificate shall show on its face the curriculum the holder has completed for its issuance.

(b) **HIGH SCHOOL CERTIFICATE.**—The high school certificate shall be valid for use in any high school in this Commonwealth.

(1) **Provisional high school certificate.**—The provisional high school certificate, valid for four years, shall be issued to a person who is a graduate of a standard four-year college or university and who has completed a curriculum of four years (at least 120 semester hours) for the training of high school teachers which curriculum meets the minimum standards prescribed by the State Board of Education for

the issuance of such certificate. This certificate may be reissued or renewed every four years after three years' teaching experience during the life of the certificate or upon the presentation of one-half year of standard college or university work of graduate grade earned during the life of the certificate and prescribed in the same manner as for the original issue.

(2) **Standard high school certificate.**—The standard high school certificate, valid for five years, shall be issued to a person who is a graduate of a standard four-year college or university and who has completed a standard four-year college or university curriculum for the training of high school teachers and who, in addition thereto, has completed one year of standard college or university work of graduate grade, all of which meets the minimum standards prescribed by the State Board of Education for the issuance of such certificate.

The standard high school certificate may be extended for life upon presentation of evidence that the holder has had three years' teaching experience in the high school field during the life of the certificate.

Each high school certificate shall show on its face the curriculum the holder has completed for its issuance.

(c) **CERTIFICATE IN ADMINISTRATION AND SUPERVISION.**—Certificates in administration and supervision shall be valid for use in any position of superintendent, principal, supervisor, teacher, or attendance officer.

(1) **Provisional certificate in administration and supervision.**—The provisional certificate in administration and supervision, valid for four years shall be issued to a person who has had at least two years' successful teaching experience and who is a graduate of a standard four-year college or university and who has completed a standard four-year college or university curriculum (at least 120 semester hours) for the training of administrators and supervisors, which curriculum meets the minimum standards prescribed by the State Board of Education for the issuance of such certificate. This certificate may be reissued or renewed every four years after three years' experience during the life of the certificate or upon presentation of one-half year of standard college or university work of graduate grade, prescribed in the same manner as for the original issue.

(2) **Standard certificate in administration and supervision.**—The standard certificate in administration and supervision, valid for five years, shall be issued to a person who has had at least two years' successful teaching experience and who is a graduate of a standard four-year college or university and who has completed a standard four-year college or university curriculum for the training of administrators or supervisors, and who in addition thereto, has completed one year of standard college or university work of graduate grade, all of which work meets the minimum standards prescribed by the State Board of Education for the issuance of such certificate.

The standard certificate in administration and supervision may be extended for life upon presentation of evidence that the holder has had three years of successful experience during the life of the certificate.

Each certificate in administration and supervision shall show on its face the curriculum the holder has completed for its issuance. (1934, c. 65, p. 297.)

*Effective date.*—The provisions of Section 4502-3, Chapter VIII, of this act, shall become effective on and after September 1, 1935, and until this date certificates shall be issued in accordance with Sections

7, 8, 9, Chapter 86, Acts of 1926, as amended by Chapter 70, Acts of 1932.

*Certification of Attendance Officers.* (Section 4502-4, Kentucky Statutes.)—The State Board of Education, upon the recommendation of the Superintendent of Public Instruction, shall prepare rules and regulations providing for the certification of attendance officers. (1934, c. 65, p. 301.)

*Emergency Certificates.* (Section 4502-5, Kentucky Statutes.)—When a district board of education shall satisfy the State Board of Education that it is impossible to secure qualified teachers for a position or positions in the school under the control of such district board of education, the State Board of Education may, on approval of the Superintendent of Public Instruction, issue emergency certificates to persons who meet the qualifications which the State Board of Education shall determine for emergency certificates. An emergency certificate shall be valid only for the specific job for which issued and for the current school term.

The State Board of Education, may at its discretion, require the passing of a written examination before such emergency certificate shall be issued. In case an examination is used, it shall be prepared and administered and the papers graded in the State Department of Education under the direction of the Superintendent of Public Instruction, in accordance with rules and regulations approved by the State Board of Education for such examinations. (1934, c. 65, p. 301.)

*The Renewal of Certificates.* (Section 4502-7, Kentucky Statutes.)—Certificates lower than the standard provided for in this act may be raised to a higher grade only by completing in a standard college or university the amount of academic and professional work prescribed for such renewal or for such higher-grade certificate. (1934, c. 65, p. 302.)

*Certificates of Former Issue.* (Section 4502-6, Kentucky Statutes.)—The validity of any certificate or license in force at the time this act goes into effect shall not be impaired by this act, and such certificate or license shall be reissued or renewed in accordance with the terms of the law applying at the date of issue. (1934, c. 65, p. 302.)

*Power to Revoke Certificates.* (Section 4502-9, Kentucky Statutes.)—The State Board of Education may, on the written recommendation of the Superintendent of Public Instruction, revoke, for immorality, misconduct in office, incompetency, or willful neglect of duty, any certificate issued under this act, or any certificate or license issued under any previous act, to superintendents, principals, teachers, supervisors, attendance officers, or other administrative, supervisory, or instructional employees, after giving the defendant a copy of the charges against him and an opportunity upon not less than ten days' notice, of being heard in person or by counsel. (1934, c. 65, p. 302.)

## CERTIFICATES

The Western Kentucky State Teachers College offers curricula leading to all certificates authorized by the school laws of 1934. The provisions of these laws as regards validity, requirements, and renewal of Certificates may be found on pages 66-70 of this catalog. The curricula leading to these certificates are outlined on pages 75-93.

A list of the certificates follow:

1. *Elementary Certificates*
  - a. Provisional Elementary Certificate
  - b. Standard Elementary Certificate
2. *High School Certificates*
  - a. Provisional High School Certificate
  - b. Standard High School Certificate
3. *Certificates in Administration and Supervision*
  - a. Provisional Certificate in Administration and Supervision
  - b. Standard Certificate in Administration and Supervision
4. *Certificates for Attendance Officers*

## DEGREES

### UNDERGRADUATE DEGREES

The Western Kentucky State Teachers College confers two undergraduate degrees, the Bachelor of Arts or the Bachelor of Science, according to the curriculum selected.

The baccalaureate degree is conferred upon candidates who complete one of the four-year curricula with a minimum residence of thirty-six weeks, during which at least thirty-two semester hours of credit must be earned. A minimum total credit of 128 semester hours of prescribed and elective work with an average grade of "C," or above, is required.

Candidates for the baccalaureate degree must present credits in courses numbered 200 and above equal to at least one-half of the semester hours required for the major, not less than one-third of the semester hours required for the minors, and at least one-third of the total credits required for the degree.

All candidates for the degree must spend the final semester in residence study, regardless of the number of years of residence work done in this or other institutions.

Not more than 25% of the 128 semester hours required for the degree may be completed through correspondence and extension study. Not more than four of the last twelve hours required for the degree may be completed through correspondence or extension study.

All candidates for a degree must make formal application at least one year before the commencement at which the degree is to be conferred.

All candidates must attend the commencement exercises at which the degree is conferred, unless excused by the President of the College.

A candidate must be recommended for the degree by the Committee on Entrance, Credits, and Graduation or the Committee on Graduate Instruction, to the Faculty and Board of Regents.

#### BACHELOR OF ARTS DEGREE

The Bachelor of Arts degree is conferred upon candidates who complete all institutional requirements with a major in one of the following fields:

Art	History and Government
Economics and Sociology	Latin
English	Mathematics
French	Music

#### BACHELOR OF SCIENCE DEGREE

The Bachelor of Science degree is conferred upon candidates who have completed all institutional requirements with a major in any of the fields listed below:

Agriculture	Industrial Arts
Biology	Home Economics
Chemistry	Physics
Geography	Physical Education

For outlines of curricula leading to the various undergraduate degrees and certificates for teachers, administrators, and supervisions see pages 75-93 of this catalog.

#### NON-PROFESSIONAL BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES

For a complete outline of the Arts and Science curriculum leading to the non-professional baccalaureate degree, see page 94 of this catalog.

#### GRADUATE DEGREE

The institution grants one graduate degree, the Master of Arts. Candidates for this degree must meet the minimum requirements outlined on page 100 of this catalog.



THE SWIMMING POOL

CURRICULA

The curricula of Western Kentucky Teachers College have been planned for the training of teachers, administrators, and supervisors for the various types of public school service of the state and, also, to give students who are preparing for the teaching profession opportunity for acquiring a general higher education.

In outlining curricula designed for the preparation of men and women for both general and special school work, the institution has also recognized that provision should be made for the student to exercise some individual preference in adapting his education to his own personal interests, abilities, and inclinations. A prospective educational worker should study carefully the details of the curricula outlined, in order that he may understand clearly the purposes of each and choose the curriculum for which he considers himself best fitted.

All professional curricula have been made to conform with the requirements set up by the Council on Public Higher Education and approved by the State Board of Education for the training of teachers and administrators for the Schools of Kentucky.

A brief statement concerning the curricula offered by the Western Kentucky Teachers College and leading to the various degrees and certificates granted are given below. Details of the curricula may be found on the pages indicated. A list of the curricula follow:

1. A two-year curriculum for elementary teachers, leading to the Provisional Elementary certificate. Page 75.
2. A four-year curriculum for the training of elementary teachers, leading to the Bachelor of Science degree and the Standard Elementary certificate. Page 77.
3. A general four-year curriculum for the training of high school teachers, leading to the Bachelor of Arts or Bachelor of Science degree and the Provisional High School certificate. Page 81.
4. A special four-year curriculum for the training of high school teachers of agriculture. Page 84.
5. A special four-year curriculum for the training of the high school teachers of home economics. Page 86.

6. A four-year industrial arts curriculum. Page 89.
7. A four-year public school music curriculum. Page 90.
8. A four-year applied music curriculum. Page 92.
9. A five-year curriculum for high school teachers, leading to the Standard High School certificate and the Master of Arts degree. Page 87.
10. A curriculum for administrators and supervisors, leading to the Provisional Certificate in Administration and Supervision. Page 87.
11. A five-year curriculum for administrators and supervisors, leading to the Master of Arts degree and the Standard Certificate in Administration and Supervision. Page 88.
12. A curriculum leading to a certificate for attendance officers. Page 89.
13. A four-year Arts and Science curriculum leading to the Bachelor of Arts or Bachelor of Science degree, but with no privilege of certification. Page 94.
14. A graduate curriculum, leading to the Master of Arts degree in certain professional and academic fields. (See Graduate School, page 97.)

TWO-YEAR CURRICULUM FOR ELEMENTARY TEACHERS

Leading to the Provisional Elementary Certificate

This certificate is issued on sixty-four semester hours of prescribed and elective work, is valid for three years in any elementary school of the state, and is subject to renewal. Following are the minimum course requirements for this certificate:

Education	Sem. Hrs.
102 Introduction to Psychology .....	3
111 Fundamentals of Elementary Education .....	5
101 Directed Observation .....	2
103 Directed Teaching .....	3
Minimum in Education .....	13
English	
101a Freshman English .....	3
101b Freshman English .....	3
102 Types of English Literature, or	
104 American Literature .....	3
103 Children's Literature .....	3
Minimum in English .....	12

<b>Social Science</b>	
100 American History and Government .....	3
101 American History and Government .....	3
Minimum in Social Science .....	6
<b>Geography</b>	
101 Principles of Geography—Minimum .....	3
<b>Music</b>	
100 Rote Songs and Theory (Public School)—Minimum..	2
<b>Art</b>	
100 General Art (Public School)—Minimum .....	2
<b>Mathematics</b>	
101 Teachers Arithmetic—Minimum .....	3
<b>Health and Physical Education</b>	
100 Hygiene and Sanitation .....	2
100a-b Freshman Physical Education .....	1
150a-b Sophomore Physical Education .....	1
Minimum Health and Physical Education.....	4
<b>Science</b>	
A minimum of one five-hour course to be selected from Biology, Chemistry, Geology, or Physics .....	
	5
<b>Restricted Electives—</b>	
One of the following:	
101 General Agriculture, or	
108 Home Making Problems, or	
112 Elements of Industrial Arts, or	
108 Rural Sociology .....	2-3
Minimum Restricted Electives .....	2
Required Courses .....	52
General Electives .....	12
Total .....	64

Note.—Penmanship is strongly recommended.

*Courses Required for the Two-Year Curriculum for the Training of  
Elementary Teachers, by Semesters and Years*

Students completing this curriculum should follow the sequence of  
courses as outlined below.

**FRESHMAN YEAR**

<b>First Semester</b>	
Art 100, General Art (Public School) .....	2 hrs.
Biology 100, Hygiene and Sanitation .....	2 hrs.
English 101a, Freshman English .....	3 hrs.
Geography 101, Principles of Geography .....	3 hrs.
History 100, American History .....	3 hrs.
Mathematics 101, Teachers Arithmetic .....	3 hrs.
Physical Education 100a, Freshman Physical Education .....	½ hr.
	16½ hrs.
<b>Second Semester</b>	
Education 111, Fundamentals of Elementary Education .....	5 hrs.
English 101b, Freshman English .....	3 hrs.
History 101, American History .....	3 hrs.
Music 100, Theory of Music (Public School) .....	2 hrs.
Physical Education 100b, Freshman Physical Education .....	½ hr.
Psychology 102, Introduction to Psychology .....	3 hrs.
	16½ hrs.

**SOPHOMORE YEAR**

<b>First Semester</b>	
Biology 105, General Biology .....	5 hrs.
Education 101, Directed Observation .....	2 hrs.
English 102b, Types of English Literature, or English 104, American Literature .....	3 hrs.
Physical Education 150a, Sophomore Physical Education .....	½ hr.
Sociology 108, Rural Sociology, or Sociology 101, Principles of Soci- ology, or Agriculture 101, General Agriculture, or Home Eco- nomics 108, Home Making Problems, or Industrial Arts 112, Elements of Industrial Arts .....	2-3 hrs.
Elective .....	3 hrs.
	15½ hrs.
<b>Second Semester</b>	
English 103, Children's Literature .....	3 hrs.
Education 103, Directed Teaching .....	3 hrs.
Physical Education 150b .....	½ hr.
Electives .....	9 hrs.
	15½ hrs.

**FOUR-YEAR CURRICULUM FOR THE TRAINING OF ELEMENTARY  
TEACHERS**

Leading to the Bachelor of Science Degree and the Standard Elementary  
Certificate

The Standard Elementary certificate is valid for four years in the  
elementary schools of the state and may be renewed. The minimum  
course requirements for this certificate and the Bachelor of Science  
degree are as follows:

Education	Sem. Hrs.
102 Introduction to Psychology .....	3
111 Fundamentals of Elementary Education .....	5
101 Directed Observation .....	2
103 Directed Teaching .....	3
303 Directed Teaching .....	3
240 Educational Tests and Measurements .....	2
213a The Teaching of Primary Reading, or	
213b The Teaching of Reading in the Middle and Upper Grades .....	3
305 Psychology of Childhood .....	2
107 Educational Psychology .....	3
270 Elementary School Curriculum .....	3



Restricted Electives in Elementary Education	
a. Select four hours from the following:	
211	Problems of the Primary Teacher ..... 2
212	Kindergarten Primary Methods and Materials..... 2
210a	Methods and Materials in Middle and Upper Grades.. 2
210b	Methods and Materials in Middle and Upper Grades.. 2
b. Select three hours from the following:	
280	General History of Education ..... 3
380	History and Philosophy of Education in America ..... 3
382	Philosophy of Education ..... 3
384	Modern European Educational Systems ..... 3
	-----
	Minimum in Education ..... 36

Note.—On the approval of the Dean of the college and the head of the Department of Education, six semester hours in administration and supervision may be substituted for certain courses in elementary education by those who desire to qualify for administrative positions.

English	
101a	Freshman English ..... 3
101b	Freshman English ..... 3
102b	Types of English Literature ..... 3
104	American Literature, or 102a, Types of English Literature, or 105, Fundamentals of Speech, or 209, Teaching Language in the Grades, or 203a, Beginning Play Production ..... 3
103	Children's Literature ..... 3
	-----
	Minimum in English ..... 15

Social Science	
100	American History and Government ..... 3
101	American History and Government ..... 3
108	Rural Sociology, or
101	Principles of Sociology..... 3
	Elective—History, Government, Sociology, or Economics ..... 6
	-----
	Minimum Social Science ..... 15

Mathematics	
101	Teachers Arithmetic—Minimum ..... 3

Geography	
101	Principles of Geography ..... 3
291	Geography in the Elementary School ..... 3
	-----
	Minimum in Geography ..... 6

Art	
100	General Art (Public School) ..... 2
102	Art Education in the Elementary School..... 3
	-----
	Minimum in Art ..... 5
Music	
100	Rote Songs and Theory (Public School) ..... 2
101	Music Methods and Materials for Primary Grades, or
102	Music Methods and Materials for Intermediate
	Grades ..... 2
	-----
	Minimum in Music ..... 4
Health and Physical Education	
100	Hygiene and Sanitation ..... 2
100a-b	Freshman Physical Education ..... 1
150a-b	Sophomore Physical Education ..... 1
	-----
	Minimum in Physical Education ..... 4
Science	
A minimum of twelve hours selected from Biology, Chemistry, Geology, and Physics.	
Ten of the twelve hours must be earned in courses carrying a credit of five hours each. All students completing this curriculum are required to have at least five hours in Biology. Either Biology 105 or Biology 200 and 220 may be selected for this purpose.	
Penmanship	2
General Electives	26
Total hours required	128

Note 1: Students electing this curriculum and desiring to receive the Bachelor of Arts instead of the Bachelor of Science degree will complete the minimum institutional requirements in foreign language or mathematics in addition to the requirements outlined above.

Note 2: On the approval of the Dean of the College and the Head of the Department of Education, six hours in administration and supervision may be substituted for certain courses in elementary education by those who desire to qualify for administrative positions.

*Courses Required in the Four-Year Curriculum for the Training of Elementary Teachers by Years and Semesters*

Students completing this curriculum should follow the sequence of courses as outlined below.

## FRESHMAN YEAR

First Semester	
Art 100, General Art (Public School) .....	2 hrs.
Biology 100, Hygiene and Sanitation .....	2 hrs.
English 101a, Freshman English .....	3 hrs.
Geography 101, Principles of Geography .....	3 hrs.
History 100, American History .....	3 hrs.
Mathematics 101, Teachers Arithmetic .....	3 hrs.
Physical Education 100a, Freshman Physical Education .....	1/2 hr.
	16 1/2 hrs.

Second Semester	
Education 111, Fundamentals of Elementary Education .....	5 hrs.
English 101b, Freshman English .....	3 hrs.
History 101, American History .....	3 hrs.
Music 100, Theory of Music (Public School) .....	2 hrs.
Physical Education 100b, Freshman Physical Education .....	1/2 hr.
Psychology 102, Introduction to Psychology .....	3 hrs.
	16 1/2 hrs.

## SOPHOMORE YEAR

First Semester	
Education 101, Directed Observation .....	2 hrs.
English 102b, Types of English Literature .....	3 hrs.
Physical Education 150a, Sophomore Physical Education .....	1/2 hr.
Science (Biology, Chemistry, Geology, or Physics) .....	5 hrs.
Sociology 108, Rural Sociology, or Sociology 101, Principles of Sociology .....	3 hrs.
<sup>1</sup> Elective .....	3 hrs.
	16 1/2 hrs.

Second Semester	
English 104, American Literature, or 102b, Types of English Literature, or 105, Fundamentals of Speech, 209, Teaching Language in the Grades, or 203a, Beginning Play Production .....	3 hrs.
Physical Education 150b, Sophomore Physical Education .....	1/2 hr.
Psychology 107, Educational Psychology .....	3 hrs.
Science (Biology, Chemistry, Geology, or Physics) .....	5 hrs.
Social Science (History, Government, Sociology, or Economics) .....	3 hrs.
Penmanship, Methods in Penmanship .....	2 hrs.
	16 1/2 hrs.

## JUNIOR YEAR

First Semester	
Art 102, Art Education in Elementary Schools .....	3 hrs.
Education 213a, Teaching of Primary Reading, or Education 213b, Teaching of Reading in the Middle and Upper Grades .....	3 hrs.
English 103, Children's Literature .....	3 hrs.
Science (Elective) .....	2 hrs.
Social Science (History, Government, Sociology, or Economics) .....	3 hrs.
<sup>1</sup> Elective .....	2 hrs.
	16 hrs.

Second Semester	
Education 210a, Methods and Materials in Middle and Upper Grades, or Education 211, Problems of the Primary Teacher .....	2 hrs.
Education 240, Educational Tests and Measures .....	2 hrs.
Education 270, Elementary School Curriculum .....	3 hrs.
Geography 291, Geography in the Elementary School .....	3 hrs.
Music 101, Music Methods and Materials for Primary Grades, or Music 102, Music Methods and Materials for Intermediate Grades .....	2 hrs.
<sup>1</sup> Elective .....	4 hrs.
	16 hrs.

## SENIOR YEAR

First Semester	
Education 103, Directed Teaching .....	3 hrs.
Education 210b, Methods and Materials for Middle and Upper Grades, or Education 212, Kindergarten Primary Methods and Materials .....	2 hrs.
Education 280, General History of Education, or Education 380, History and Philosophy of Education in America, or Education 382, Philosophy of Education, or Education 384, Modern European Educational Systems .....	3 hrs.
<sup>1</sup> Elective .....	7 hrs.
	15 hrs.

Second Semester	
Education 303, Directed Teaching .....	3 hrs.
Psychology 305, Child Psychology .....	2 hrs.
<sup>1</sup> Elective .....	10 hrs.
	15 hrs.

<sup>1</sup> Students completing the Four-Year Curriculum for the Training Elementary Teachers are expected to use electives in satisfying requirements for an academic minor of not less than eighteen semester hours.

## FIVE-YEAR CURRICULUM FOR THE TRAINING OF ELEMENTARY TEACHERS

Leading to the Master of Arts Degree and Life Extension of the Standard Elementary Certificate

This curriculum includes the requirements in the four-year curriculum prescribed for the training of elementary teachers, page 77, and, in addition thereto, the requirements for the Master of Arts degree. See page 98 for a list of departments in which graduate work is offered and general requirements for the Master of Arts degree.

## GENERAL FOUR-YEAR CURRICULUM FOR THE TRAINING OF HIGH SCHOOL TEACHERS

Leading to the Bachelor of Arts or Bachelor of Science Degree and the Provisional High School Certificate

This Certificate, valid for teaching in high schools only, is issued for four years and may be renewed. See page 68, for basis of renewal.

Below is given a summary of the minimum requirements in the General Curriculum for high school teachers, leading to the Bachelor of Arts or Bachelor of Science degree with the Provisional High School certificate. The sequence of course requirements by semesters and years will be found on page 83 of this catalog. Applicants should also consult the requirements for majors and minors of their choice. The summary follows:

	Sem. Hrs.
1. One major—Minimum (exclusive of Education) .....	24
2. Two minors—Minimum (exclusive of Education) .....	18 each
3. Minimum Departmental Requirements:	
Education	
102 Introduction to Psychology .....	3
103 Directed Teaching .....	3
235 Essentials of High School Teaching .....	3
303 Directed Teaching .....	3

Note.—At least three hours of Directed Teaching must be done in secondary school subjects.

## Restricted Electives in Education

Six hours in Secondary Education must be selected from the following:

200 Survey of Secondary Education .....	3
231 Junior High School .....	2
241 Measurements in Secondary School .....	2
306 Psychology of Adolescence .....	2
309 Psychology of Secondary School Subjects .....	2
330 Senior High School .....	2
332 Extra Curricular Activities .....	2
336 Guidance in Secondary Schools .....	2

Minimum in Education .....

18

## English

101a Freshman English .....	3
101b Freshman English .....	3
102 Types of English Literature .....	3
104 American Literature, or	
102a Types of English Literature, or	
105 Fundamentals of Speech, or	
209 Teaching Language in the Grades, or	
203a Beginning Play Production.....	3

Minimum in English .....

12

## Science

A minimum of twelve hours selected from Biology, Chemistry, Geology, Physics.

Ten of the twelve hours must be earned in courses carrying a credit of five hours each .....

12

## Social Science

Selected from the following: History, Government, Economics, Sociology. Minimum in Social Science..

12

Note.—At least six of the twelve hours in Social Science must be earned in one field.

Mathematics or Foreign Language .....

7-12

If Mathematics is selected, the following are required:

102 College Algebra .....	4
103 Plane Trigonometry .....	3

Minimum in Mathematics .....

7

If Foreign Language is elected, the minimum is .....

6-12

Note.—The required credits in Foreign Language may be earned in Latin, French, or German. The number of hours in

Foreign Language required is determined by the number of high school units submitted for admission. If three units or more of a foreign language are offered for admission, six semester hours in the same language will be required; if two units of a foreign language are offered for admission, nine semester hours in the same language will be required; if one unit or less of a foreign language is offered for admission, twelve semester hours in one language will be required. All college credits earned in Foreign Language must be in courses above the level of those completed in high school and submitted in partial fulfillment of requirements for admission to the institution.

## Health and Physical Education

100 Health and Sanitation .....	2
Physical Education .....	1

Minimum in Health and Physical Ed.....

3

Total Departmental Requirements.....

59-64

Electives .....

69-64

Total for the Degree and the Certificate .....

123

*Requirements in the General Four-Year Curriculum for the Training of High School Teachers, Outlined by Semesters and Years*

All students completing this curriculum will follow in detail the sequence of courses indicated below. Any departure from this outline will result in conflicts in courses and probably loss of time and credit.

## FRESHMAN YEAR

## First Semester

Biology 100, Hygiene and Sanitation, or Elective .....	2	hrs.
English 101a, Freshman English .....	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics .....	3	hrs.
Physical Education 100a, Freshman Physical Education .....	1½	hr.
Science (Biology, Chemistry, Physics, or Geology) .....	5	hrs.
<sup>2</sup> Social Science (History, Government, Economics, or Sociology) .....	3	hrs.

16½ hrs.

## Second Semester

English 101b, Freshman English .....	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics .....	3	hrs.
Major Subject, or Elective .....	3	hrs.
Physical Education 100b, Freshman Physical Education .....	1½	hr.
Science (Biology, Chemistry, Physics, or Geology) .....	5	hrs.
<sup>2</sup> Social Science (History, Government, Economics, or Sociology) .....	3	hrs.

17½ hrs.

## SOPHOMORE YEAR

## First Semester

English 102, Types of English Literature .....	3	hrs.
<sup>1</sup> Foreign Language, or Elective .....	3	hrs.
Major Subject .....	5	hrs.
Physical Education 150a, Sophomore Physical Education .....	1½	hr.
Science (Biology, Chemistry, Physics, or Geology) .....	2	hrs.
<sup>2</sup> Social Science (History, Government, Economics, or Sociology) .....	3	hrs.

16½ hrs.

## Second Semester

English 104, American Literature, or 102a, Types of English Literature, or 105, Fundamentals of Speech, or 209, Teaching Language in the Grades, or 203a, Beginning Play Production	3	hrs.
<sup>1</sup> Foreign Language, or Elective	3	hrs.
Major Subject	4	hrs.
Physical Education 150b, Sophomore Physical Education	1	hr.
Psychology 102, Introduction to Psychology	3	hrs.
<sup>2</sup> Social Science (History, Government, Economics, or Sociology)	3	hrs.
	16½	hrs.

## JUNIOR YEAR

## First Semester

Major and Minor Subjects or Electives	13	hrs.
Education 235, Essentials of High School Teaching	3	hrs.
	16	hrs.

## Second Semester

Major and Minor Subjects or Electives	13	hrs.
<sup>2</sup> Secondary Education (Elective)	3	hrs.
	16	hrs.

## SENIOR YEAR

## First Semester

Education 103, Directed Teaching	3	hrs.
Major and Minor Subjects	11	hrs.
<sup>3</sup> Secondary Education (Elective)	3	hrs.
	15	hrs.

## Second Semester

Education 303, Directed Teaching	3	hrs.
Major and Minor Subjects, or Elective	11	hrs.
	14	hrs.

<sup>1</sup> See page 82 for interpretation of requirements in Mathematics and Foreign Language.

<sup>2</sup> At least six of the twelve hours in Social Science must be earned in one field.

<sup>3</sup> See page 82 for list of courses in Secondary Education from which Electives must be taken.

### SPECIAL FOUR-YEAR CURRICULA FOR THE TRAINING OF HIGH SCHOOL TEACHERS OF AGRICULTURE AND HOME ECONOMICS

Leading to the Provisional High School Certificate and the Bachelor of Science Degree

A student completing either of the following special curricula including the requirements in Secondary Education listed below will be entitled to the Bachelor of Science degree and the Provisional High School certificate.

1. Curriculum for the Training of Teachers of Home Economics in Smith-Hughes high schools and leading to the Bachelor of Science degree. See pages 86, 87, for complete outline of requirements.

2. Curriculum for the Training of Teachers of Agriculture in Smith-Hughes high schools and leading to the Bachelor of Science degree. See pages 85, 86, for complete outline of this curriculum.

3. Requirements in Secondary Education:	Sem.	Hrs.
102 Principles of Psychology		3
103 Directed Teaching		3
233 Essentials of High School Teaching		3
303 Directed Teaching		3

## Restricted Electives—Six hours from the following:

200 Survey of Secondary Education	3
231 Junior High Schools	2
241 Measurements in Secondary Education	3
306 Psychology of Adolescence	2
309 Psychology of Secondary School Subjects	2
330 Senior High Schools	2
332 Extra-Curricular Activities	2
336 Guidance in Secondary Schools	2

## AGRICULTURE CURRICULUM

Leading to the Bachelor of Science Degree and Provisional High School Certificate

## FRESHMAN YEAR

First Semester	
Agriculture 110, Animal Husbandry I	4 hrs.
English 101a, Freshman English	3 hrs.
Mathematics 102, College Algebra	4 hrs.
American History 100	3 hrs.
Physical Education 100a, Freshman Physical Education	½ hr.
Elective	2 hrs.
	16½ hrs.
Second Semester	
Agriculture 111, Animal Husbandry II (Dairy Husbandry)	3 hrs.
Chemistry 100, General Chemistry	5 hrs.
English 101b, Freshman English	3 hrs.
Sociology 108, Rural Sociology	3 hrs.
Physical Education 100b, Freshman Physical Education	½ hr.
Elective	2 hrs.
	16½ hrs.

## SOPHOMORE YEAR

First Semester	
Agriculture 115, Poultry I	3 hrs.
Biology 105, General Biology	5 hrs.
Chemistry 101, General Chemistry	5 hrs.
English 102b, Types of English Literature	3 hrs.
Physical Education 150a, Sophomore Physical Education	½ hr.
	16½ hrs.
Second Semester	
Agriculture 103, Horticulture I	3 hrs.
Agriculture 215, Poultry II	2 hrs.
Biology 225, Economic Entomology	2 hrs.
Physics 100, General College Physics	5 hrs.
Physical Education 150b, Sophomore Physical Education	½ hr.
Psychology 102, Introduction to Psychology	3 hrs.
Elective	2 hrs.
	17½ hrs.

## JUNIOR YEAR

First Semester	
Agriculture 204, General Farm Crops	5 hrs.
Agriculture 206, Agricultural Analysis	5 hrs.
Biology 210, Agricultural Bacteriology	5 hrs.
Education 235, Essentials of High School Teaching	3 hrs.
	18 hrs.

Second Semester	
Agriculture 208, Soil Physics and Fertility	5 hrs.
Agriculture 210, Animal Husbandry III (Feeds and Feeding)	3 hrs.
Agriculture 216, Vocational Education	3 hrs.
Agriculture 221, Farm Management and Accounting	3 hrs.
Education	2 hrs.
Elective	2 hrs.
	<b>18 hrs.</b>

SENIOR YEAR	
First Semester	
Agriculture 212, Animal Husbandry IV (Farm Meats)	3 hrs.
Agriculture 302a, Agriculture in Secondary Schools	3 hrs.
Biology 215, Plant Pathology	3 hrs.
Education 103, Directed Teaching in Agriculture	3 hrs.
Education	2 hrs.
Elective	2 hrs.
	<b>16 hrs.</b>

Second Semester	
Agriculture 214, Animal Husbandry V (Judging)	3 hrs.
Agriculture 220, Agricultural Economics	4 hrs.
Education 303, Directed Teaching in Agriculture	3 hrs.
Education	2 hrs.
Industrial Arts 201a, Farm Building Construction	3 hrs.
Industrial Arts 201b, Farm Equipment	3 hrs.
	<b>18 hrs.</b>

### HOME ECONOMICS CURRICULUM

Leading to the Bachelor of Science Degree and Provisional High School Certificate

FRESHMAN YEAR	
First Semester	
Chemistry 101, General Chemistry	5 hrs.
English 101a, Freshman English	3 hrs.
History (Elective)	3 hrs.
Home Economics 105, Textiles I	2 hrs.
Home Economics 103, Applied Design I	2 hrs.
Physical Education 100a, Freshman Physical Education	1½ hr.
	<b>15½ hrs.</b>
Second Semester	
Chemistry 101b, General Chemistry	5 hrs.
English 101, Freshman English	3 hrs.
Home Economics 101, Clothing I	3 hrs.
Home Economics 107, History of Design	2 hrs.
Sociology 101, Principles of Sociology	3 hrs.
Physical Education 150b, Sophomore Physical Education	1½ hr.
	<b>16½ hrs.</b>

SOPHOMORE YEAR	
First Semester	
Home Economics 100, Foods I	3 hrs.
Home Economics 109, Costume Design	2 hrs.
Home Economics 201, Clothing II	3 hrs.
Physics 102, Household Physics	5 hrs.
English 102b, Types of English Literature	3 hrs.
Physical Education 150a, Sophomore Physical Education	1½ hr.
	<b>16½ hrs.</b>
Second Semester	
Psychology 102	3 hrs.
Home Economics 102, Household Equipment	2 hrs.
Home Economics 200, Food Economics	2 hrs.
History (Elective)	3 hrs.
Home Economics 206, Foods II	3 hrs.
Home Economics 217, Children's Clothing	2 hrs.
Physical Education 150b	1½ hr.
Elective	2 hrs.
	<b>17½ hrs.</b>

### JUNIOR YEAR

First Semester	
Biology 230, Physiology	3 hrs.
Chemistry 202, Food Chemistry	5 hrs.
Economics 200, Elements of Economics	3 hrs.
Economics 304, Home Management	2 hrs.
Home Economics 235, Essentials of H. S. Teaching	3 hrs.
Education 235, Essentials of H. S. Teaching	2 hrs.
Home Economics 207, Textiles II	3 hrs.
	<b>18 hrs.</b>

Second Semester	
Biology 211, Household Bacteriology	5 hrs.
Home Economics 302, Dietetics	3 hrs.
Home Economics 303, House Design	3 hrs.
Home Economics 317, Organization of Vocational Home Economics	3 hrs.
Home Economics 317, Organization of Vocational Home Economics	3 hrs.
Secondary Education	2 hrs.
	<b>17 hrs.</b>

### SENIOR YEAR

First Semester	
Education 103, Directed Teaching	3 hrs.
English (Elective)	3 hrs.
Home Economics 300, Child Development	3 hrs.
Home Economics 306, Home Management House	3 hrs.
Home Economics 318, Methods of Teaching Vocational Home Economics	3 hrs.
	<b>15 hrs.</b>

Second Semester	
Education 303, Directed Teaching in Home Economics	3 hrs.
Home Economics 213, Applied Design II	2 hrs.
Home Economics 303, Clothing III	3 hrs.
Home Economics 308, Advanced Nutrition	3 hrs.
Home Economics 312, Family Relationships	2 hrs.
Elective	4 hrs.
	<b>17 hrs.</b>

<sup>1</sup> See requirements in Secondary Education in General Curriculum for Training of High School Teachers, page 82.

### FIVE-YEAR CURRICULUM FOR HIGH SCHOOL TEACHERS

Leading to the Master of Arts Degree and the Standard High School Certificate

This curriculum includes requirements in the General Four-Year Curriculum or one of the special curricula for the Training of High School Teachers, page 81, and, in addition thereto, requirements for the Master of Arts degree. See page 98, of this catalog for list of the departments in which graduate work is offered and an outline of the requirements for the Master of Arts degree.

### CURRICULUM FOR ADMINISTRATORS AND SUPERVISORS

Leading to the Bachelor's Degree and the Provisional Certificate in Administration and Supervision

This curriculum includes the requirements in a four-year curriculum for the training of either elementary or high school teachers, and the following courses in education:

a. Directed Teaching:	Sem. Hrs.
103 Directed Teaching	3
303 Directed Teaching	3

- b. Elementary Education:
- 102 Principles of Psychology, or  
107 Educational Psychology ..... 3
- Three hours to be selected from courses in Elementary Education on the approval of the head of the department.
- c. Secondary Education:
- Six hours representing at least two phases of Secondary Education selected from the following:
- 200 Survey of Secondary Education ..... 3  
231 Junior High Schools ..... 2  
235 Essentials of High School Teaching ..... 3  
241 Measurements in Secondary Schools ..... 2  
306 Psychology of Adolescence ..... 2  
309 Psychology of Secondary Subjects ..... 2  
330 Senior High Schools ..... 2  
332 Extra-Curricular Activities ..... 2  
336 Guidance in Secondary Schools ..... 2  
338 Problems in Secondary Education ..... 2
- d. Administration and Supervision:
- Six hours selected from the following courses:
- 250 Administration and Supervision in Small Systems ..... 3  
264 Supervision of Rural Schools ..... 3  
324 Problems of the County Superintendent ..... 3  
354 State School Administration ..... 3  
356 Fundamentals of School Administration ..... 3  
358 Accounting for Personnel ..... 3  
362 Supervision of Elementary School Subjects ..... 3  
366 Principles and Problems of Supervision ..... 3  
338 Problems in Secondary Education ..... 2

Note.—Persons desiring to complete an undergraduate major in Administration and Supervision in connection with either the Four-Year Curriculum for High School Teachers or the Four-Year Curriculum for Elementary Teachers should consult requirements on page 128.

#### FIVE-YEAR CURRICULUM FOR ADMINISTRATORS AND SUPERVISORS

Leading to the Master of Arts Degree and the Standard Certificate in Administration and Supervision

This curriculum includes the requirements in the Four-Year Curriculum for the Training of Administrators and Supervisors, page 87 and, in addition thereto, the requirements for the Master of Arts de-

gree, with a major in Administration and Supervision. See page 128 for list of the departments in which graduate work is offered, and an outline of requirements for the Master of Arts degree.

#### CURRICULUM LEADING TO ATTENDANCE OFFICER'S CERTIFICATE

Any curriculum leading to a teacher's certificate will qualify the applicant to receive an attendance officer's certificate, provided such curriculum includes Education 358, Pupil Accounting, three hours.

#### INDUSTRIAL ARTS CURRICULUM

Leading to the Bachelor of Science Degree and the Provisional High School Certificate

This curriculum includes all of the requirements in the General Curriculum for High School Teachers and, in addition thereto, a few special requirements regarded as necessary for the training of teachers of Industrial Arts.

#### FRESHMAN YEAR

First Semester	
Industrial Arts 102, Mechanical Drawing, or .....	3 hrs.
Industrial Arts 103, Bench Work .....	4 hrs.
English 101a, Freshman English .....	3 hrs.
Mathematics 102, College Algebra .....	4 hrs.
Physics 100a, General Physics .....	5 hrs.
Physical Education .....	½ hr.
	15½ — 16½ hrs.

Second Semester	
Industrial Arts 102, Mechanical Drawing, or .....	3 hrs.
Industrial Arts 103, Bench Work .....	4 hrs.
English 101b, Freshman English .....	3 hrs.
Mathematics 103, Trigonometry .....	3 hrs.
<sup>1</sup> Social Science (History, Government, Sociology, or Economics) .....	3 hrs.
Art 100, General Art, or .....	2 hrs.
Art 101, General Art Appreciation .....	3 hrs.
Physical Education .....	½ hr.
Industrial Arts 104, General Shop .....	2 hrs.
	16½ — 18½ hrs.

#### SOPHOMORE YEAR

First Semester	
Industrial Arts 105, Printing, or .....	3 hrs.
Industrial Arts 106, Woodturning .....	3 hrs.
Industrial Arts 108, Cabinet Construction, or .....	3 hrs.
Industrial Arts 110, Machine Woodwork .....	3 hrs.
English 102b, Types of English Literature .....	3 hrs.
<sup>2</sup> Science (Biology, Physics, Chemistry, or Geology) .....	5 hrs.
Psychology 102, Introduction to Psychology .....	3 hrs.
Physical Education .....	½ hr.
	17½ hrs.

Second Semester	
Industrial Arts 107, General Metal, or .....	2 hrs.
Industrial Arts 111, School Equipment .....	3 hrs.
Industrial Arts 204, Advanced Mechanical Drawing .....	3 hrs.
<sup>1</sup> Social Science (History, Government, Sociology, or Economics) .....	3 hrs.
Art (Sketching) .....	3 hrs.
Physical Education .....	½ hr.
Psychology and/or elective .....	4 hrs.
	15½ — 16½ hrs.

## JUNIOR YEAR

First Semester		
Industrial Arts 200, House Planning and Construction	3	hrs.
Industrial Arts 203, Teaching Shop Subjects	4	hrs.
English 105, Public Speaking	3	hrs.
Economics 200, Elements of Economics	3	hrs.
Education 235, Essentials of High School Teaching	3	hrs.
Physical Education	1/2	hr.
	<hr/>	
	16 1/2	hrs.

Second Semester		
Industrial Arts 304, History of Industrial Arts	2	hrs.
Industrial Arts 301, Architectural Drawing	3	hrs.
Industrial Arts 201b, Farm Equipment, or		
Industrial Arts 205, Printing	3	hrs.
English 204a, Journalism	2	hrs.
Mathematics, Geometry, or		
Mathematics, Surveying	3	hrs.
<sup>2</sup> Secondary Education (Elective)	2	hrs.
Physical Education	1/2	hr.
Elective	2	hrs.
	<hr/>	
	17 1/2	hrs.

## SENIOR YEAR

First Semester		
Industrial Arts 202, Furniture Design, or		
Industrial Arts 201a, Farm Buildings	3	hrs.
Economics 201, Applied Economics	3	hrs.
<sup>2</sup> Science (Biology, Physics, Chemistry, or Geology)	5	hrs.
Education 103, Directed Teaching	3	hrs.
<sup>3</sup> Secondary Education (Elective)	2	hrs.
Physical Education	1/2	hr.
	<hr/>	
	16 1/2	hrs.

Second Semester		
Industrial Arts 302, Machine Woodwork, or		
Industrial Arts 305, Printing	3	hrs.
Industrial Arts 303, Organization	3	hrs.
Education 303, Directed Teaching in Industrial Arts	3	hrs.
Physical Education	1/2	hr.
Agricultural Education 216, Vocational Education	2	hrs.
<sup>3</sup> Secondary Education	2	hrs.
Elective	2	hrs.
	<hr/>	
	15 1/2	hrs.

<sup>1</sup> At least six of the twelve hours in Social Science must be earned in one field.

<sup>2</sup> Ten of the twelve hours required in Science must be earned in courses carrying a credit of five hours each.

<sup>3</sup> See page 82 for list of courses in secondary education from which electives in this subject must be selected.

## PUBLIC SCHOOL MUSIC CURRICULUM

Leading to the Bachelor of Arts Degree and the Provisional High School Certificate

This curriculum includes all of the requirements in the General Curriculum for the Training of High School Teachers and, in addition thereto, a few special requirements necessary for the training of teachers and supervisors of music.

This curriculum provides for a major in Public School Music, and a minor in Applied Music.

## FRESHMAN YEAR

First Semester		
English 101a, Freshman English	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics	3	hrs.
Music 103, Harmony	3	hrs.
Applied Music	1	hr.
Physical Education 100, Hygiene and Sanitation, or Elective	2-3	hrs.
Physical Education 100a, Freshman Physical Education	1/2	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics)	3	hrs.
	<hr/>	
	16 1/2	hrs.

Second Semester		
English 101b, Freshman English	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics	3	hrs.
Music 101, Music Methods and Materials for Primary Grades	2	hrs.
Music 104, Harmony	3	hrs.
Music 106, Sight Singing and Dictation	2	hrs.
Applied Music	1	hr.
Physical Education 100b, Freshman Physical Education	1/2	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics)	3	hrs.
	<hr/>	
	17 1/2	hrs.

## SOPHOMORE YEAR

First Semester		
English 102b, Types of English Literature	3	hrs.
<sup>1</sup> Foreign Language, or Elective	3	hrs.
Music 107, Sight Singing and Dictation	2	hrs.
Music 213, Harmony	3	hrs.
Physical Education 150a, Sophomore Physical Education	1/2	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics)	3	hrs.
Science	2	hrs.
	<hr/>	
	16 1/2	hrs.

Second Semester		
English 104, American Literature, or 102a, Types of English Literature, or 105, Fundamentals of Speech, 209, Teaching Language in the Grades, or 203a, Beginning Play Production	3	hrs.
<sup>1</sup> Foreign Language, or Elective	3	hrs.
Music 102, Intermediate Methods	2	hrs.
Music (Elective)	2	hrs.
Physical Education 150b, Sophomore Physical Education	1/2	hr.
Psychology 102, Introduction to Psychology	3	hrs.
Social Science (History, Government, Sociology, or Economics)	3	hrs.
	<hr/>	
	16 1/2	hrs.

## JUNIOR YEAR

First Semester		
Education 235, Essentials of High School Teaching	3	hrs.
Music 210, Sight Singing and Dictation	2	hrs.
Music 300, Supervision of Music in Grades	3	hrs.
Music 311a, Function and Technology of Orchestral Instruments	2	hrs.
Science (Biology, Physics, Chemistry, or Geology)	5	hrs.
<sup>2</sup> Secondary Education	2	hrs.
	<hr/>	
	17	hrs.

Second Semester		
<sup>2</sup> Secondary Education (Elective)	2	hrs.
Music 204, Music Appreciation	3	hrs.
Music 301, Methods of Teaching Music in High School	3	hrs.
Music 311b, Methods of Organizing and Conducting Glee Clubs, Bands, and Orchestras	3	hrs.
Science (Biology, Physics, Chemistry, or Geology)	5	hrs.
	<hr/>	
	16	hrs.

## SENIOR YEAR

First Semester		
Education 103, Directed Teaching	3	hrs.
<sup>2</sup> Secondary Education (Elective)	2	hrs.
Music 307, Counterpoint	2	hrs.
Music 312a, Orchestration and Composition	3	hrs.
Music 317, Class Piano Methods	2	hrs.
Music (Elective)	3	hrs.
	<hr/>	
	15	hrs.

## Second Semester

Education 303, Directed Teaching .....	3	hrs.
Music 315, Song Literature and Appreciation .....	2	hrs.
Music 305, History of Music .....	3	hrs.
Applied Music .....	1	hr.
<sup>4</sup> Elective .....	6	hrs.
	<hr/>	
	15	hrs.

<sup>1</sup> See page 82 for interpretation of requirements in Mathematics and Foreign Language.

<sup>2</sup> At least six of the twelve hours in Social Science must be earned in one field.

<sup>3</sup> See page 82 for list of courses in Secondary Education from which electives must be taken.

<sup>4</sup> Students completing this curriculum must use electives in partial fulfillment of the requirements for an academic minor of not less than eighteen hours.

Note.—Majors in Public School Music who are interested in securing the Provisional Certificate in Administration and Supervision should consult requirements, on page 87 of this catalog.

## APPLIED MUSIC CURRICULUM

## Leading to the Bachelor of Arts Degree and the Provisional High School Certificate

This curriculum includes all of the requirements in the General Curriculum for the Training of High School Teachers and, in addition thereto, a few special requirements necessary for the training of teachers and supervisors of music.

This curriculum provides for a major in Applied Music, and a minor in Public School Music.

## FRESHMAN YEAR

## First Semester

English 101a, Freshman English .....	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics .....	3	hrs.
Music 100, Theory of Music (Public School) .....	2	hrs.
Music 106, Sight Singing and Dictation .....	3	hrs.
Music 150, Applied Music (Major Instrument) .....	2	hrs.
Physical Education 100a, Freshman Physical Education .....	$\frac{1}{2}$	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics) .....	3	hrs.
	<hr/>	
	16 $\frac{1}{2}$	hrs.

## Second Semester

English 101b, Freshman English .....	3	hrs.
<sup>1</sup> Foreign Language, or Mathematics .....	3	hrs.
Music 103, Harmony .....	3	hrs.
Music 151, Applied Music (Major Instrument) .....	1	hr.
Music (Elective) .....	3	hrs.
Physical Education 100b, Freshman Physical Education .....	$\frac{1}{2}$	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics) .....	3	hrs.
	<hr/>	
	16 $\frac{1}{2}$	hrs.

## SOPHOMORE YEAR

## First Semester

English 102b, Types of English Literature .....	3	hrs.
<sup>1</sup> Foreign Language, or Elective .....	3	hrs.
Music 104, Harmony .....	3	hrs.
Music 152, Applied Music (Major Instrument) .....	1	hr.
Music (Elective) .....	3	hrs.
Physical Education 150a, Sophomore Physical Education .....	$\frac{1}{2}$	hr.
<sup>2</sup> Social Science (History, Government, Sociology, or Economics) .....	3	hrs.
	<hr/>	
	16 $\frac{1}{2}$	hrs.

## Second Semester

English 104, American Literature, or 102a, Types of English Literature, or 105, Fundamentals of Speech, or 209, Teaching Language in the Grades, or 203a, Beginning Play Production .....	3	hrs.
Foreign Language, or Elective .....	3	hrs.
<sup>1</sup> Foreign Language, or Elective .....	1	hr.
Music 153, Applied Music (Major Instrument) .....	3	hrs.
Music 213, Harmony .....	3	hrs.
Physical Education 150a, Sophomore Physical Education .....	$\frac{1}{2}$	hr.
Psychology 102, Introduction to Psychology .....	3	hrs.
Social Science (History, Government, Sociology, or Economics) .....	3	hrs.
	<hr/>	
	16 $\frac{1}{2}$	hrs.

## JUNIOR YEAR

## First Semester

Education 235, Essentials of High School Teaching .....	3	hrs.
Music 250, Applied Music (Major Instrument) .....	1	hr.
Music 222, Applied Music (Woodwind) .....	1	hr.
Music 311a, Functions and Technology of Instruments .....	2	hrs.
Applied Music (Elective) .....	1	hr.
Science (Biology, Physics, Chemistry, or Geology) .....	5	hrs.
Science .....	2	hrs.
	<hr/>	
	16	hrs.

## Second Semester

Music 251, Applied Music (Major Instrument) .....	1	hr.
Music 223, Applied Music (Brass) .....	1	hr.
Music 210, Sight Singing and Dictation .....	2	hrs.
Music 307, Counterpoint .....	2	hrs.
Music (Elective) .....	1	hr.
Science (Biology, Physics, Chemistry, or Geology) .....	5	hrs.
<sup>2</sup> Secondary Education .....	4	hrs.
	<hr/>	
	16	hrs.

## SENIOR YEAR

## First Semester

Education 103, Directed Teaching .....	3	hrs.
Music 204, Music Appreciation .....	3	hrs.
Music 224, Applied Music (Percussion) .....	1	hr.
Music 312a, Orchestration and Composition .....	2	hrs.
Music 350, Applied Music (Major Instrument) .....	2	hrs.
Psychology 306, Psychology of Adolescence .....	2	hrs.
<sup>4</sup> Elective .....	3	hrs.
	<hr/>	
	16	hrs.

## Second Semester

Education 303, Directed Teaching .....	3	hrs.
Music 225, Applied Music (String) .....	1	hr.
Music 305, History of Music .....	3	hrs.
Music 311b, Methods of Organizing and Conducting Glee Clubs, Band, and Orchestra .....	3	hrs.
Music 351, Applied Music (Major Instrument) .....	2	hrs.
Music 313, Instrumental Form and Analysis .....	2	hrs.
	<hr/>	
	14	hrs.

<sup>1</sup> See page 82 for interpretation of requirements in Mathematics and Foreign Language.

<sup>2</sup> At least six of the twelve hours in Social Science must be earned in one field.

<sup>3</sup> See page 82 for list of courses in Secondary Education from which electives must be taken.

<sup>4</sup> Students completing this curriculum must use electives in partial fulfillment of the requirements for an academic minor of not less than eighteen hours.

Note.—Majors in Applied Music who are interested in securing the Provisional Certificate in Administration and Supervision should consult requirements on page 87 of this catalog.



## ARTS AND SCIENCE CURRICULUM

Leading to the Baccalaureate Degree without Privilege of Certification

## PURPOSE

The Arts and Science Curriculum has been organized for the purpose of providing college training for those persons who do not desire to enter the teaching profession. It is designed to provide opportunity for contacts with a variety of fields of knowledge considered necessary for general culture, and also to give an opportunity for special study in the field of the student's major interest.

Students desiring a general college training, and also those wanting to complete pre-professional requirements for entrance into technical and professional schools will find this curriculum adapted to their individual needs.

The completion of this curriculum does not carry with it the privilege of certification to teach in the public schools of the state.

## DEGREES

On the successful completion of the Arts and Science Curriculum, a student may receive the Bachelor of Arts or the Bachelor of Science degree, according to his field of specialization. The Bachelor of Arts degree will be granted to students who complete this curriculum with a major in one of the following departments:

Art	History and Government
English	Latin
Economics and Sociology	Mathematics
French	Music

The Bachelor of Science degree will be conferred upon candidates who complete this curriculum with a major in any of the following departments:

Agriculture	Industrial Arts
Biology	Home Economics
Chemistry	Physics
Geography	Physical Education

*Course Requirements for the Baccalaureate Degree*

(Arts and Science Curriculum)

English .....	12 Sem. Hrs.
Eng. 101a, Freshman English .....	3 hrs.
Eng. 101b, Freshman English .....	3 hrs.
Eng. 102, Types of English Literature .....	3 hrs.
Elective .....	3 hrs.

Foreign Language (Latin, French or German) .....	6-12 Sem. Hrs.
Mathematics .....	7 Sem. Hrs.
Math. 102, College Algebra .....	4 hrs.
Math. 103, Trigonometry .....	3 hrs.
Health and Physical Education .....	2 Sem. Hrs.
Social Science .....	12 Sem. Hrs.
Hist. 102, Europe, 1700-1870 .....	3 hrs.
Hist. 100, American History, 1789-1876 .....	3 hrs.
Elective (History, Government, Economics, Sociology, and Human Geography) .....	6 hrs.

Note.—The six hours of elective work must be taken in one department.

Science .....	12 Sem. Hrs.
Elective (Chemistry, Physics, Biology, or Science Geography)	

Note.—Ten of the twelve hours must be composed of two five-hour courses in one or more departments.

Major .....	24 Sem. Hrs.
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A major of not less than twenty-four nor more than thirty-four semester hours in one department of study, at least one-half of which are of senior college rank, is required. The major must be chosen by the end of the sophomore year and recorded with the Registrar. See page 94 for list of fields open to majors.

First Minor .....	18 Sem. Hrs.
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A minor of at least eighteen semester hours in a department of study different from the major must be chosen with the consent of the heads of the departments concerned. At least six hours must be of senior college rank. See page 94 for fields in which first minors are available.

Total departmental requirements .....	51-57
*Electives .....	67-61

\*A maximum of 10 Sem. Hrs. of elective credit may be earned in the History and Philosophy of Education, and Psychology.

Note 1.—Unless otherwise specified in the course descriptions, required courses will count toward satisfying major, minor, and general institutional requirements.

Note 2.—Not more than a total of eight semester hours of credit will be allowed for physical education, military science, music, and drawing in fulfillment of requirements for the Bachelor's degree, except in case of students majoring or minoring in the departments named.

Note 3.—The requirements as regards residence, scholarship, and senior college credit are identical with those of all other four-year

curricula offered by the institution. Students taking the Arts and Science Curriculum will be expected to follow in detail the outline given below.

## FRESHMAN YEAR

First Semester	
English 101a, Freshman English .....	3 hrs.
<sup>1</sup> Foreign Language (French, German, or Latin) .....	3 hrs.
History 102, Europe 1700-1879 .....	3 hrs.
Major Subject, or Elective .....	3 hrs.
Mathematics 102, College Algebra .....	4 hrs.
Physical Education 100a, Freshman Physical Education .....	½ hr.
	16½ hrs.

Second Semester	
English 101b, Freshman English .....	3 hrs.
<sup>1</sup> Foreign Language (French, German, or Latin) .....	3 hrs.
History 100, American History, 1789-1876 .....	3 hrs.
Major Subject, or Elective .....	4 hrs.
Mathematics 103, Trigonometry .....	3 hrs.
Physical Education 100b, Freshman Physical Education .....	½ hr.
	16½ hrs.

## SOPHOMORE YEAR

First Semester	
English 102b, Types of English Literature .....	3 hrs.
<sup>1</sup> Foreign Language (French, German, or Latin, or Elective) .....	3 hrs.
Major Subject, or Elective .....	2 hrs.
Physical Education 150a, Sophomore Physical Education .....	½ hr.
Social Science (History, Government, Economics, Sociology, Human Geography) .....	3 hrs.
Science (Biology, Chemistry, Physics, or Geology) .....	5 hrs.
	16½ hrs.

Second Semester	
English 104, American Literature, or 102a, Types of English Literature, or 105, Fundamentals of Speech, or 203a, Beginning Play Production .....	3 hrs.
<sup>1</sup> Foreign Language (French, German, or Latin, or Elective) .....	3 hrs.
Major Subject, or Elective .....	2 hrs.
Physical Education 150b, Sophomore Physical Education .....	½ hr.
Science (Biology, Chemistry, Physics, or Geology) .....	5 hrs.
Social Science (History, Government, Economics, Sociology, Human Geography) .....	3 hrs.
	16½ hrs.

## JUNIOR YEAR

First Semester	
Major Subject .....	3 hrs.
Minor Subject .....	3 hrs.
Science (Elective) .....	2 hrs.
<sup>2</sup> Elective .....	8 hrs.
	16 hrs.

Second Semester	
Major Subject .....	6 hrs.
Minor Subject .....	3 hrs.
<sup>2</sup> Elective .....	7 hrs.
	16 hrs.

## SENIOR YEAR

First Semester	
Major Subject .....	6 hrs.
Minor Subject .....	6 hrs.
<sup>2</sup> Elective .....	3 hrs.
	15 hrs.

Second Semester	
Major Subject .....	3-6 hrs.
Minor Subject .....	6 hrs.
<sup>2</sup> Elective .....	3-6 hrs.
	15 hrs.

<sup>1</sup> See page 82 for interpretation of requirements in Foreign Language.  
<sup>2</sup> A maximum of 10 Sem. Hrs. of elective credit may be earned in the History and Philosophy of Education, and Psychology.

## GRADUATE SCHOOL

## PURPOSE AND SCOPE

The Western Kentucky State Teachers College exists for the purpose of training teachers and administrators for the schools of the Commonwealth. The college recognizes as its duty and accepts as its function the training of its students to become teachers in every type of school at present supported by the state. It also accepts the responsibility of training supervisors for rural schools, supervisors of special subjects, principals, and superintendents.

From its beginning, the institution has striven through high standards of scholarship, a large number of well-organized courses of study, a superior teaching staff, and splendid physical facilities to provide the very best opportunities for young men and women of Kentucky to achieve their educational objectives. The institution has at all times been alive to the changing needs of our public school system and has endeavored to meet the legitimate demands of the public by keeping its educational program abreast of the times.

It was in keeping with its policy of progress and in response to a felt need and growing demand for graduate work in its service area, that the Board of Regents of the institution and the Normal Executive Council of the state authorized, in the spring of 1931, a course of study leading to the Master of Arts degree.

In the Graduate School program of the Western Teachers College, the principal emphasis is being placed upon the training of principals, supervisors, and superintendents for the schools of Kentucky. Opportunities are also provided in a few departments for the training of high-school teachers who desire to give themselves a more thorough and extensive preparation in their respective fields of study. Briefly stated, the primary objectives of the Graduate School are as follows:

1. To meet the demands for the training of principals, supervisors, superintendents, and teachers on the graduate level.
2. To make, through well-organized and effective research, defi-

nite contributions toward the solution of teaching and administrative problems in the schools of the state.

3. To strengthen and improve the undergraduate program of the college by providing materials and procedures regarded as highly valuable in an efficient program of undergraduate instruction.

#### DEPARTMENTS IN WHICH GRADUATE WORK IS AVAILABLE:

- a. Major.—Education, English, History and Government, Biology, Mathematics, Music.
- b. Minor.—Education, English, History and Government, Biology, Mathematics, Chemistry, Economics and Sociology, Latin, Music.

#### ADMISSION TO THE GRADUATE SCHOOL

1. Application for admission shall be made to the Registrar of the college. Special blanks for this purpose will be furnished by his office.

2. Requirements for admission:

- a. Applicants for admission to the Graduate School must hold the baccalaureate degree from the Western Kentucky Teachers College or some other standard, four-year, fully-accredited institution.

- b. Official transcripts of high-school and undergraduate college or university work must be filed with the Registrar. If possible, these should be presented at least four weeks before registration. No student will be admitted to the Graduate School until all of his credits have been presented, approved by the Graduate Committee, and filed in the Registrar's Office.

- c. Undergraduates in the Western State Teachers College who lack not more than five hours of meeting the requirements for the Bachelor of Arts or Bachelor of Science degree may be admitted to the Graduate School in the regular year but not in the summer session, provided a total load of not more than fifteen hours is carried.

- d. Excess undergraduate work taken in the Western State Teachers College may not be applied toward the Master of Arts degree, unless the student files with the Registrar prior

to the time the work is done a statement from the Chairman of the Graduate Committee granting him this privilege.

- e. The first semester or summer quarter in the Graduate School will be considered a test of the student's ability to do satisfactory graduate work. Any student whose academic record or personal qualifications at the end of the time mentioned are unsatisfactory will not be admitted to candidacy for the degree.

*Admission to the Graduate School does not guarantee or imply official admission to candidacy for the Master of Arts degree.*

#### REGISTRATION AND FEES

Graduate students are registered on the regular registration days of the college. The enrollment fee is twenty-five dollars for each semester of eighteen weeks, and ten dollars for each summer term of six weeks. The graduation fee is ten dollars.

#### ADMISSION TO CANDIDACY FOR THE MASTER'S DEGREE

Not later than the sixteenth week of the student's first semester, or the tenth week of his first quarter, application for admission to candidacy for the Master of Arts degree should be made to the Registrar of the college. Formal blanks for this purpose may be obtained from his office.

As soon as possible after grades for the first semester or summer quarter are reported to the Registrar's Office and the application is filled out in satisfactory form, the student will be considered for admission to candidacy by the Graduate Committee.

Before being admitted to candidacy for the Master of Arts degree, the student must meet the following requirements:

- a. The average of his first semester's or quarter's grades must be "B" or above, with no grade below "C."

- b. The student must have demonstrated his ability to do high-grade work in his major field, and must have shown that he possesses superior ability to do research.

- c. He must have shown that he has proficiency in organizing and expressing thought in writing.

d. He must possess satisfactory personal and professional fitness to become a candidate.

e. The heads of the departments in which a student has selected his major and minor subjects must have filed with the Dean of the college a statement endorsing the student for admission to candidacy and giving the subject of his thesis. The statement must be accompanied by an outline of all undergraduate work completed by the applicant in his major and minor fields and a list of all graduate courses to be offered toward fulfillment of requirements for the Master of Arts degree. Blanks for this purpose are available at the Registrar's office.

f. An application may be required to pass either a written or oral preliminary examination before he is admitted to candidacy.

#### REQUIREMENTS FOR THE MASTER OF ARTS DEGREE

1. *Majors and Minors.* Candidates for the Master of Arts degree must select a major and at least one unrelated minor in departments offering graduate work. Two minors are recommended. See Page 98 for a list of departments in which majors and minors are available.

In addition to the special requirements that may be imposed, an undergraduate major of not less than twenty-four semester hours is required as a prerequisite to a graduate major, and an undergraduate minor of not less than eighteen semester hours is made the basis for a graduate minor. A minimum of forty semester hours of undergraduate and graduate credit is required for a major in any graduate department.

2. *Credits.* Beyond the four-year undergraduate course, candidates for the Master of Arts degree must earn at least twenty-eight semester hours (including thesis, four hours) in graduate courses. Sixteen of the twenty-eight hours must be in the major field; the other twelve hours should be divided equally between two minors selected from other fields of study. In case the candidate's undergraduate work is deficient, he may be required to earn two-thirds of the total credits required for the degree in the field of his major interest, in which instance only one minor would be required. This arrangement must be recom-

mended by the heads of the departments concerned, and must have the sanction of the Graduate Committee.

At least one-half of the hours required for the Master's degree must be earned in courses open only to graduate students. The remainder of the credits may be made in certain courses numbered 300 and above. *No graduate credit will be given for courses numbered below 300.*

Graduate students may not enroll for more than fifteen hours of work in a semester, or five hours in a six-weeks summer term, including research work on thesis.

Credit for graduate work done at another acceptable graduate school may be offered in amount not to exceed four semester hours in partial fulfillment of the course requirements for the Master's degree. The acceptance of such credits will reduce the schedule of the student, but in no instance will it lower the residence requirement of thirty-six weeks.

The Master of Arts degree will be conferred on no candidate with an average standing of less than "B" in both his major and minor subjects. No credit for work with "D" grades will be granted.

No graduate credit will be allowed for excess undergraduate work, except when the student is regularly enrolled in the Graduate School.

No correspondence or extension credit may be submitted toward fulfillment of requirements for the Master of Arts degree.

3. *Residence.* No candidate will be eligible for the Master of Arts degree who has been registered in the institution as a regular graduate student for a period of less than thirty-six weeks. This residence requirement may be fulfilled by any combination of regular or summer school terms which total the required number of weeks. This does not mean that requirements for the degree can always be completed in the minimum length of time. On account of insufficient preparation, or other reasons, a longer period of residence may be necessary. Part-time work during a regular semester or term may be evaluated on the basis of the number of hours completed, but at least ten hours in a semester and four hours in a summer term of six

weeks exclusive of seminar or research, must be carried to entitle the student to full residence credit.

Under no circumstances will the transfer of acceptable graduate credits from other institutions reduce the regular residence requirements of thirty-six weeks.

4. *Thesis.* Research culminating in the writing of a satisfactory thesis upon some problem approved by the major professor, the head of the department, and the Graduate Committee shall form a part of the work required for the degree. This thesis is regarded as a test of the candidate's ability to do original investigative work and to present the results in clear, accurate, and logical form. Not more than four semester hours of credit may be granted for this research.

Every graduate student must register for research in his major field during the minimum residence period of thirty-six weeks.

When the subject of the thesis has been decided upon, the head of the department in which the student is doing his major work shall notify the Chairman of the Graduate Committee in writing, giving the name of the student and the subject of the investigation. This should be done not later than the beginning of the second eighteen weeks of the student's residence in the institution.

During the preparation of the thesis, the heads of the departments concerned, together with the major and minor professors, shall constitute a Thesis Advisory Committee for the student.

At least four weeks before the date upon which the degree is to be conferred, the complete thesis shall be submitted for criticism by the Thesis Advisory Committee.

At least two weeks before the date on which the degree is to be conferred, the thesis in final form must be submitted for approval by the members of the Advisory Committee and the Chairman of the Graduate Committee. Two copies of the thesis must be filed with the Chairman of the Graduate Committee.

On consent of the head of the department and the major professor, a student may be permitted to work on his thesis in absentia without credit.

The thesis must conform to certain definite mechanical standards set up by the committee.

5. *Examinations.* Candidates for the Master of Arts degree must meet all requirements as to examinations in the classes in which they are enrolled. In addition to the class examinations, the candidate must pass a final examination covering the thesis and his major and minor fields of study. This examination may be either oral or written, and shall be in the hands of an examining committee composed of the Chairman of the Graduate Committee, the head of the major department, the major and minor professors, and any other persons selected by the Chairman. The final examination must all be taken at one time, and must be preceded by the approval of the candidate's thesis by the Advisory Committee.

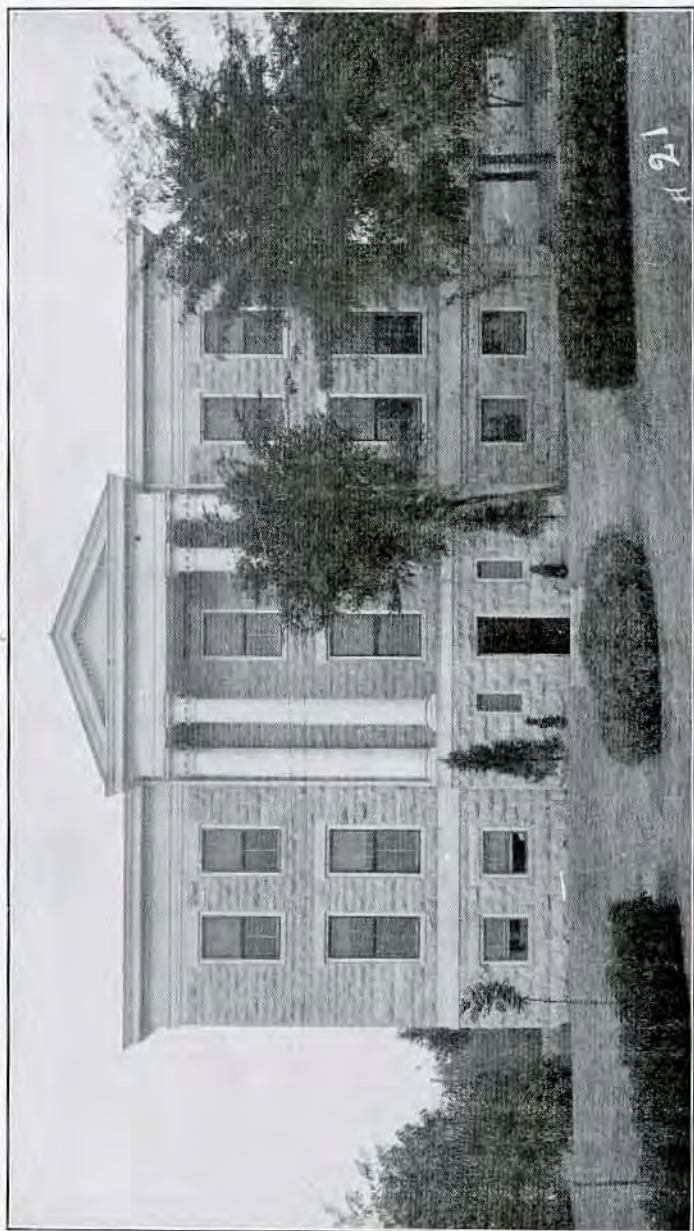
The Master of Arts degree shall be granted only upon the recommendation of the Examining Committee and by vote of the Graduate Committee, and shall be conferred only at the regular commencements of the institution.





VIEW OF ITALIAN GARDEN

PART IV  
DEPARTMENTS AND COURSES



HOME ECONOMICS BUILDING

## DEPARTMENTS AND COURSES

### EXPLANATION OF COURSE NUMBERS

Courses numbered from 100 to 199 are open to freshmen and sophomores; courses numbered from 200 to 299 are open to juniors and seniors. Courses numbered 200 and above are not open to freshmen or sophomores, except that advanced sophomores may be admitted to courses numbered 200 to 299, inclusive, on the basis of a written statement from the head of a department indicating that the student has been accepted as a major in the department concerned, and has the other prerequisites for the course in question. Courses numbered 300 to 399 are open to juniors and seniors and, under certain conditions, may be taken for credit by graduate students. Courses numbered 400 and above are open to graduate students only. *Seniors with 96 hours of credit may not take for credit required courses with numbers below 200.*

### ART

*Mr. Wilson*

*Miss Martin*

Students majoring in art are required to complete a minimum of twenty-nine semester hours in this subject. Seventeen of these hours must be earned in prescribed courses, and twelve hours may be elected from courses approved by the department.

#### REQUIRED COURSES:

	Hrs.		Hrs.
100 General Art	2	201 Drawing and Design	3
101 General Art (Appreciation)	3	203 Drawing and Composition	3
200 Drawing and Design	3	204 Drawing and Composition	3

#### ELECTIVE COURSES:

102 Art Education in the Elementary School	3	301 Drawing and Painting	3
202 Poster Design	3	302 Problems in Art Education	3
300 Light and Shade	3	304 Printing	3

Students minoring in art are required to have a minimum of eighteen semester hours, ten of which may be completed in approved electives.

#### REQUIRED COURSES:

	Hrs.		Hrs.
100 General Art	2	200 Drawing and Design	3
101 General Art (Appreciation)	3		

## ELECTIVE COURSES:

102	Art Education in the Elementary Schools	3	204	Drawing and Composi- tion	3
201	Drawing and Design	3	300	Light and Shade	3
202	Poster Design	3	302	Problems in Art Edu- cation	3
303	Drawing and Composi- tion	3			

## COURSE DESCRIPTIONS

100. GENERAL ART (Public School). Two hours. Each semester  
An introductory course planned to give the person having had little or no art training an opportunity to develop an appreciation of art quality through creative experiences in drawing, design, color, lettering, and bookbinding as applied to everyday needs.
101. GENERAL ART (Appreciation). Three hours. Each semester.  
A brief survey of architecture, sculpture, painting, and the minor arts representative of the present and the past, with emphasis on the interpretation of design principles underlying all works of art.
102. ART EDUCATION IN THE ELEMENTARY SCHOOL. Three hours. Each semester.  
*Prerequisite:* Art 100.  
Training in the theory and practice of art education in the elementary school through participation in group activities based upon children's interests and activities.
200. DRAWING AND DESIGN. Three hours. First semester and summer term.  
*Prerequisite:* Art 100.  
Problems providing opportunity to develop skill in representation and design through the use of pencil, pen and ink, tempera, and linoleum block printing.
201. DRAWING AND DESIGN. Three hours. Second semester.  
*Prerequisites:* Art 100 and 200.  
A study of design principles in relation to materials and processes through simple problems in tying and dyeing, batik, stenciling, woodblock printing, gesso, and leather tooling.

202. POSTER DESIGN. Three hours. First semester and summer session.  
*Prerequisite:* Art 100 or equivalent.  
This course is designed to lead the student to a knowledge of good poster design through experience in the use of design principles, color, and lettering. Mediums are tempera, ink and colored papers.
203. DRAWING AND COMPOSITION. Three hours. First semester.  
*Prerequisites:* Art 100, 200.  
This course deals with the analysis and construction of form, emphasizing composition and quality of line. Renderings are in pencil, pen and ink, charcoal and water colors.
204. DRAWING AND COMPOSITION. Three hours. Second semester.  
*Prerequisites:* Art 100, 200, 203.  
This is a continuation of the course above. Much time is given to the organization of pictorial subject matter; design as applied to landscape and figure material.
300. LIGHT AND SHADE. Three hours. Second semester. Not offered 1933-34.  
*Prerequisites:* Art 100, 200, 203, 204.  
This is a study of light and shade, composition and perspective. Special attention to charcoal as a value medium.
301. DRAWING AND PAINTING. Three hours. First semester and summer term.  
*Prerequisites:* Art 100, 200, 203, 204, 300.  
Drawing in various mediums from original still life arrangements. Shading, gradation, value, textures, and tone modeling are emphasized.
302. PROBLEMS IN ART EDUCATION. Three hours. Second semester.  
*Prerequisites:* Art 100, 101, 102, 200.  
A survey of the present tendencies in art education in the elementary school, involving the selection, evaluation, and organization of subject matter and equipment.



304. PAINTING. Three hours. On demand.  
*Prerequisites:* Art 100, 200, 203, 204, 300, 301.  
 This course offers opportunity for the student to develop technical command of oils or water colors.

## BIOLOGY AND AGRICULTURE

Mr. Ford	Mr. Lancaster	Mr. Taylor
Mr. Cole	Mr. Loudermilk	Mr. Whitmer
Mr. Edens	Mr. Stephens	Mr. Youmans

The biological and agricultural sciences are offered through the Ogden Department of Science. (See page 41 this catalog.)

## DIVISION OF BIOLOGY

Mr. Ford	Mr. Stephens
Mr. Lancaster	Mr. Whitmer

The courses offered in the biological sciences are arranged to meet the needs of those desiring to teach these sciences; for preparation for rural science studies; and for pre-medical training in biology.

The following courses are required of major students: Biology 200, 210 or 211, 220; Chemistry 100a or 100b; Physics 100 or 101. A total credit in biology of at least twenty-four semester hours, exclusive of Biology 100 and 101, is required of all majors. Biology 200 and 220 are required of minors.

Courses numbered 300 to 399 are open only to senior and graduate students. Courses numbered 400 and above are open only to graduate students.

## COURSE DESCRIPTIONS

100. HYGIENE AND SANITATION. Two hours. Each semester and summer session.  
 A study of the essential facts relating to health and disease. A study is made of the anatomy and physiology of the respiratory and digestive systems to provide a basis for an understanding of the laws of health relating to these systems. Does not allow credit toward the science requirement for departmental majors or minors, nor for the degree.

101. NATURE STUDY. Two hours. Spring term and summer session.

A non-technical study of the life histories, habits, and identification of plants and animals common to this section. This course is designed especially for grade teachers and for those who desire a greater familiarity with general natural history. Lectures and field work in the form of carefully designed and supervised projects. Does not allow credit toward the science requirement for departmental majors and minors, nor the degree.

- 102a. ORNITHOLOGY. Two hours. Summer session.

A study of birds, including identification, classification, migration, and general habits. Special emphasis is placed on the study of the species common to the state. The laboratory work consists of trips into the fields and woods in the territory surrounding the school. The field work is supplemented by charts, slides, and mounted specimens.

105. GENERAL BIOLOGY. Five hours. Each semester and summer session.

A study of life forms representative of the different divisions of the plant and animal kingdoms, with special reference to functional relations. Lecture three hours and laboratory four hours each week.

200. BOTANY 1. Five hours. Each semester and summer session.

A study of the morphology, physiology, and classification of plants, with emphasis on economic forms. Lecture three hours and laboratory four hours each week.

202. BOTANY 2s. One hour. Summer session.

*Prerequisites:* None.

A study of forest trees and shrubs in field and laboratory; field excursions.

210. AGRICULTURAL BACTERIOLOGY. Five hours. Each semester and summer session.

*Prerequisites:* Biology 200 or 220, and Chemistry 100.

A general survey of bacteriology, embracing the relation of

micro-organisms to soil fertility, animal diseases, and to food. Lecture three hours and laboratory four hours each week.

211. HOUSEHOLD BACTERIOLOGY. Five hours. Each semester and summer session.

*Prerequisite:* Chemistry 100.

A general course in the morphology, classification, and culture of bacteria in their relation to the home and school. Special emphasis is placed on the study of micro-organisms in their relation to health. Lecture three hours and laboratory four hours each week.

215. PLANT PATHOLOGY. Three hours. Second semester and summer session.

*Prerequisite:* Biology 200.

A study of plant diseases and methods of control. Lecture two hours and laboratory two hours each week.

220. GENERAL ZOOLOGY. Five hours. Each semester and summer session.

A study of the structure, physiology, and development of typical representatives of the common phyla of animals, together with the consideration of important biological laws and principles. Lecture three hours and laboratory four hours each week.

221. COMPARATIVE VERTEBRATE ANATOMY. Four hours. First semester.

*Prerequisite:* Biology 220.

A study of the embryology, histogenesis, and organology of the lower vertebrate group, and a comparative study of the various organ systems. Laboratory consists of a comparative anatomical study of the shark, frog, and turtle. Lecture two hours and laboratory four hours each week.

222. COMPARATIVE VERTEBRATE ANATOMY. Four hours. Second semester.

*Prerequisite:* Biology 220.

A study of the embryology, histogenesis, and organology of the higher vertebrates. The laboratory consists of a compara-

tive anatomical study of the pigeon and cat, with emphasis on the anatomy of the cat. Lecture two hours and laboratory four hours each week.

225. ECONOMIC ENTOMOLOGY. Two hours. Second semester.

*Prerequisite:* Biology 105 or 220.

A brief study of the morphology, life history, and habits of representative examples of each order of insects, with emphasis on those of economic importance. Methods of controlling the insect pests of farm and home are studied. Lecture two hours each week. Individual projects are required.

227. GENETICS AND EUGENICS. Two hours. Each semester.

*Prerequisite:* Biology 105, 200, or 220.

A study of the fundamental laws on which genetics and eugenics are based, including carriers of heredity, resemblances and differences, continuity of germplasm, laws of segregation and dominance, and unit characters. These principles are discussed from a practical viewpoint of improvement of plants and animals and their application to man.

230. PHYSIOLOGY. Three hours. Each semester.

A study of the structure and function of the various systems of the body with special emphasis on the skeleton, circulatory, respiratory, excretory, and digestive systems. Experiments in the laboratory enable the students to observe many physiological processes. Lecture two hours and laboratory two hours each week.

231. PHYSIOLOGY. Three hours. Second semester.

A continuation of Physiology 230, with special emphasis on the nervous, muscular, endocrine and uro-genital systems. Lecture two hours and laboratory two hours each week.

300. PLANT PHYSIOLOGY. Four hours. First semester and summer session.

*Prerequisites:* Biology 200 and Chemistry 100.

Discussions and experiments involving environmental relations and metabolic processes in plants. Lecture two hours and laboratory four hours each week.

301. BOTANY 3s. Two hours. Summer session.  
*Prerequisite:* Biology 200.  
 Classification of herbaceous plants and common seed plants, with particular reference to structure and function. Laboratory two hours each day.
305. ECONOMIC BOTANY. Three hours. Second semester.  
*Prerequisite:* Biology 200.  
 A study of structure, uses and distribution of plants used for the production of textiles, foods, lumber, and drugs. Three recitations a week.
320. GENERAL ENTOMOLOGY. Three hours. Summer session.  
*Prerequisites:* Biology 220, junior, senior or graduate standing.  
 A study of the morphology, life history, and classification of insects. Laboratory consists of collecting, mounting, and identifying of insects indigenous to this region. Lecture two hours and laboratory one hour each week.
- 321 (425). ECONOMIC ZOOLOGY. Two hours. Second semester.  
*Prerequisite:* Biology 220.  
 A study of animals from the economic standpoint, including both the beneficial and harmful aspects.
325. ANIMAL MICROTECHNIQUE. Two hours. Summer session.  
 A study of the theory and practice of microscopic technique, including fixing, embedding, sectioning, mounting, and staining of animal tissues. Laboratory four hours each week.
332. ICHTHYOLOGY. Two hours. Summer session.  
*Prerequisite:* Biology 220, or equivalent.  
 A general study of fishes, including the distinguishing characters of the group, morphological features, reproduction, food and feeding habits. Special emphasis is placed on the characters of the more common groups. The laboratory work consists of collecting, preserving and classifying fishes common to this region.
- 400a (301a). ANATOMY OF STEMS AND ROOTS. Two hours. First semester.

- Prerequisite:* Biology 200.  
 A study of structure and relationship of different plant tissues. Laboratory four hours each week.
- 400b (301b). ANATOMY OF SEEDS AND FRUITS. Two hours. Second semester.  
*Prerequisite:* Biology 200.  
 Development and structure of flowers and fruits. Special emphasis is placed upon reproduction. Laboratory four hours each week.
401. MORPHOLOGY OF GYMNASPERMS. Two hours. First semester.  
*Prerequisite:* Biology 200.  
 A study of the structure, reproduction and phylogenetic relations of gymnosperms.
402. MORPHOLOGY OF THE FUNGI. Three hours. On demand.  
*Prerequisite:* Biology 200.  
 Structure and classification of the fungi. Three recitations a week.
- 420 (320). INVERTEBRATE ZOOLOGY. Four hours. First semester.  
*Prerequisites:* Biology 220.  
 A general survey of the invertebrate phyla emphasizing the systematic position, the life history and morphology of type specimens of each group. Biological principles and theories are also studied. Lecture two hours and laboratory four hours each week.
- 421 (321). VERTEBRATE ZOOLOGY. Four hours. Second semester.  
*Prerequisites:* Biology 220.  
 A study of the distinctive characters, habits, systematic position, and phylogenetic relationships of representative examples of each class of vertebrate animals. Fundamental laws and theories are also treated. The laboratory consists of the dissection of shark, frog, and cat. Lecture two hours and laboratory four hours each week.
430. SEMINAR IN BIOLOGY. Two hours. Each semester.  
*Prerequisite:* Graduate standing.

A discussion of assigned subjects, pertaining to personal research work or from current publications treating biological problems.

DIVISION OF AGRICULTURE

Mr. Ford  
Mr. Cole

Mr. Edens  
Mr. Loudermilk

Mr. Taylor

The courses offered in agriculture are arranged to meet the needs of those desiring to teach agriculture in federally aided high schools, and for those desiring a broad knowledge of country life. A minimum of one hundred thirty-six hours, of which at least sixty-two hours are earned in agriculture, are required of all graduates in agriculture. The Agriculture Curriculum is shown on page 85 of this catalog.

COURSE DESCRIPTIONS

*Agronomy*

101. GENERAL AGRICULTURE. Two hours. Each semester and summer session.

A general survey of agriculture with special emphasis on methods and materials. (Not to be taken by students having high school credit in agriculture.)

103. HORTICULTURE I. Three hours. Second semester

A study of the principles of fruit growing and their application to the common tree and small fruits in Kentucky. A study is made of varieties suited to the home and commercial orchard. Practical work in the orchard is required.

201. HORTICULTURE II. Two hours. Second semester.

A study of the principles and practices of vegetable growing, including varieties for different stages of the growing season. Practical work with hot-bed and cold-frame is required.

204. GENERAL FARM CROPS. Five hours. First semester.

A study of the types and varieties of farm crops common to Kentucky with special emphasis on cultural and fertility practices, grain judging, and seed inspection and selection. A brief study is made of crops of major economic importance grown outside of Kentucky.

206. AGRICULTURE ANALYSIS. Five hours. First semester.

*Prerequisite:* Chemistry 100.

A study of gravimetric, volumetric, and colorimetric analysis as applied to fertilizers, feed stuffs, milk products, and insecticides.

208. SOIL PHYSICS AND FERTILITY. Five hours. Second semester.

*Prerequisite:* Agriculture 206.

A study of the origin, classification, and physical properties of soils in their relation to cultural and fertility practices. Analyses are made of representative soils for reaction, nitrate and total nitrogen, and soluble and total phosphorous. A detailed study is made of the crop response obtained from fertilizer treatments on Kentucky soil fertility fields.

*Animal Husbandry*

110. ANIMAL HUSBANDRY I. Four hours. First semester.

A study of the types and market classes of beef cattle, hogs, and sheep with emphasis on breeds best adapted to Kentucky. Judging, feeding, and care are also studied.

111. ANIMAL HUSBANDRY II. Three hours. Second semester.

*Prerequisite:* Animal Husbandry I.

A study of the breeds of dairy cattle, judging, care, and management. The economic production of clean milk together with standard dairy tests are also studied.

115. POULTRY I. Three hours. Each semester.

A study of the breeds and varieties of chickens, feeding for production, housing, and sanitation as applied to the farm.

210. ANIMAL HUSBANDRY III. Three hours. Second semester.

*Prerequisite:* Animal Husbandry I.

A study of standard feeding practices with special emphasis on the utilization of farm-grown feeds in the economical production of livestock.

212. ANIMAL HUSBANDRY IV. Three hours. Second semester.

*Prerequisite:* Animal Husbandry I.

A study of standard methods of slaughtering and curing meats on the farm.

214. ANIMAL HUSBANDRY V. Three hours. Second semester.  
*Prerequisite:* Animal Husbandry I.

A study of judging, selection, breeding, care, and management of farm animals.

215. POULTRY II. Two hours. Second semester.  
*Prerequisite:* Poultry I.

Incubation and brooding. A study of incubation and brooding, culling, and judging of chickens.

226. BEE KEEPING. Two hours. Second semester and summer session.

A study of the principles of bee culture, including methods of transferring, feeding, re-queening, and extracting honey.

#### *Agricultural Economics*

220. AGRICULTURAL ECONOMICS. Four hours. First semester.  
*Prerequisite:* Economics 200.

Agriculture as an industry; relation of agriculture to other industries; economic principles underlying agricultural production, land tenure, farm labor, farm machinery, marketing farm products, rural credit; agricultural problems of transportation, storage, price, depressions, speculation, state aid and farm organization.

221. FARM MANAGEMENT AND ACCOUNTING. Three hours. Second semester.

*Prerequisites:* Economics 200 and Agricultural Economics 220.

A study of the factors underlying the organization and management of the farm, and of farm accounts; choosing, buying, and renting the farm; types of farming; farm layouts; financing the farm business; buying farm equipment and supplies; hiring and handling farm labor; determining what farm records to keep; taking the inventory; keeping the records; summarizing and interpreting farm records and accounts.

222. MARKETING FARM PRODUCTS. Two hours. Summer session.  
*Prerequisite:* Economics 200.

The principles and practices involved in efficient marketing of agricultural products; consumer demand; production; middlemen and their services; assembling, inspection, grading, and standardizing; transportation, storage, credit, risk bearing, sale, and future trading; cooperative marketing; governmental agencies.

#### *Agricultural Education*

216. VOCATIONAL EDUCATION. Two hours. Second semester.

A study of the philosophy and principles of vocational education involving the historical development of federal and state aid, community programs for vocational education, vocational education and general education objectives, social and economic values, federal and state plans for administering vocational education.

302a. AGRICULTURE IN THE SECONDARY SCHOOL. Three hours. First semester.

A course based upon the activities of the teacher of agriculture in the secondary school. Special consideration is given to such problems as: The purpose of instruction, selecting the methods of teaching, constructing curricula and courses of study, providing equipment and teaching facilities, supervising farm practice work, participating in community activities, and evaluating results.

#### CHEMISTRY

*Mr. McNally*

*Mr. Baker*

*Mr. Skinner*

The chemical laboratories are located in Recitation Hall. Ample facilities are provided for instruction in this field. In addition to training chemistry teachers, courses are offered which fulfill all requirements for dentistry, medicine, engineering, graduate study, and other fields requiring a thorough training in the fundamentals of chemistry.

Majors in chemistry are required to take the following courses: Chemistry 100, 101, 102, 201, and 250, preferably in

the order given. A total of thirty semester hours must be completed.

Liberal Arts majors are required to take courses 201a, 360, and 361, in addition to the above. Foreign language requirements for liberal arts majors should be satisfied in German and calculus, and a course in general physics must be completed.

Chemistry minors should take courses 100, 101, 201, and 250, and others to be selected after consultation with the head of the department.

#### COURSE DESCRIPTIONS

100a. GENERAL CHEMISTRY. Five hours. Each semester and summer session.

Three lectures and four laboratory hours per week.

This course is open only to those students who have not completed a course in high school chemistry. It deals with the fundamental chemical principles and their application. A thorough study of the non-metallic elements is included.

100b. GENERAL CHEMISTRY. Five hours. Each semester and summer term.

Open only to those students who have completed a course in high school chemistry. This course is similar to Chemistry 100a in both content and organization.

101a. GENERAL CHEMISTRY. Five hours. Second semester and summer term.

*Prerequisite:* Chemistry 100a.

Three lectures and four laboratory hours per week.

A continuation of Chemistry 100a, with special emphasis on the metallic elements, atomic structure, periodic chart, radio activity, etc. The laboratory work is an elementary study of qualitative analysis.

101b. GENERAL CHEMISTRY. Five hours. Second semester and summer term.

*Prerequisite:* Chemistry 100b.

Similar to Chemistry 101a, except that it is a continuation of Chemistry 100b.

102 (200). QUALITATIVE ANALYSIS. Five hours. First semester.

*Prerequisite:* Chemistry 101.

Two lectures and eight laboratory hours per week.

This course covers a complete scheme of qualitative analysis, and a study of the fundamental principles involved.

201. QUANTITATIVE ANALYSIS. Five hours. Second semester.

*Prerequisite:* Chemistry 102, except for Chemistry minors.

Two lectures and ten laboratory hours per week.

This is an elementary course in quantitative analysis, covering both gravimetric and volumetric determinations. The volumetric work includes acidimetry, alkalimetry, oxidation, and iodimetry, and the standardization of all solutions used.

201a. QUANTITATIVE ANALYSIS. Four hours. First semester.

*Prerequisite:* Chemistry 201.

Two lectures and six laboratory hours per week.

This course is provided for those who desire more work in quantitative analysis. Analyses of somewhat more complicated nature are made. The practical application of quantitative chemical measurements to industry is emphasized.

202. FOOD CHEMISTRY. Five hours. First semester.

*Prerequisite:* Chemistry 101. Open only to Home Economics majors.

Three lectures and four laboratory hours per week.

A chemical and nutritional study of the main classes of foods, such as carbohydrates, proteins, and fats. The laboratory work includes qualitative and quantitative determinations of various food materials.

250. ORGANIC CHEMISTRY. Five hours. First semester.

*Prerequisite:* Chemistry 101.

Three lectures and four laboratory hours per week.

A study of aliphatic hydrocarbons and their derivatives, carbohydrates, and proteins.

302. ORGANIC CHEMISTRY. Five hours. Second semester.

*Prerequisite:* Chemistry 250.

A continuation of Chemistry 250, being a study of aromatic compounds, dyes, alkaloids, essential oils, and organic type reactions.

350. BIOCHEMISTRY. Three hours. Alternate semesters and summer session.

*Prerequisite:* Chemistry 250. Open only to seniors and graduate students.

A survey of the chemical composition and nutritional requirements of plants and animals, together with the chemical changes which occur in these organisms during metabolism of the various food constituents.

351. BIOCHEMISTRY. Two hours. Alternate semesters and summer session.

*Prerequisite:* Chemistry 350, or concurrent registration.

A laboratory course to supplement Chemistry 350. This involves both qualitative and quantitative studies of representatives of the major classes of compounds found in living material.

360. PHYSICAL CHEMISTRY. Three hours. Alternate semesters and summer session.

*Prerequisites:* Foundation courses in general, analytical and organic chemistry, a course in general physics, and calculus. Open only to seniors and graduate students.

A course in theoretical chemistry, including such topics as gases, liquids, solids, solutions, thermochemistry, the laws of thermodynamics, and atomic structure.

361. PHYSICAL CHEMISTRY. Two hours. Alternate semesters and summer session.

*Prerequisite:* Chemistry 360, or concurrent registration.

A laboratory course to supplement Chemistry 360, involving correlated experimental studies and measurements.

## ECONOMICS AND SOCIOLOGY

*Mr. Taff*

*Mr. Spriegel*

### REQUIREMENTS FOR MAJORS AND MINORS

*Major.*—Economics 200, 201, 300 and 203 or 315, Sociology 101, and a minimum of twelve hours of approved electives. Eco-

nomics 302 is required of those majors who are taking the College Certificate.

*Minor.*—Economics 190, 201; Sociology 101, and nine hours of approved electives.

### COURSE DESCRIPTION

105. MODERN INDUSTRY. Two hours. Second semester.

*Prerequisite:* Open to freshmen and sophomores who have not had Economics 110.

A descriptive study of modern production. Function and activities are stressed rather than organization and structure. Methods of a few representative industries are studied in some detail.

110. MODERN ECONOMIC LIFE. Two hours. First semester and first summer term.

*Prerequisites:* Freshmen and sophomores only; not open to those having credit for Economics 105.

A survey of the problems of American economic life, with suggestive methods of solution. The central theme is our standard of living and means of improvement.

190. ELEMENTS OF ECONOMICS. Three hours. First semester and second summer term.

*Prerequisite:* Forty-two semester hours of college credit.

A study of economic principles as they apply to our competitive system. All topics apply to the principles of production, exchange, and distribution.

201. APPLIED ECONOMICS. Three hours. Second semester.

*Prerequisite:* Junior standing.

A study of contemporary economic problems. History and facts are secondary to analysis, evaluation, and solution. The problems of economic stability, labor, finance, business enterprise, international economics, and social waste constitute the basic problems of the course.

202. ECONOMIC HISTORY OF THE UNITED STATES. Three hours. First semester.

*Prerequisite:* Junior standing.

A study of economic development from the discovery of America through the Civil War period. The aim of the course is to present the economic phases of history. The topics will center around land, colonization, agriculture, industry, commerce, the Revolution, the Constitution, Westward Movement, Industrial Revolution in America, transportation and communication, slavery, finance and tariff, and the economics of the Civil War.

203. ECONOMIC HISTORY OF THE UNITED STATES. Three hours. Second semester.

*Prerequisite:* Junior standing.

The economic development of the United States from the end of the Civil War to the present. Expansion, consolidation, and integration of economic institutions and units constitute the central theme.

215. INVESTMENTS. Two hours.

*Prerequisite:* Economics 190 and junior standing.

A course dealing with the social and economic bases of sound investment policies; fields for the small investor; investment institutions; and an examination of recent trends in the investing field, both from the institutional viewpoint and that of the small investor.

216. COMMERCIAL LAW. Three hours. First semester.

*Prerequisite:* Economics 190 and junior standing.

A course dealing with the rudiments of commercial law contracts, agency, personal property, sales, and negotiable paper.

250. MONEY, BANKING, AND CREDIT. Three hours. Second semester.

*Prerequisite:* Economics 190 and junior standing.

A study of the instruments of valuation and exchange; origin, development, and functions of money; principles and functions of banking; credit in modern economy.

300. TAXATION AND PUBLIC FINANCE. Three hours. Second semester and first summer term.

*Prerequisite:* Junior, senior, or graduate standing.

A general study of governmental finance. The topics will center around administration, budget making, taxation, and fiscal reform.

302. METHODS IN SOCIAL SCIENCE. Two hours. Second semester.

*Prerequisites:* Junior, senior, or graduate standing. Required of majors taking the degree leading to the College Certificate. Elective for qualified first minors on consent of departments concerned. A study of the problems and technique of teaching social science in high school.

305. LABOR PROBLEMS IN THE UNITED STATES. Two hours.

*Prerequisites:* Junior, senior, or graduate standing. Not offered 1935-36.

A critical study of the human side of our economic and social system. Conditions of employment, wages, working conditions, insecurity, conflict, conciliation, public interest.

306. TRANSPORTATION. Three hours. Second semester on demand.

*Prerequisite:* Economics 190 and junior standing.

A survey course on the economic interpretation of the railroads, tracking, commercial aviation, and water transportation.

310. ECONOMIC PROBLEMS. Two hours. On demand.

*Prerequisites:* Majors in senior year and graduate standing in economics.

Individual investigation and report. The problem must be selected and approved before enrollment is permitted. Personal conference is the medium of instruction. An approved written report embodying the results of the study must be submitted before credit is granted.

315. ECONOMIC DEVELOPMENT OF EUROPE. Three hours. First semester.

*Prerequisites:* Junior, senior, graduate standing, Economics 190, 201, and at least six additional hours of approved social science.



A study of economic life and institutions in Europe from ancient times to the present. Major emphasis of the survey will be placed on Great Britain, France, Germany and Italy.

320. PRINCIPLES OF ACCOUNTING. Three hours. Not offered 1935-36.

*Prerequisites:* Junior, senior, or graduate standing.

A study in analysis and interpretation of financial data. Laboratory work will be confined to the minimum necessary for understanding accounts.

415a. ADVANCED THEORY. Two hours. First semester.

*Prerequisite:* Graduate standing in economics.

An intensive and critical study of present-day theories. The bases of the present competitive system, nature of wealth, production, and laws of price.

415b. ADVANCED THEORY. Two hours. Second semester.

A continuation of Economics 415a. The study will include distribution, growth of social wealth, trends and cycles, standards and costs of living, problems of population, and scope and method of economics.

416. PUBLIC UTILITIES. Three hours. On demand.

*Prerequisite:* Graduate standing in economics.

A course dealing with public utilities other than railroads, both from the standpoint of management and public policy. Legal background, valuation, rate making, and service regulations will be given special consideration.

420a. HISTORY OF ECONOMIC THOUGHT. Two hours. On demand.

*Prerequisites:* Graduate standing with credit in Economics 415a or 415b.

A rapid survey of ancient and medieval thought, followed by an intensive study of development through the Age of John Stuart Mill.

420b. HISTORY OF ECONOMIC THOUGHT. Two hours. On demand.

*Prerequisites:* Same as for Economics 420a.

A study of developments from the Age of Mill to the present.

101. PRINCIPLES OF SOCIOLOGY. Three hours. Each semester and summer term.

A study of the origin, growth, structure, activities, and aims of society. The main divisions considered are: Social origins and evolution, socialization, social ideals, social control, and social pathology.

108. RURAL SOCIOLOGY. Three hours. Each semester and summer term.

A study of American rural life. Both economic and social factors are stressed.

200. EDUCATIONAL SOCIOLOGY. Three hours. First semester and first summer term.

*Prerequisites:* Junior standing and twelve hours of education.

A study of education in its social aspects. The social utility of educational groups, processes, materials, and aims is the central theme.

210. SOCIAL PROBLEMS. Two hours. Second semester.

*Prerequisites:* Sociology 101 and senior college standing.

A survey of the nature of social problems and a study of a few typical ones, with the aim of ascertaining their causes and possible solutions.

#### EDUCATION

<i>Mr. Jones</i>	<i>Mr. McMurtry</i>	<i>Mr. Smith</i>
<i>Miss Cole</i>	<i>Miss Rudisill</i>	<i>Mr. Willey</i>

Students planning to complete an undergraduate major in education should choose one of the following divisions of this field:

- a. Elementary Education
- b. Administration and Supervision

Applicants for the Standard Elementary certificate will complete the four-year curriculum for the training of elementary teachers, with a major in elementary education. See

page 77 for a complete outline of requirements in this curriculum.

Students preparing to teach in the small high school or the consolidated school with the rank of principal should major in administration and supervision.

Students completing requirements for the degree and the Provisional High School certificate should consult the requirements in education as given on page 82.

The requirements for undergraduate majors in the above-mentioned fields are as follows:

#### ELEMENTARY EDUCATION

The following courses are required: Education 102, 111, 101, 103, 107, two courses selected with consent of department from 210a, 210b, 211 and 212, 213a or 213b, 240, 270, 280 or 380 or 382 or 384, 303 and 305.

For the requirements in fields other than education, see page 77.

Students desiring to specialize in early elementary education should select Education 211, 212, and 213a, while those specializing in middle and upper grades should select Education 210a, 210b, and 213b.

#### ADMINISTRATION AND SUPERVISION

Students may complete a major in administration and supervision in conjunction with either the curriculum leading to the Standard Elementary certificate, or the curriculum leading to the Provisional High School certificate.

For students choosing to complete a major in administration and supervision in connection with the curriculum leading to the Bachelor's degree and the Standard Elementary certificate, the following courses are required: Education 102, 111, 101, 103, 107, 213a or 213b, 280, or 380 or 382 or 384, 303, 305, six hours from courses in secondary education and nine hours from courses in administration and supervision. The selections mentioned above must be made upon the advice and with the consent of the department. In addition, students will elect Economics 200 and 300.

For additional requirements in fields other than education, consult Page 77.

For students choosing to complete a major in administration and supervision in connection with the curriculum leading to the Bachelor's degree and the Provisional High School certificate, the following are required: Education 102, 103, 280, or 380 or 382 or 384, 303, six hours selected from elementary education, nine hours, including 235, selected from secondary education, and twelve hours selected from administration and supervision. The selections mentioned above must be made upon the advice and with the consent of the department. In addition, Economics 200 and 300 will be elected.

For additional requirements in fields other than education, consult Page 87.

#### COURSE DESCRIPTIONS

101. DIRECTED OBSERVATION. Two hours. Each semester and summer session.

*Prerequisites:* Education 102, 111, and sophomore standing.

This is a course designed to give specific preparation for directed teaching in elementary grades by means of a study of the principles of teaching and the practice of teaching as demonstrated in the Training School.

102. INTRODUCTION TO PSYCHOLOGY. (See Department of Psychology.)

103. DIRECTED TEACHING. Three hours. Each semester and summer session.

*Prerequisites:* Education 102, 101, 111, and sophomore standing, or Education 102, 235, and junior or senior standing.

The student is required to teach under the guidance of a master teacher such classes as may be assigned by the Director of the Training School, and to attend at 4:20 each Tuesday a meeting at which are discussed various phases of student teaching.

107. EDUCATIONAL PSYCHOLOGY. (See Department of Psychology.)

111. FUNDAMENTALS OF ELEMENTARY EDUCATION. Five hours. Each semester and summer session.

*Prerequisite:* Second semester standing.

This course deals with problems, other than instructional in nature, of beginning classroom teachers, such as routine of organization, attendance, records and report, discipline, and school health; and with problems relating to the teaching of the common branches as outlined in the State Course of Study.

200. SURVEY OF EDUCATION. Three hours. First or second semester and summer session.

*Prerequisite:* Junior standing.

This course is designed to give an over-view of education to those who are preparing to take out a high school certificate and should be taken by such students if they have not taken out the Provisional Elementary certificate. Not open to those who have had Education 100a or 111.

- 210a. METHODS AND MATERIALS IN MIDDLE AND UPPER GRADES. Two hours. First semester and summer session.

A course in which is treated the objectives, materials and methods, diagnostic testing, and remedial instruction in spelling, handwriting, and arithmetic.

- 210b. METHODS AND MATERIALS IN MIDDLE AND UPPER GRADES. Two hours. Second semester and summer session.

A continuation of 210a, in which are treated the objectives, methods and materials, diagnostic testing, and remedial instruction in language, history, and geography.

211. PROBLEMS OF THE PRIMARY TEACHER. Two hours. First semester and summer session.

*Prerequisite:* Junior or senior standing.

A study of progressive theory and practice in early elementary grades with special emphasis upon a critical evaluation of the objectives of each subject in these grades.

212. KINDERGARTEN-PRIMARY METHODS AND MATERIALS. Two hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

A study of materials employed in the primary grades of modern elementary schools and the instructional methods which underlie the correct use of these materials.

- 213a. TEACHING OF PRIMARY READING. Three hours. First semester and summer session.

*Prerequisite:* Junior or senior standing.

A course which deals with the activities, materials, and methods of oral and silent reading in the early elementary grades.

- 213b. READING IN MIDDLE AND UPPER GRADES. Three hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

This course is similar to Education 213a, but is designed for those preparing to teach in intermediate or upper grades.

231. THE JUNIOR HIGH SCHOOL. Two hours. First semester and summer session.

*Prerequisite:* Junior or senior standing.

This course treats of the objectives, curricular and extra-curricular activities, methods of study, discipline, and similar problems in the junior high school.

235. ESSENTIALS OF HIGH SCHOOL TEACHING. Three hours. First semester and summer session.

*Prerequisite:* Junior or senior standing.

A course which is designed for those preparing to teach in secondary schools and which deals with teaching problems of this level, as for example, objectives and methods in the high school, supervised study, the high school recitation, and measurement in high school. It is accompanied by observations made in the Training High School.

240. EDUCATIONAL TESTS AND MEASUREMENTS. Two hours. Each semester and summer session.

*Prerequisite:* Junior or senior standing.

This course involves a survey of standard mental and educational tests for elementary schools, and the statistical

procedure necessary for the application of such tests to problems of remedial instruction.

241. MEASUREMENTS IN SECONDARY SCHOOLS. Two hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

This course involves a survey of standard mental and educational tests for secondary schools. It is designed for students who are preparing to teach on the secondary level, and is not open to those who have had Education 240.

250. ADMINISTRATION AND SUPERVISION IN SMALL SCHOOL SYSTEMS. Three hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

This course is an elementary treatment of the principles and problems incident to the organization, administration, and supervision of public schools, and is intended for principals of elementary grades and for principals or superintendents of combined elementary and secondary grades.

264. SUPERVISION OF RURAL SCHOOLS. Three hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

A course which deals with the purposes and techniques of supervision in rural schools, with emphasis upon the improvement of rural teachers in service.

270. ELEMENTARY SCHOOL CURRICULUM. Three hours. First semester and summer session.

*Prerequisite:* Junior or senior standing.

A critical study is made in this course of the best courses of study, with the view of helping teachers to use and enrich the Kentucky State Course of Study.

280. GENERAL HISTORY OF EDUCATION. Three hours. First semester.

*Prerequisite:* Junior or senior standing.

This course is a general survey of the philosophies and

practices in the history of education which have vitally affected modern educational theory and practice.

303. DIRECTED TEACHING. Three hours. Each semester and summer session.

*Prerequisites:* Education 103 and senior standing.

The student is required to teach under the guidance of a master teacher such classes in his major subject as may be assigned by the Director of the Training School, and to attend at 4:20 each Tuesday a meeting at which is discussed various phases of student teaching.

304. DIRECTED TEACHING. Three hours. Each semester and summer session.

*Prerequisites:* Education 103 and senior standing.

This course is elective for students who are preparing for distinctively rural service and must be taken in the Rural Demonstration School concurrently with Education 303.

305. THE PSYCHOLOGY OF CHILDHOOD. (See Department of Psychology.)

306. THE PSYCHOLOGY OF ADOLESCENCE. (See Department of Psychology.)

307. SOCIAL PSYCHOLOGY. (See Department of Psychology.)

308. PSYCHOLOGY OF COMMON SCHOOL BRANCHES. (See Department of Psychology.)

309. PSYCHOLOGY OF SECONDARY SCHOOL SUBJECTS. (See Department of Psychology.)

318. MENTAL DEFICIENCY. (See Department of Psychology.)

319. ABNORMAL PSYCHOLOGY. (See Department of Psychology.)

324. PROBLEMS OF THE COUNTY SUPERINTENDENT. Three hours. Second semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

In this course is made a study of the work of the county superintendent, with special reference to problems of administration and supervision in county schools.

330. THE SENIOR HIGH SCHOOL. Two hours. Second semester and summer session.

*Prerequisite:* Junior or senior standing.

This course deals with the history and objectives of secondary education and with such problems as high school courses of study, records and reports, and extra-curricular activities.

332. EXTRA-CURRICULAR ACTIVITIES. Two hours. Once each year, alternating between regular semesters and summer sessions.

*Prerequisite:* Junior or senior standing.

This course treats of the vital phases of extra-classroom activities such as clubs, athletics, publications, etc., with particular emphasis upon the correlation of such activities with the regular classroom work of the school.

336. GUIDANCE IN SECONDARY SCHOOLS. Two hours. Once each year, alternating between regular session and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

This is a basic course dealing with the aims and materials of guidance, techniques of counseling, and research techniques in personnel service.

338. PROBLEMS OF SECONDARY EDUCATION. Two hours. Once each year alternating between regular session and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A critical study of investigational literature dealing with the improvement of organization and instruction on the secondary level.

340. CLASSROOM TEST CONSTRUCTION. Two hours. First semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A critical study of the principles governing the construction and use of classroom tests, and the application of testing programs to research problems in classroom teaching.

354. STATE SCHOOL ADMINISTRATION. Three hours. Second semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A course which deals with the fundamental principles and practices of state school administration and which includes such topics as the State Board of Education, the State Department of Education, certification, finances, textbook adoptions, and national participation in state education.

356. FUNDAMENTALS OF SCHOOL ADMINISTRATION. Three hours. Second semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

An advanced course in school administration dealing with the application of fundamental principles of administration to such topics as, the board of education, the superintendent, budgets, salary schedules, personnel, and relations with the public.

358. ACCOUNTING FOR PERSONNEL. Three hours. Once each regular year and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A course dealing with problems of personnel accounting with special emphasis upon the problems of attendance officers.

362. SUPERVISION OF ELEMENTARY SCHOOL SUBJECTS. Three hours. Second semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A practical application of the principles of supervision to the problems met in the teaching of elementary school subjects, and intended for those preparing to teach or supervise in the elementary grades.

366. PRINCIPLES AND PROBLEMS OF SUPERVISION. Three hours. First semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

A course dealing with the instructional side of school administration, with special emphasis upon the organization, problems, principles, and techniques of supervising and improving teachers in service. It is intended for those preparing to become principals and superintendents.

380. HISTORY AND PHILOSOPHY OF EDUCATION IN AMERICA. Three hours.

*Prerequisite:* Senior or graduate standing.

A course devoted to the evolution of American education ideals and practices, with special reference to distinctively American contributions to world educational philosophy and practice.

382. PHILOSOPHY OF EDUCATION. Three hours. First semester or summer session.

*Prerequisite:* Junior, senior, or graduate standing.

The aim of this course is to assist the student in building up, through study of the major philosophies of education, a sound philosophy of education with which to interpret and evaluate educational functions and programs.

384. MODERN EUROPEAN SYSTEMS. Three hours. Second semester 1936-37, and alternate years.

*Prerequisite:* Senior or graduate standing.

A comparative study of foreign school systems, with particular emphasis upon changes in philosophy and practice since the Great War.

402. ADVANCED EDUCATIONAL PSYCHOLOGY. (See Department of Psychology.)

413. INVESTIGATIONS IN READING. Two hours.

*Prerequisite:* Graduate standing.

A critical study of the investigative and theoretical literature dealing with the teaching of reading.

415. INVESTIGATION IN MATHEMATICS. Two hours.

*Prerequisite:* Graduate standing.

A critical study of the investigative and theoretical literature dealing with the teaching of mathematics.

417. INVESTIGATIONS IN SOCIAL STUDIES. Two hours. Once each year.

*Prerequisite:* Graduate standing.

A critical study of investigative literature dealing with problems of instruction in social sciences.

418. INVESTIGATIONS IN ENGLISH. Two hours. Once each year. *Prerequisite:* Graduate standing.

A critical study of investigative literature dealing with the problem of instruction in English.

420. RURAL SCHOOL PROBLEMS. Three hours. Once each year, alternating between first semester and summer session.

*Prerequisite:* Junior, senior, or graduate standing.

This is a research course dealing with the major social problems of rural life, with emphasis upon the effect these problems have upon rural education.

440. EDUCATIONAL STATISTICS. Three hours. First semester and summer session.

*Prerequisite:* Graduate standing.

A course designed to enable the student to read and interpret investigative literature in the field of education, and to give facility in the collection and classification of data. The topics treated are, graphic and tabular arrangement of data, measures of central tendency, measures of variability, and measures of relationship.

442. EDUCATIONAL RESEARCH. Two hours. First and second semester and summer session.

*Prerequisites:* Graduate standing and major in education.

All graduate majors in education must enroll for a full year of thirty-six weeks in this course, which leads to the required thesis and which is devoted to a study of research techniques and individual research.

- 456a. BUSINESS ELEMENTS OF PUBLIC SCHOOL ADMINISTRATION. Two hours. First semester and summer session.

*Prerequisite:* Graduate standing.

A study of the business management of public school systems, with special reference to problems of control of local school finances, school budgets, methods of financing local systems, and accounting for school moneys.

456b. BUSINESS ELEMENTS OF PUBLIC SCHOOL ADMINISTRATION. Two hours. Second semester and summer session.

*Prerequisite:* Graduate standing.

A continuation of 456a, with special reference to unit costs and cost accounting, accounting for school supplies, accounting for school property, school insurance, and business procedure and office practice.

458. SCHOOL BUILDINGS. Two hours. Once each year, alternating between second semester and summer session.

*Prerequisite:* Graduate standing.

A study of the fundamental problems involved in school-house planning and construction, including educational needs, sites, architect service, standards of construction, types of buildings, and building surveys.

470 (302). THE CURRICULUM. Three hours. First semester and summer session.

*Prerequisite:* Graduate standing.

A course dealing with the philosophy, the principles, the problems, and the practices of curriculum making.

#### ENGLISH

<i>Mr. Wilson</i>	<i>Mr. Clagett</i>	<i>Miss Richards</i>	<i>Miss Stith</i>
<i>Mrs. Cherry</i>	<i>Mr. Cornette</i>	<i>Mr. Salomon</i>	<i>Mrs. Upton</i>
	<i>Mr. Moore</i>	<i>Mr. Sterrett</i>	

Courses required of all students: English 101a, 101b, and either 102b or 104.

Course 103 is required of all students who expect to receive the Provisional Elementary or the Standard Elementary certificate.

Courses required of all majors: English 101a, 101b, either 102b or 104, and three additional hours of English or American literature chosen from 100 courses; 300, 302, and 303; and one course from each of the following groups:

Group I—200, 201, 206, 211, 212, 301, 307, 313, 315, 320.

Group II—105, 202, 203a, 203b, 204a, 204b, 209, 210a, 210b, 304, 311a, 311b.

Group III—208, 305, 306, 308a, 308b, 309, 312, 316, 317a, 317b, 318, 319.

Summer offerings will include 101a, 101b, 102a, 102b, 103, 104, 105, 300, 302, 303, and a representative number of courses in each of the three groups.

*Prerequisites* for all courses numbered 200 and 300: Junior standing and English 101a, 101b, and either 102b or 104.

#### COURSE DESCRIPTIONS

101a. FRESHMAN ENGLISH. Three hours. Each semester and summer term.

Half of this course is devoted to the study of the principles of grammar; the other half, to the fundamentals of composition and punctuation. Weekly themes are required of each student, the last one being a long personal paper. Some of the general matters introduced into the course are as follows: The use of the library, the use of the large dictionary, note-taking, outlining, precis-writing, letter-writing.

101b. FRESHMAN ENGLISH. Three hours. Each semester and summer term.

*Prerequisite:* English 101a.

This course is a continuation of 101a, with the emphasis on composition. There is a general review of the more difficult phases of grammar and punctuation. Weekly themes are required, the last one involving library research. Some of the general matters introduced into the course are as follows: Making a bibliography, editorial writing, preparation of a debate.

102a. TYPES OF ENGLISH LITERATURE. Three hours. Each semester.

*Prerequisites:* English 101a and 101b.

This course is designed to introduce the student, by a course of well-planned reading, to the following types as represented in English literature prior to the nineteenth century:

The drama, the essay, the biography, the history, and the poem. A second purpose of the course is to acquaint the student with the historical development of these types.

102b. TYPES OF ENGLISH LITERATURE. Three hours. Each semester and summer term.

*Prerequisites:* English 101a and 101b.

This course has the same purposes as English 102a, the period covered being from 1800 to the present. The short story as a type is added to the ones already named.

103. CHILDREN'S LITERATURE. Three hours. Each semester and summer session.

*Prerequisites:* English 101a and 101b.

The aims of this course are the following: (1) To acquaint students with the wide range of materials suitable for children, through a survey of both folk and modern literature; (2) to help students acquire discrimination in judging and grading literature for children; (3) to teach effective methods of presenting various types of literature; and (4) to familiarize students with the outstanding authors, illustrators, authorities, and tendencies of present-day literature for children.

104. TYPES OF AMERICAN LITERATURE. Three hours. Each semester.

*Prerequisites:* English 101a and 101b.

This course is designed to introduce the student to the various types of literature produced in America, with the emphasis on poetry, short stories, and essays. Each type is studied with reference to social, economic, and literary backgrounds.

105. FUNDAMENTALS OF SPEECH. Three hours. Each semester.

*Prerequisites:* English 101a, 101b, and either 102b or

104.

The private speech of the student as well as his public speech will be the object of study. Required for English 202 and 212.

200. TENNYSON AND BROWNING. Three hours. Second semester.

In this course the major writings of Tennyson and Browning are studied, with constant reference to nineteenth-century social, economic, and literary movements.

201. SHAKESPEARE. Three hours. Each semester.

Eight of the major plays of Shakespeare are studied. The emphasis in the course is on the poetry of the plays, the analysis of the characters, and the Renaissance background of Shakespeare and his contemporaries. Reports on other plays and on background studies are required.

202. SPEECH COMPOSITION. Three hours. Each semester.

*Prerequisite:* English 105.

The student will be guided in a critical and detailed study of the technicalities of speech structure, psychology, and style, together with an analysis of the qualities of each of the many forms of public address.

203a. BEGINNING PLAY PRODUCTION. Three hours. First semester.

The theory and practice of acting as encountered in elementary play production are basic in this course. It is designed to be of value to both the actor-apprentice and the teacher who may be called upon to direct an amateur play.

203b. ADVANCED PLAY PRODUCTION. Three hours. Second semester.

*Prerequisite:* English 203a.

An analysis of the fundamental motives to be found in the history of scenic art, an evaluation of the modern movements in scenic art, and an attempt to reach the best methods in stagecraft for amateurs are studied in this course.

204a. JOURNALISM. Two hours. First semester.

In this course the students are taught the principles of journalism and how to apply them to actual conditions. Each student does practical work on the college paper, the *College Heights Herald*, and has a chance to show his special abilities.

204b. JOURNALISM. Two hours. Second semester.

*Prerequisite:* English 204a is not a prerequisite to 204b; either one may precede the other.



Attention is given in this course to the reading of reputable newspapers and magazines. Each student serves on the staff of the *College Heights Herald*, his position being determined by his ability and interests.

206. MILTON AND DANTE. Three hours. First semester.

*Paradise Lost* and the *Divine Comedy* form the basic texts for this course. Each one is studied in the light of the time in which it was written and is constantly compared with ancient and mediaeval epics.

208. VICTORIAN LITERATURE. Three hours. First semester.

A study of the major writers of the Age of Victoria. Outside readings and reports include the works of minor writers who illustrate certain tendencies of the time. Each student prepares a paper on some phase of the social or economic backgrounds of the literature of the period.

209. TEACHING LANGUAGE IN THE GRADES. Three hours. First semester.

This course deals with the objective for the language work of each grade. Among the general topics discussed are the following: Composition subjects, proportion of oral and written work, language projects, measurements, tests, drills, and standards to be reached in each grade.

210a. SURVEY OF THE DRAMA. Three hours. First semester.

Not offered 1936-37.

The study of the origin and development of the drama is the purpose of this course. A knowledge of the outstanding dramatic achievements of each nation also is emphasized. Many plays are read in class, and each student familiarizes himself with some one field of the drama as his individual project.

210b. MODERN DRAMA. Three hours. First semester.

Not offered 1935-36.

This course deals with the drama since Ibsen, with the same plans followed in English 210a.

211. HISTORY OF THE THEATER. Three hours. First semester.

A survey of three thousand years in the theater-acting and stagecraft is the basis of this course. Representative plays in the various periods will be read.

212. INTERPRETATION. Three hours. Second semester.

*Prerequisite:* English 105.

The means of vocal expression and the modes of expression in the interpretation of the printed page will be the objects of study.

300. HISTORY OF ENGLISH LITERATURE. Three hours. Each semester and one summer session. Required of all majors and minors.

*Prerequisite:* Fifteen hours of English.

The purpose of this course is two-fold: (1) to present an introduction to the history of the English language, and (2) to study the whole course of English literature from the earliest times to the present. It is a history course, with library references, reports, word counts, and similar things. No anthology, as such, is required.

301. ADVANCED COMPOSITION. Three hours. Second semester.

This course has for its purpose more advanced writing than the student can do in his more elementary composition courses. Among papers required the following receive special attention: The critical essay, the familiar essay, the editorial, the one-act play, the interview, reports of public addresses, the short story, a poem of some type, several kinds of feature articles, and the after-dinner speech.

302. ENGLISH LANGUAGE. Two hours. Second semester and one summer term. Required of all majors.

The difficult problems of English grammar are taken up in this course. There are drills, standardized tests, and reviews of the effective methods of presenting grammar.

303. TEACHING ENGLISH IN HIGH SCHOOL. Three hours. Second semester and one summer term. Required of all majors.

In this course are presented materials and methods for the effective teaching of composition and literature in the high school. The content of the high-school course in English, effec-

tive tests and measurements, and the general objectives of the English courses are among the topics treated.

304. THE ESSAY. Two hours. Second semester. Not offered 1935-36.

This course is designed to acquaint the students with the types of the essay, the origin and development of the essay as a type, and famous essayists and their works.

305. THE LITERATURE OF THE ROMANTIC MOVEMENT. Three hours. Second semester. Not offered 1936-37.

*Prerequisite:* Open only to seniors and graduate students.

Wordsworth, Coleridge, Byron, Shelley, Keats, Scott, Lamb, Burns, Southey and Landor receive the chief emphasis in this course. The backgrounds of romanticism, its elements, and the various types of romanticism form the general material of the course.

306. EARLY AMERICAN LITERATURE. Two hours. First semester.

The purpose of this course is to present a study of the poetry of Freneau, Bryant, Emerson, Whitman, Whittier, Longfellow, Holmes, Poe, Lowell and Lanier. A brief review of the Colonial and Revolutionary periods is given as a background for the course.

307. CHAUCER. Two hours. Second semester. Not offered 1935-36.

*Prerequisite:* Open only to seniors and graduate students.

This course is designed to present representative works of Chaucer, chiefly from *Canterbury Tales*. Backgrounds are studied in outside readings and reports.

- 308a. MODERN AMERICAN LITERATURE. Three hours. Second semester. Not offered 1936-37.

This course gives a survey of American literature from the Civil War to the present, with emphasis on such writers as Whitman, Lincoln, Harte, and Mark Twain. Each important writer is placed in his time and his relation to the literary movements.

- 308b. MODERN ENGLISH LITERATURE. Three hours. Second semester. Not offered 1935-36.

The design of this course is to acquaint the student with the leading poets since 1880. Contemporary literary movements, such as Imagism, the Celtic Renaissance, Realism, and Symbolism, are studied in their relation to history and sociology.

309. KENTUCKY LITERATURE. Two hours. Second semester. Not offered 1936-37.

This course has for its purpose a study of the general field of literature produced by Kentuckians. It is also intended for a research course, giving the students an opportunity to learn something of little-known Kentucky authors who have not been included in the histories of American literature.

- 311a. SURVEY OF THE NOVEL. Three hours. Second semester. Not offered 1936-37.

This course gives an introduction to the technique and history of the novel and short story. The technique of the novel is presented largely through lectures. Six representative novels are read for class discussion and six for reports. The short story is studied in the same fashion.

- 311b. MODERN NOVEL. Three hours. Second semester. Not offered 1935-36.

This course follows the same plan as English 311a, except it deals with the novel and short story since Thomas Hardy.

312. LATER EIGHTEENTH CENTURY LITERATURE. Three hours. Second semester. Not offered 1936-37.

The leading poets, essayists, dramatists, and novelists of the latter half of the eighteenth century are studied: Collins, Gray, Johnson, Chatterton, Boswell, Burke, Hume, Smollett, Sterne, Goldsmith, Gibbon, Crabbe, Blake, and Cowper. The various literary movements are studied as a background.

313. BIBLE LITERATURE. Two hours. First semester. Not offered 1935-36.

This course presents a study of the types of Bible literature, with numerous outside readings in the Authorized and later versions. Lectures and reports include phases of Hebrew history.

315. WORDSWORTH. Two hours. First semester. Not offered 1936-37.

This course has two aims: (1) to study the life and personality of Wordsworth, and (2) to study the content and significance of selected poems from Wordsworth. A term paper concerned with collateral reading is required of every student.

316. OLD ENGLISH. Three hours. First semester. Not offered 1935-36.

*Prerequisite:* Senior or graduate standing.

Representative selections from Old English are read. These are taken from the *Anglo-Saxon Chronicle*, Alfred's translations, Bede's *Ecclesiastical History*, and some of the shorter Old English poems. Approximately a third of the course is given to Old English grammar and its relation to Modern English grammar.

- 317a. THE ENGLISH RENAISSANCE. Three hours. First semester. Not offered 1935-36.

Representative poets, essayists, and miscellaneous prose writers of the sixteenth century are studied, with the emphasis on Spenser as a notable representative of the Renaissance spirit.

- 317b. RENAISSANCE DRAMA. Three hours. Summer.

A study of the principal dramatists of the sixteenth century.

318. EARLY EIGHTEENTH CENTURY LITERATURE. Three hours. Second semester. Not offered 1935-36.

Richardson, Fielding, Thomson, Swift, Pope, Steele, Addison, Shaftesbury, Berkeley, Mandeville, Cibber, Lady Montagu, and Gay are the chief writers studied. Literary movements are discussed as backgrounds. A term paper on some one outstanding author is required of each student.

319. SEVENTEENTH CENTURY LITERATURE. Three hours. Second semester.

A study of representative poets, essayists, and dramatists of the seventeenth century, with especial emphasis on the minor poems of Milton, the prose essays of Browne, Walton, and Fuller, and the dramas and satires of Dryden.

320. WORLD LITERATURE. Three hours. Summer session.

Representative selections from drama, epic, poetry, essay, biography, satire, philosophy, and criticism of the ancients and moderns are studied. Historical, social, and literary backgrounds are presented in the form of lectures and in outside readings.

400. THE AGE OF JOHNSON. Three hours. Second semester. Not offered 1935-36.

Johnson and his circle form the basis for this course. In addition to the major writings of Johnson, selections from the following are studied: Goldsmith, Gibbon, Hume, Burke, Reynolds, Fielding, Smollett, Sterne, Burney, Gray, Sheridan, and Junius. Numerous papers are required.

401. LITERARY BEGINNINGS IN AMERICA. Three hours. First semester. Not offered 1936-37.

Representative poems, essays, novels, dramas, and short stories produced in America from 1775 to 1835 are studied. General matters, such as literary movements, are presented in the form of lectures with collateral readings. A term paper on some phase of early American literature is required.

402. LITERARY CRITICISM. Three hours. First semester.

This course is designed to show the relationship between literature and art in general, to give an acquaintance with the principles of literary criticism, and to introduce the student to great representative critics of literature: Aristotle, Plato, Horace, Vida, Boileau, Longinus, Lessing, Sidney, Shelley, Arnold, Wordsworth, Coleridge, and Tolstoi. Numerous papers are required.

403. EARLY DRAMA. Three hours. Second semester. Not offered 1936-37.

English drama from the beginning to 1642 is studied. Typical dramas are read and discussed. General matters, such as the Elizabethan theater, are presented through lectures and collateral readings. A term paper is required of all students.

## 404. VICTORIAN AGE. Three hours. Second semester.

This is an intensive study of some six major writers of the Age of Victoria, with their literary backgrounds. A term paper is required of all students.

## 405. MODERN TRENDS. Three hours. Summer.

This course deals with the principal literary movements of the twentieth century in poetry, fiction, and the drama.

## 450. ENGLISH RESEARCH. Two hours. Each semester and summer session.

This course deals with the principles of research, the methods of thesis-writing and a general review of the whole field of English literature. A term paper, prepared as a "little thesis," is required of each student.

## GEOGRAPHY AND GEOLOGY

*Miss Jeffries      Mr. Griffin      Miss Marks*

Students majoring in geography will be expected to take the following courses: Geography 111, 121, 102, 314, 385, and other approved courses.

Students completing a minor in geography will be expected to take the following: Geography 111, 102, and other approved courses.

## COURSE DESCRIPTIONS

## 101. PRINCIPLES OF GEOGRAPHY. Three hours. Each semester and summer term.

This is the required course for the Provisional Elementary certificate and the Standard Elementary certificate. It includes a brief study of the relationships between the following elements of our physical environment, and human adjustments and activities; earth whole and sun behavior, location, land forms, oceans, inland waters, ground water, minerals and rocks, soils, weather and climate, plant life, and animal life. The course is summarized by a brief consideration of the world whole made up of work regions.

To familiarize the student with geographic apparatus and illustrative materials and the technique of using them, a one-

hour laboratory period per week is required. The equivalent of a one-day field trip is also required in addition to short observational excursions to points near the school.

## 102. WORLD REGIONAL GEOGRAPHY. Three hours. Each semester.

*Prerequisite:* Geography 101 is desirable, but not absolutely essential.

This course considers each grand division, applying geographic principles in the interpretation of its regions of production or possible production. Emphasis is placed upon the great regions of population, united by lines of trade and communication. This is followed by a brief study of the countries dominating such regions.

One hour of laboratory work per week is required. One Saturday field trip.

## 111. EARTH'S FEATURES AND THEIR MEANING. Five hours. Second semester.

An introductory course in physical geology with special emphasis on the agencies modifying the earth's surface and the development of the different land forms, with some attention to their meaning in human economy. In the laboratory, the study of rocks, minerals, and soils is undertaken. The interpretation of land forms through the study of topographic maps is stressed. Short local observations in the field will be required.

## 121. ELEMENTS OF METEOROLOGY AND CLIMATOLOGY. Five hours. First semester.

An introductory study in weather science and climate. Special emphasis is placed upon daily weather observation, weather forecasting, and the derivation of climatic regions. Laboratory studies of appropriate problems are assigned.

## 191 (291). GEOGRAPHY IN THE ELEMENTARY SCHOOL. Three hours. Each semester.

*Prerequisite:* Geography 101.

The purpose of this course is to train student teachers in selecting and presenting geographic content at different levels of instruction. Topics treated are: the nature of geographic con-

tent, the analysis of teaching units, the organization of unit studies in geography, geographic tools, and a comparative study of current texts.

211. A SURVEY OF ECONOMIC GEOGRAPHY. Three hours. Spring term.

The geographical facts and principles relative to the origin, distribution, and development of outstanding industries and commerce of the world.

212. HISTORICAL GEOLOGY. Three hours. Second semester.

Studies of the various theories concerning the earth's origin and subsequent geologic events as revealed by a study of the succession of rocks, their mineral deposits, and the development of life as contained therein.

This course may be taken as an elective lecture course without the laboratory work.

- 212a. HISTORICAL GEOLOGY. Two hours. Second semester.

This course comprises the laboratory work to accompany Geology 212.

215. PHYSIOGRAPHY OF THE UNITED STATES. Five hours. On demand.

A study of the topography of the United States as a result of geologic structure and of the processes that have been at work altering the character of the land surface of the earth.

231. INDUSTRIAL GEOGRAPHY. Three hours. Second semester.

This course concerns itself with the physical geographic relationships between industrial raw materials, and their distribution and effect on manufactures.

251. GEOGRAPHY OF KENTUCKY. Three hours. Summer term.

*Prerequisite:* Six hours of geography.

This course consists of comparisons and contrasts of human occupancy in each of the natural regions of the state as related to location, geology, topography, routes, soils, minerals, climate, forests, and their utilization and conservation. Four short field trips are required.

- 251a. FIELD STUDIES IN KENTUCKY GEOGRAPHY. One hour. On demand.

*Prerequisite:* Geography 251.

This is a field trip to the Kentucky Mountains followed by a paper interpreting certain selected areas of the Knobs, the Mountains, the Plateau, and the Blue Grass region.

281. GEOGRAPHY OF NORTH AMERICA. Three hours. Second semester.

A course dealing with the geographic factors influencing the production, assembling, movement, and marketing of the principal economic products of North America. Occasional Saturday field trips required.

314. GEOGRAPHY IN THE HIGH SCHOOL. Three hours. Spring term, 1936.

*Topics.*—Nature of geographic content, contributions of geography to education, content for the secondary school, interests of secondary school students, contributions of physical geography and of economic geography, how to combine them in major topics, evaluation of high-school texts, equipment and techniques.

351. GEOGRAPHIC INFLUENCE IN HISTORICAL DEVELOPMENT OF THE UNITED STATES. Three hours. First semester.

A study of the geographic relationships between a rapidly expanding people and a varied and changing environment, emphasizing the migrations, adjustments, and future possibilities within the different regions.

362. GEOGRAPHY OF SOUTH AMERICA. Three hours. Second semester.

A survey of the environmental factors of South America with emphasis on the influence that these factors might have upon the present and future economic development of the South American countries.

363. ECONOMIC GEOGRAPHY OF EUROPE. Three hours. Second semester.

The course includes (1) a study of the economic regions of Europe; (2) a study of relationships between these regions;

(3) economic relations between Europe and the rest of the world.

364. HISTORICAL GEOGRAPHY OF EUROPE. Three hours. First semester.

*Prerequisite:* Six hours of geography and three hours of European history.

The purpose of the course is to show the importance of the geographic element in history. This course deals with (1) the influence of geographic factors upon the early history; (2) the geographic influences in the development of a modern nation; and (3) some of the geographic problems of present-day Europe.

365. GEOGRAPHY OF ASIA. Three hours. Second semester.

A brief survey of the continent as a whole, followed by a study of the geographic regions of India, China, and Japan.

371. CONSERVATION OF NATURAL RESOURCES. Three hours. First semester.

The resources of the United States in relation to national development; the wise utilization of soils, forests, minerals, water resources; the reclamation of swamp lands, arid lands, and depleted lands; prevention of soil wash; flood prevention; reforestation; improvement and extension of inland waters; use and development of water power; problems of water supply; and a survey of conservation movements.

385. RESEARCH PROBLEMS IN GEOGRAPHY. One to two hours. On demand.

For majors only. The purpose of this course is to give the students some training in obtaining geographic material from original sources and in geographic interpretation in writing.

#### HISTORY AND POLITICAL SCIENCE

<i>Mr. Stickles</i>	<i>Mr. Denman</i>	<i>Miss Reardon</i>
<i>Miss Anderson</i>	<i>Miss Egbert</i>	<i>Miss Robertson</i>
	<i>Mr. Potect</i>	

American History and Government 100 and American History 101 are required for the Provisional Elementary Certificate and the Standard Elementary Certificate. It is recom-

mended that majors and minors in history take also History 102 and History 103, and, if not candidates for a certificate, that these courses be taken before the above mentioned American History. All these courses should, unless by consent of the department, be taken in junior college years.

Besides the above named courses, it is suggested to prospective majors that they take History 308, followed by 305, and Government 212 and 213. History 302 is a required course for majors. A minimum of thirty hours of history and government should be planned by consultation with the major professor. History minors may select, with the consent of the department, their additional work from among other courses in the 200 or 300 groups.

100. AMERICAN HISTORY AND GOVERNMENT, 1492-1850. Three hours. Each semester and summer session. Required of all students for the Standard Certificate.

A brief survey of the foundations of American nationality and government, and their development.

101. AMERICAN HISTORY, 1850 TO THE PRESENT. Three hours. Each semester and summer session. Required of all students for Standard Certificate.

*Prerequisite:* History 100.

Civil War, Reconstruction, development of commercial and industrial expansion, insular possessions, World War and its aftermath.

102. EUROPE, 1500-1815. Three hours. Each semester and summer session.

A brief survey of political, social, and economic conditions of Europe.

103. EUROPE, 1815 TO THE PRESENT. Three hours. Each semester and summer session.

*Prerequisite:* History 102 or History 100.

A brief survey of the political, social, and economic conditions from 1815 to the present.

209. ENGLAND, 1066-1485. Three hours. First semester and summer session.

*Prerequisite:* Junior standing, with nine hours of history and political science (English majors, six hours).

A study of political, social, and economic changes in England.

210. ENGLAND, 1485-1830. Three hours. Second semester and second summer session.

*Prerequisite:* Junior standing, with nine hours of history and political science (English majors, six hours).

A study of the political, social, and economic conditions in England.

211. ENGLAND, 1830 TO THE PRESENT. Three hours. First summer session.

*Prerequisite:* Junior standing, with nine hours of history and political science (English majors, six hours).

212. AMERICAN FEDERAL GOVERNMENT. Three hours. First semester and first summer session.

*Prerequisite:* Six hours of American history.

213. AMERICAN STATE AND LOCAL GOVERNMENT. Two hours. Second semester and second summer session.

*Prerequisite:* Six hours of American history.

217. KENTUCKY HISTORY, PRIOR TO 1865. Three hours. Summer session.

*Prerequisite:* Junior standing, with nine hours of history and political science, including History 100.

The leaders and movements outstanding in the development of Kentucky are emphasized.

219. THE ARTICLES OF CONFEDERATION AND THE CONSTITUTION. Three hours. First semester and spring term.

*Prerequisite:* Twelve hours of history.

Special emphasis is placed on social, economic, and constitutional developments leading to the establishment of our national government.

220. THE OLD WEST, 1763-1829. Two hours. Summer session. Offered 1936.

*Prerequisite:* Junior standing with nine hours of history, including History 100.

Western expansion and its effect on American institutions.

- 300a. FOREIGN GOVERNMENTS. Government of Great Britain. Two hours. First semester.

- 300b. FOREIGN GOVERNMENTS. Governments of France, Germany, Italy, Russia, and Switzerland. Two hours. Second semester.

301. SECTIONAL CONFLICT: LOWER SOUTH, CIVIL WAR, AND RECONSTRUCTION. Three hours. Second semester.

*Prerequisite:* Senior or graduate standing.

A study of leaders, activities, and policies.

302. SPECIAL METHODS IN HISTORY. Two hours. Second semester and summer session.

*Prerequisite:* Twelve hours of history.

A course in problems and technique of teaching history in both grades and high school; also, a critical analysis of the content of present-day courses of study in history.

304. NATIONAL AND INTERNATIONAL PROBLEMS. Two hours. Spring term.

*Prerequisite:* Junior, senior, or graduate standing.

A study of current national and international problems, including proposed methods of settlement.

305. THE REFORMATION. Three hours. Second semester. First summer session, alternating years. Alternated with 308. Offered 1936.

*Prerequisite:* Junior, senior, or graduate standing.

The revival of the study of classical philosophy and literature with consequent changes in religion and government noted.

306. ANCIENT ROME. Three hours. Second semester. Open to English and Latin majors.

The development of government and social institutions of Rome are stressed.

307. ANCIENT GREECE. Three hours. First semester. Open to English and Latin majors.  
The development of the Greeks as the greatest factor in civilization of the ancient world is traced.
308. EARLY EUROPE. Three hours. First semester. First summer session alternating years. Alternated with 305. Offered 1935.  
*Prerequisite:* Junior or senior standing.  
Medieval institutions and the rise of early European nations are emphasized.
310. EUROPE SINCE 1914. Three hours. Second semester.  
A study of the World War and political and social movements.
311. RECENT POLITICAL AND SOCIAL MOVEMENTS IN AMERICA. Three hours. Summer session. Offered 1936. Alternated with 408.  
*Prerequisite:* Twelve hours of history.  
Major problems of the twentieth century.
- 314a. AMERICAN FOREIGN RELATIONS TO 1876. Two hours. First semester.  
*Prerequisite:* Senior or graduate standing.  
This is a study of American diplomatic history in the period covered.
- 314b. AMERICAN FOREIGN RELATIONS FROM 1876 TO THE PRESENT. Two hours. Second semester.  
*Prerequisite:* Senior or graduate standing.  
This is a study of American diplomatic history in the period covered.
315. AMERICAN COLONIAL HISTORY. Three hours. First semester. Offered 1935-36. Alternated with History 401. Lectures and reports.
401. MODERN AMERICAN HISTORY, 1876-1914. Three hours. First semester. Offered 1936-37. Alternated with History 400. Lectures and reports.

402. ENGLAND UNDER THE EARLY STUARTS. Two hours. First semester. Lectures and reports.
403. FRENCH HISTORY. The Reigns of Louis XIII and Louis XIV. Three hours. Second semester. Lectures and reports.
406. THE FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD. Three hours. Summer session. Offered 1936. Alternated with History 407. Lectures and reports.
407. THE PRUSSIAN KINGDOM, 1701-1815. Two hours. Summer session. Offered 1935. Alternated with History 406. Lectures and reports.
408. THE MONROE DOCTRINE. Three hours. Summer session. Offered 1937. Alternated with History 311. Origin, development, and different interpretations.
408. SEMINAR.
410. EUROPE, 1870-1914. Three hours. First semester and first summer session. Political and social conditions as underlying factors of the World War.

## HOME ECONOMICS

Miss Day

Miss Adams

Miss Taylor

Miss Thompson

This department is approved by the Federal Board of Vocational Education for the training of teachers of homemaking. Students completing this course of 133 semester hours of prescribed and elective work and receiving the B. S. degree are eligible to teach in the federally aided high schools of the state. Students majoring in this field will follow the curriculum outlined on page 86.

## COURSE DESCRIPTIONS

*Foods, Nutrition, Child Development, and Management*

100. FOODS I. Three hours. Each semester and summer session.  
*Prerequisite:* Chemistry 100 precedes or parallels.  
This course is organized on the meal basis. A study of the



cost, selection, nutritive value, place in the diet, production of foods, and principles of cookery parallels the laboratory work.

102. HOUSEHOLD EQUIPMENT. Two hours. Second semester and summer session.

*Prerequisites:* Physics 102 and Home Economics 100.

This course deals with the selection, operation, and care of home equipment.

108. HOME MAKING PROBLEMS. Two hours. Each semester. No prerequisite.

This course includes some of the important phases of home economics, foods and nutrition, house design, home management, child study, clothing and textiles, related art, etc. Open to students not majoring in home economics.

200. FOOD ECONOMICS. Two hours. Second semester and summer session.

*Prerequisite:* Home Economics 100.

A study is made of food legislation, production and marketing, food preservation, and the economical use of foods.

206. (104). FOODS II. Three hours. Each semester.

*Prerequisites:* Home Economics 100, 200, and Chemistry. Chemistry 101 should precede or parallel.

A study is made of the family dietary, considering the needs of all members of the groups as to marketing, table service, and economy. In addition, special problems are considered.

300. CHILD DEVELOPEMENT (Child Welfare). Three hours. First semester and summer session.

*Prerequisite:* Junior standing in home economics.

This course deals with fundamentals of inheritance, prenatal care, and care of the child during infancy, pre-school age, school age, and adolescence.

302. DIETETICS. Three hours. Each semester.

*Prerequisites:* Home Economics 206, Biology 230, and Chemistry 202.

This course deals with nutrition and diet in health. The laboratory work includes the preparation of diets for children and adults.

304. HOME MANAGEMENT. Two hours. Each semester.

*Prerequisite:* Junior standing in home economics.

A study is made of management problems of the home.

306. HOME MANAGEMENT HOUSE. Three hours. Each semester and summer session.

*Prerequisites:* Home Economics 102, 302, 304.

The students live in the Home Management House in groups as a family, performing all activities related to home life. The course includes regular class discussions.

308. ADVANCED NUTRITION. Three hours. Second semester.

*Prerequisite:* Home Economics 302.

This course deals with further studies in nutrition and dietetics with special emphasis upon metabolism in abnormal conditions.

312. SOCIAL AND FAMILY RELATIONSHIPS. Two hours. Second semester and first summer term.

*Prerequisite:* Junior or senior standing, including one course each of economics and sociology.

A study is made of the family and home as social institutions.

#### *Textiles, Clothing, and Applied Art*

101. CLOTHING I. Three hours. Each semester and summer session.

*Prerequisite:* Textiles I precedes or parallels.

The course includes a careful study of clothing costs. Practice in selection of suitable designs and fabrics is given, and technique in fundamental construction processes is developed by the making of simple wash garments.

103. APPLIED DESIGN I. Two hours. Each semester and summer session.

No prerequisite.

Fundamental principles governing the use of color, line,

and form are applied specifically to the choice of clothing and house furnishings and to a few simple craft problems.

105. TEXTILES I. Two hours. Each semester and summer session.

No prerequisite.

A study is made of fabrics from the standpoint of fiber, weave, color, finish, weighting, adulteration, and other factors which affect the value of household textiles. Problems in textile buying are also considered.

213 (107). APPLIED DESIGN II. Two hours. Each semester.

*Prerequisite:* Home Economics 107.

A series of problems in different crafts, such as weaving, bookbinding, batik, and leather tooling, forms the basis for further study of design principles and experience in the creation of original designs.

109. (215). COSTUME DESIGN. Two hours. Each semester and summer session.

*Prerequisites:* Home Economics 101 and 107.

The use of dress as an expression of personality and good taste, and the requirements of an adequate wardrobe are studied with relation to the problems of the individual girl. Personal grooming and care of clothes are stressed as essentials of good appearance. Some technique in the representation of original costume designs in color is developed.

201. CLOTHING II. Three hours. First semester and summer session.

*Prerequisites:* Home Economics 101; Home Economics 109 to precede or parallel.

The work of the course consists of flat pattern designing based upon the planning and making of silk and wool garments.

203. HOUSE DESIGN. Three hours. Second semester and summer session.

*Prerequisite:* Home Economics 107.

The course centers around plans for the construction and furnishing of a small house of limited cost. Floor plans, exterior and interior elevations, room plans, and color schemes are

worked out in detail. Some attention is given to the historic backgrounds of architectural detail and furnishings.

207. TEXTILES II. Two hours. First semester.

*Prerequisites:* Chemistry 100 and Home Economics 105.

This course deals with the chemistry of textiles and a continuation of the study of textile economics.

107 (213). HISTORIC DESIGN. Two hours. Each semester and summer term.

*Prerequisite:* Home Economics 103

A study of pattern design, costume, domestic architecture, and furniture of historic periods as related to their influence upon modern design in these fields.

217. CHILDREN'S CLOTHING. Two hours. Second semester.

*Prerequisites:* Home Economics 101 and 109.

This course deals with designing, selecting, and constructing garments for children.

303. CLOTHING III. Three hours. Second semester and summer session.

*Prerequisite:* Home Economics 201.

This is an advanced course in designing in which original designs are executed by modeling on the dress form without the use of any sort of pattern.

#### *Home Economics Education*

317. ORGANIZATION OF VOCATIONAL HOME ECONOMICS. Three hours. First semester and summer session.

*Prerequisite:* Junior standing in home economics.

A study is made of the organization of high school courses, with emphasis on the vocational program.

318. METHODS OF TEACHING VOCATIONAL HOME ECONOMICS. Three hours. Each semester.

*Prerequisite:* Senior standing in home economics. Parallels or precedes directed teaching.

This course deals with a study of the best methods of teaching, preparation, and presentation of lessons.

## INDUSTRIAL ARTS

*Mr. L. T. Smith**Mr. Barnes**Mr. Nalbach*

The primary purpose of this department is to train teachers of industrial subjects for positions in elementary and secondary schools. The common trade courses, as cabinet construction, upholstery and woodfinishing, elementary mechanical, architectural, and free-hand drawing, farm mechanics, and automobile repair, are elective to all students.

School maintenance and construction work conducted by this department provide employment for many students desiring to acquire a knowledge of the mechanical arts and to earn a portion of their expense while in college.

To more adequately provide for this work, a modern, three-story stone building has been erected. In addition to classrooms and school maintenance equipment, adequate provision is made for conducting the industrial arts classes of the Training School in this building. This provides training facilities for prospective teachers. Students majoring in this department will be required to complete the special curriculum in Industrial Arts. Page 89.

## COURSE DESCRIPTIONS

102. ELEMENTARY MECHANICAL DRAWING. Three hours. First semester.

A beginner's course in drafting. Use of instruments and materials, lettering, sketching, and penciling. Working drawings, orthographic projection and auxiliary views, developments and intersections. Emphasis will be placed upon the fundamental principles involved in lettering and good technique. Recitation and laboratory.

103. BENCH WORK. Four hours. First semester.

A beginner's course in bench woodworking. Use and care of common woodworking tools. Use and characteristics of common cabinet woods. One minor and one major project will be required, with emphasis on correct construction and design. Recitation and laboratory.



INDUSTRIAL ARTS BUILDING

## 104. GENERAL SHOP. Two hours. Summer session.

A course designed to introduce the student to the different fields of industrial arts. Emphasis will be placed upon electricity, sheet-metal, wrought iron work, and plumbing. Recitation and laboratory.

## 105. ELEMENTARY PRINTING. Three hours. First semester and summer term.

A beginner's course in printing. The job case, classification and uses of materials and supplies, setting simple articles and ruled designs. Emphasis will be placed upon the fundamental principles involved in designing, setting small jobs, and operating the platen press. Recitation and laboratory.

## 106. WOODTURNING. Three hours. First semester.

Exercises and projects involving spindle, faceplate, and chuck turning. Special emphasis on the use, care, and sharpening of lathe tools. Attention is given to correct designing and finishing of lathe projects. Woods suitable for turning and types of lathes will be studied. Recitation and laboratory.

## 107. GENERAL METAL WORK. Two hours. First semester.

This course consists of elementary metal work of the nature of art metal, sheet metal, and decorative iron work. A study of metal characteristics, uses, etc., is made a part of the course. Projects such as bookends, trays, vases, reading lamps, etc., are emphasized. One project in each unit is required. Recitation and laboratory.

## 108. CABINET CONSTRUCTION. Three hours. Summer session.

Problems in hand woodwork involving the principles of cabinet and furniture making. Discussions on woodworking materials and equipment, shop planning, and the selection of teaching materials. At least one major project is required. Recitation and laboratory.

## 109. CABINET CONSTRUCTION. Three hours. Summer session.

*Prerequisite:* Industrial Arts 108.

Continuation of Cabinet Construction 108, requiring advanced project construction and drill in tool processes. Recitation and laboratory.

## 110. ELEMENTARY MACHINE WOODWORK. Three hours. First semester.

*Prerequisite:* Industrial Arts 103 or 108.

Use, care, adjustments, and operation of woodworking machines in cabinet construction. Emphasis will be placed upon the following machines: Planer, jointer, universal saw, band saw, boring machine, and belt sander. Recitation and laboratory.

## 111. SCHOOL EQUIPMENT. Three hours. Second semester.

This course is planned primarily for teachers and supervisors who are interested in securing a knowledge of elementary handwork and mechanical activities suited to rural school conditions. A study of materials and tools is taken up and the actual construction of projects and school maintenance problems are given major attention. Recitation and laboratory.

## 112. ELEMENTS OF INDUSTRIAL ARTS. Two hours. Each semester.

This course is planned to meet the requirements of those people working for the Provisional Elementary Certificate. It is a general course in industrial arts, with emphasis on those activities suited to the needs of the elementary and rural teacher. Instruction and practice will be provided in woodwork, metalwork, art fibre, tooled leather, and book binding. A brief survey will be made of the more common industrial pursuits and their relation to the school.

## 200. HOUSE PLANNING AND CONSTRUCTION. Three hours. Second semester.

A non-technical course dealing with the problems involved in the design and construction of houses. The types of domestic architecture, building materials, and construction costs are given considerable attention.

## 201a. FARM BUILDING CONSTRUCTION. Three hours. First semester.

This course comprises a study of the common types of farm buildings, including barns, residences, poultry houses, etc. Working drawings are made of roof details, cornices, sills, window

and door construction. Investigations as to cost, adaptability, and use of various building materials are carried on. Each student is required to complete certain specified shop projects involving the performance of mechanical procedures. Recitation and laboratory.

201b (301). FARM EQUIPMENT. Three hours. Second semester.

A study is made of the various common tool processes as adapted to farm mechanics work in the school. Such units as woodwork, forge shop, farm implement repair, and concrete construction make up the laboratory problems of this course. The planning of a farm shop and the making of a course of study in farm mechanics are among the major problems of this course. Recitation and laboratory.

202. FURNITURE DESIGN. Three hours. Second semester.

*Prerequisites:* Industrial Arts 102 and 103.

This course includes a study of the history of furniture making and the influence of various designers in developing certain styles. The problems of design in wood are carefully considered and collection is made of designs for shop projects.

203. THE TEACHING OF SHOP SUBJECTS. Four hours. First semester.

*Prerequisite:* Junior standing in industrial arts.

Methods of teaching the industrial subjects in the elementary and high school, the making and use of instruction sheets, job analysis charts, and shop lesson plans are stressed. Courses of study in the industrial arts are prepared.

204. ADVANCED MECHANICAL DRAWING. Three hours. Second semester.

*Prerequisite:* Industrial Arts 102.

Machine parts, conventional symbols, gears, cams, helix, tracing, blue printing, and isometric drawing. Emphasis will be placed upon technique. Recitation and laboratory.

205. PRINTING. Three hours. Second semester.

*Prerequisite:* Industrial Arts 105.

Advanced problems in composition and platen press work.

Printshop mathematics and simple bookbinding. Emphasis is placed upon design and the technique of operating the platen press. Recitation and laboratory.

301. ARCHITECTURAL DRAWING. Three hours. First semester.

*Prerequisite:* Industrial Arts 200.

This course is planned to give the prospective teacher a knowledge of the fundamental principles of residential architecture. The designing, drawing of plans, figuring the cost of preparing specifications for a residence constitute the laboratory problems. A brief study of the history of architecture is taken up. Recitation and laboratory.

302. ADVANCED MACHINE WOODWORK. Three hours. Second semester.

*Prerequisite:* Industrial Arts 110.

Advanced work planned to familiarize the student more thoroughly with wood-working machinery. Emphasis will be placed upon special cuts, sharpening, adjustments, and care of machines. Recitation and laboratory.

303. ORGANIZATION OF INDUSTRIAL ARTS. Three hours. Summer session.

*Prerequisite:* Junior standing in industrial arts.

The selection, purchase, and installation of equipment for industrial arts in the elementary and secondary schools is studied. Floor plans are prepared for a shop layout and problems pertaining to class organization are discussed.

304. HISTORY OF INDUSTRIAL ARTS. Two hours. Summer session.

*Prerequisite:* Junior standing in industrial arts.

A history of the handwork movement from the monastic curriculum to the present-day educational program.

305. PRINTING. Three hours. Summer session.

*Prerequisites:* Industrial Arts 105 and 205.

A course intended commonly for teachers. Emphasis will be placed upon methods and technique in teaching and special problems in design and linoleum block printing. Recitation and laboratory.

## LATIN LANGUAGE AND LITERATURE

Mr. Grise

Miss Stonecipher

Students majoring in this department will be required to complete from twenty-four to thirty-four hours. Undergraduate minors must have a minimum of eighteen hours. Graduate students electing Latin as a minor may take for credit any course numbered 300 and above, which they have not had in their undergraduate work. The courses will be selected in consultation with the head of the department and on the basis of the student's previous preparation. Only translation and grammar courses may be used in fulfillment of the minimum requirements for majors and minors, and for satisfying the general foreign language requirements for the Bachelor's degree.

## COURSE DESCRIPTIONS

100a. ELEMENTARY LATIN. Three hours. Second semester.

This course is concerned with the acquisition of the fundamental principles of the language and ability to read simple Latin prose. The relation of the Latin vocabulary to English is emphasized. Open to students who have had no high-school Latin.

100b. ELEMENTARY LATIN. Three hours. First summer term.

*Prerequisite:* Latin 100a.

This course is a continuation of Latin 100a. Selections for reading are taken from a wide range of authors. The traditions and history of ancient Rome receive attention. Word study is continued.

100c. CAESAR. Three hours. First semester.

*Prerequisite:* Latin 100b or one year of high-school Latin.

101. CICERO. Three hours. First semester.

*Prerequisite:* Latin 100c or two years of high-school Latin.

The orations and letters of Cicero provide the material for this course. Topics: Structure of a Roman oration; Roman politics and government; Cicero as a lawyer, politician, statesman, and writer; syntax common to Cicero but not so common in Caesar; word study.

102. CICERO. Three hours. Second semester.

*Prerequisite:* Latin 101.

A continuation of Latin 101, but with attention paid not only to the acquisition of material, but also to the best methods of presenting this material to a high-school class.

103. VERGIL. Three hours. Summer session.

*Prerequisite:* Two years of high-school Latin or equivalent.

Books I, II and IV of the Aeneid are read and studied as literature. Attention is given to Roman mythology and religion, scansion of the dactylic hexameter, rythmical reading, Vergil's relation to the Augustan Age, his place in Latin literature, and his influence upon English literature.

104. VERGIL. Three hours. Second semester. Not offered 1935-36.

*Prerequisite:* Latin 103.

This course follows the same general plan as Latin 103. In addition to the study of the Latin as such, however, much attention is given to the organization and presentation of the material on the high-school level.

105. OVID. Three hours. First semester.

*Prerequisite:* Three units of high-school Latin or equivalent.

Selections mostly from the Metamorphoses. Mythology, scansion, and Ovid's place as a writer, receive attention.

106. CICERO, ESSAYS. Three hours. First semester. Not offered 1935-36.

*Prerequisite:* Three units of high-school Latin or the equivalent.

De Senectute and De Amicitia are studied chiefly as literature. Discussions relative to the nature and influence of Roman Philosophic thought are given from time to time. Latin grammar and composition are studied according to the needs of the class.

107. LIVY. Three hours. Second semester.

*Prerequisite:* Three units of high-school Latin or the equivalent.

Selections from Books I, XXI, and XXII are read and studied as a type of Latin historical writing. Subjects for supplementary study: character, sources, and value of Livy's history; topics connected with the material read. Grammar and prose composition.

108. HORACE, ODES AND EPODES. Three hours. Summer session.

*Prerequisite:* Three units of high-school Latin or equivalent.

Most of the four books of Odes and a few of the Epodes are studied. The history of Greek and Roman lyric poetry, the principal meters used by Horace, and his influence upon English poetry are considered.

109. GREEK AND ROMAN MYTHOLOGY. Two hours. Second semester and summer session.

This course is open not only to students in Latin, but is designed to acquaint the non-classical student with the general field of Greek and Roman mythology and to give him a keener appreciation of the literature dealing with material drawn from these sources. No language prerequisite. May not be used in fulfillment of foreign language requirement.

110. LATIN ELEMENT IN ENGLISH. Two hours. First semester.

*Prerequisite:* Two units of high-school Latin or equivalent.

This course deals with the formation of English words derived from Latin, Latin words, phrases, abbreviations in common use, important Latin root-words, Latin prefixes and suffixes in English, spelling of English derivations, the history of the influence of Latin upon English. Intended especially for those preparing to be teachers of Latin and English but valuable for all who desire to improve their knowledge of English.

111. GRAMMAR AND COMPOSITION. Two hours. First semester.

*Prerequisite:* Two units of high-school Latin or equivalent.

This course provides a rapid and complete review of ele-

mentary Latin grammar. Emphasis on inflections and syntax, with practice in translating English into Latin.

201. TEACHERS COURSE IN CAESAR. Two hours. Spring term.

*Prerequisite:* Six to twelve hours of college Latin.

Selections not read in high school provide the material for translation. Special matters of syntax, supplementary reading in English and Latin, and methods of organizing and presenting the material of second-year Latin receive much attention.

202. TACITUS. Three hours. Second semester.

*Prerequisite:* Six to twelve hours of college Latin.

The Germania and Agricola are read. Attention is given to the elements of Tacitus' style and the difference between Ciceronian Latin and that of the Post Augustan Age.

203. ROMAN PRIVATE LIFE. Two hours. Second semester.

*Prerequisite:* Junior standing. A knowledge of language not required.

This course is intended not only for teachers of Latin and those who expect to take a somewhat extended course in this subject, but is planned also for students who desire it as a background for other studies. May not be used in fulfillment of foreign language requirement.

204. TEACHING OF LATIN. Three hours. First summer term.

*Prerequisite:* Six to twelve hours of college Latin.

This course deals with the content and method of high-school Latin, with special attention given to problems arising in the first two years. The following topics indicate the nature of the work: Objectives in Latin study and teaching; reading material for the different years; methods of study and teaching; valuable by-products of the study; illustrative material; textbooks, bibliography, etc.; particular attention to the classical investigation of the American Classical League. May not be used in fulfillment of foreign language requirement.

205. ROMAN ELEGY. Three hours. First semester. Not offered 1935-36.

*Prerequisite:* Six to twelve hours of college Latin.

Selections from Catullus, Propertius, and Tibullus.

206. ADVANCED GRAMMAR AND COMPOSITION. Three hours. Summer session.

*Prerequisite:* Six to twelve hours of college Latin.

This course offers advanced students an intensive study of the more difficult Latin constructions and practice in their use. Considerable emphasis is placed on translation of idiomatic expressions, and some attention is given to the principles governing the development of the Latin language.

300. ROMAN SATIRE. Three hours. Second semester. Not offered 1935-36.

*Prerequisite:* Nine to twelve hours of college Latin, and at least junior standing.

Selections from Horace, Juvenal and Perseus.

301. TEACHERS COURSE IN VERGIL. Three hours. First summer term.

*Prerequisites:* Nine to twelve hours of college Latin, and at least junior standing.

This course represents a study of the complete works of Vergil with translations from Georgics, Eclogues, and the last six books of the Aeneid. Problems connected with the teaching of fourth-year Latin in high school are considered.

302. ROMAN COMEDY. Three hours. First semester.

*Prerequisites:* Nine to twelve hours of college Latin, and at least junior standing.

Two or more plays from Plautus and Terence are read. The development of the Roman drama and its influence on later drama, history of the theatre, etc., are considered.

303. QUINTILIAN. Three hours. First semester. Not offered 1935-36.

*Prerequisites:* Nine to twelve hours of college Latin, and at least junior standing.

Book X of the *Institutio Oratoria* is read entire with selections from other books. In addition to the study of the Latin as such, the following topics are treated: Roman education, literary history, Quintilian's estimates of Latin writers, his summary of preceding educational doctrines as set forth by

Cicero, and his influence on succeeding teachers of Latin and Rhetoric from Donatus to Erasmus and Ascham.

304. LATIN LITERATURE IN TRANSLATION. Three hours. Second semester.

*Prerequisite:* At least junior standing.

The aim of this course is to give students in other fields, as well as in Latin, a broad acquaintance with the great masterpieces of Latin literature. No knowledge of the Latin language is required. May not be used in fulfillment of foreign language requirement.

#### LIBRARY SCIENCE

*Miss Helm*

*Miss Bothe*

The courses in library science are designed to meet the needs of those who desire to qualify as school librarians in junior or senior high schools. Junior, senior, or graduate standing is required for admission to all library science courses.

Application for admission to the department should be made in advance of registration to the head of the department.

Students who wish to make library science their first minor may elect a two-hour course from some other field, subject to the approval of the head of this department.

Students are expected to use a typewriter in connection with their work in library science courses.

#### COURSE DESCRIPTIONS

100. USE OF THE LIBRARY. One hour. First and second semesters.

This course in the use of books and libraries is recommended for all freshmen. It is designed to enable students to use the library more intelligently in pursuing their studies. It includes a study of the use of the card catalog, general reference books, periodical indexes, etc. This is a non-professional course and may not be counted toward fulfillment of requirements for a minor in library science.



- 201 (201a). CATALOGING AND CLASSIFICATION. Two hours.  
First semester.

The aim of this course is to give students a knowledge of the principles of cataloging and classification as applied to the school library. The Dewey Decimal system of classification, subject headings, shelf listing, and cataloging adapted to the school library form the basis of this course. A laboratory period during which students receive practice in classification and cataloging follows the class recitation.

202. SCHOOL LIBRARY ADMINISTRATION (School Library Management). Two hours. First semester.

This course aims to provide the student with a knowledge of methods of organization and administration of high-school libraries. It includes a study of school library standards and equipment, library records and routines, and the care, mending, ordering, and accessioning of books.

- 204 (204a). PRACTICE WORK. Two hours. Second semester.

*Prerequisites:* Library Science 201 and 202.

This course aims to give students actual experience in the various phases of library work. Students are required to work in the library of the Training School and in the various departments of the Teachers College library under the direction of experienced librarians.

205. ADOLESCENT LITERATURE. Two hours. First semester.

The purpose of this course is to give a knowledge of actual books suitable for pupils of junior and senior high-school age. It includes a study of reading interests of the adolescent, the classics and more recent standard books, the reading of many books, and class discussions of their value to the high-school pupil.

- 303 (303a). REFERENCE AND BIBLIOGRAPHY. Two hours. First semester.

This course is intended to give a thorough knowledge of standard reference books for the school library. In addition to the study of dictionaries, encyclopedias, yearbooks, periodical indexes, and special reference books, instruction is also given in

the preparation of bibliographies and in methods of reference work in the school library.

305. BOOK SELECTION. Two hours. Second semester.

The purpose of this course is to acquaint the student with the principles underlying the selection of books and printed material for the high-school library. It includes a study of standard lists which aid the librarian, book publishers, editions, means of evaluation of books, etc.

306. METHODS OF TEACHING THE USE OF THE LIBRARY. Two hours. Second semester.

*Prerequisite:* Library Science 303.

The application of various methods of teaching to instruction in the use of books and libraries, preparation of lessons for teaching, and discussions of methods and devices used in connection with library lessons form the basis for this course.

307. CHILDREN'S LIBRARIES AND LITERATURE. Two hours. Second semester.

*Prerequisite:* English 103, Children's Literature.

This course consists of a study of the history, organization, and management of children's libraries, and of the study of the selection and evaluation of books for children below high-school age. Emphasis is placed on the elementary-school library.

#### MATHEMATICS

<i>Mr. Yarbrough</i>	<i>Miss Howard</i>	<i>Mr. Schell</i>
<i>Mr. Alexander</i>	<i>Mr. Johnson</i>	<i>Miss Strayhorn</i>

Students majoring in mathematics will be expected to take the following courses: Mathematics 102, 103, 106 (202), 107 (201), 204, 205 (301), 302, and 303.

Students making mathematics their minor should take courses 102, 103, 106 (202), 107 (201), and 204.

Under certain conditions, Mathematics 302 and 303 may be taken for credit by graduate students.

## COURSE DESCRIPTIONS

101. TEACHERS ARITHMETIC. Three hours. Each semester, spring term, and summer term.

A course in arithmetic with emphasis on fundamental principles. Attention is given to the analysis of processes into elementary steps with a view to the organization and presentation of the subject matter of arithmetic in the grades. The usual topics of arithmetic are studied and some attention is given to the applications of geometric formulas and to the problems of compound interest and investment.

This course may not be used in fulfillment of the requirements for a major or minor.

102. COLLEGE ALGEBRA. Four hours. Each semester and a summer term.

A rapid review of elementary algebra, followed by a more intensive study of quadratic equations, ratio, proportion, variations, series, logarithms, and the elements of the theory of equations.

103. TRIGONOMETRY. Three hours. Each semester and summer term.

*Prerequisite:* Mathematics 102.

A beginning course, covering the elementary topics of trigonometry.

104. PLANE SURVEYING. Three hours. Second semester.

*Prerequisite:* Mathematics 103.

The theory of plane surveying is studied in connection with the actual working out of field problems.

This course may not be used in fulfillment of the requirements for a major or minor.

105. SOLID GEOMETRY. Two hours. Second semester.

Not open to students who have had solid geometry in the high school.

The principal theorems of solid geometry supplemented by the solution of originals.

This course may not be used in fulfillment of the requirements for a major or minor.

- 106 (202). PLANE ANALYTIC GEOMETRY. Three hours. First semester and first summer term.

*Prerequisites:* Mathematics 102 and 103.

A study of the straight line, the conic sections, and some common higher plane curves.

- 107 (201). THEORY OF EQUATIONS. Three hours. First semester and first summer term.

*Prerequisites:* Mathematics 102 and 103.

A beginning course in the theory of algebraic equations.

204. CALCULUS I. Five hours. Second semester and summer session.

*Prerequisite:* Mathematics 106 (202).

An introductory course in differential and integral calculus.

- 205 (301). SOLID ANALYTIC GEOMETRY. Two hours. Second semester and second summer term.

*Prerequisites:* Mathematics 106 (202) and 107 (201).

The straight line in space, the plane, the conicoids, and the general equation of the second degree in three variables.

302. CALCULUS II. Three hours. First semester and first summer term.

*Prerequisite:* Mathematics 204.

A course designed to follow Mathematics 204, and extending the study of differential and integral calculus to more advanced topics.

303. DIFFERENTIAL EQUATIONS. Three hours. Second semester and second summer term.

*Prerequisite:* Mathematics 302.

The theory and the methods of solution of ordinary differential equations with some applications to geometry and physics.

- 401a. ADVANCED CALCULUS. Two hours. First semester and first summer term.

*Prerequisite:* A course in elementary calculus.

Fundamental principles and processes of calculus, with some applications.

401b. ADVANCED CALCULUS. Two hours. First semester and second summer term.

*Prerequisite:* Mathematics 401a.

A continuation of Mathematics 401a.

402. PARTIAL DIFFERENTIAL EQUATIONS. Two hours. First semester.

*Prerequisite:* Mathematics 303 or its equivalent.

Methods of solution of some of the more common types of partial differential equations.

403. HIGHER ALGEBRA. Two hours. Second semester.

Properties of polynomials, determinants and matrices, linear transformations, and elements of the theory of invariants.

404a. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. Two hours. Second semester.

*Prerequisites:* Mathematics 401a and 401b.

Fundamental properties of single-valued analytic functions, and other selected topics are studied.

404b. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. Two hours. Second semester.

*Prerequisite:* Mathematics 404a.

A continuation of Mathematics 404a.

430. SEMINAR. Two hours. First semester.

431. SEMINAR. Two hours. Second semester.

#### MILITARY SCIENCE

*Lieut. Col. John A. Robenson*                      *Sergeant Alger Hanks*  
*Major H. W. Schmid*

The Department of Military Science offers a progressive course of four years, two years of which are devoted to basic training and two years to advanced instruction. A student who has completed the Basic Course in any senior R. O. T. C. unit is

eligible to take the Advanced Course. Students enrolled in the Advanced Course receive the commutation of subsistence of \$7.50 to \$12.00 per month during the junior and senior years of their college course. In addition the advanced student receives a commutation of uniform and is sent to one camp of six weeks duration for which he receives seventy-five cents per day, transportation to and from camp, board, lodging and medical attention.

Upon satisfactory completion of the four-year course the student is eligible for a commission as second lieutenant in the Organized Reserve Corps.

The credits allowed for Military Science may be used in partial fulfillment of elective requirements for any certificate or bachelor's degree granted by the institution.

#### COURSE DESCRIPTIONS

100. FIRST YEAR MILITARY SCIENCE. Basic I. One and one-half hours. First semester.

Military customs and courtesy, National Defense Act, organization, and first aid.

102. FIRST YEAR MILITARY SCIENCE. Basic II. One and one-half hours. Second semester.

Map reading, leadership, command, and physical training.

104. SECOND YEAR MILITARY SCIENCE. Basic III. One and one-half hours. First semester.

A study of infantry weapons, musketry, combat principles, and guard duty

106. SECOND YEAR MILITARY SCIENCE. Basic IV. One and one-half hours. Second semester.

Scouting and patrolling, leadership, command and physical training.

201. ADVANCED MILITARY SCIENCE. First year. Three hours. First semester

Logical combat orders and combat principles.

202. ADVANCED MILITARY SCIENCE. First year. Three hours. Second semester

Weapons, aerial photography and field fortifications.

301. ADVANCED MILITARY SCIENCE. Second year. Three hours. First semester.  
Military history, military law and signal communications.
302. ADVANCED MILITARY SCIENCE. Second year. Three hours. Second semester.  
Company administration, combat principles, combat intelligence, and Organized Reserve Regulations.

## MODERN LANGUAGES

Miss Woods  
Miss Clagett

Mr. McChesney  
Miss Moore

## FRENCH

The courses in French are planned to meet the needs of three groups of students: those majoring or minoring in the subject with a view to teaching it in high school, students using French in fulfillment of the language requirement for the degree, and people who desire a knowledge of a language for use in other studies. The first two groups should begin French in their freshman year, and should take the first three courses in successive semesters if possible.

Requirements for a Major: Twenty-four to thirty hours, twelve to eighteen of which must be in the senior college field. Six hours in intermediate courses are required, except in the case of students presenting four years of high-school French. Students majoring in French and presenting no high-school units in French must complete six hours in elementary work. All majors must complete French 200, or a satisfactory substitute.

Requirements for a Minor: A minimum of eighteen hours, with at least six hours in the senior college field.

## COURSE DESCRIPTIONS

100. ELEMENTARY FRENCH. Three hours. Each semester, spring term, and first summer term.

The power of silent and oral reading and a general knowledge of France are the objectives of the two elementary courses. Translation and questions check comprehension. The

study of pronunciation, vocabulary, and grammar is emphasized by oral and written exercises, which form a preparation for complete development later.

101. ELEMENTARY FRENCH, Continued. Three hours. Each semester and each summer term.

*Prerequisite:* French 100.

102. INTERMEDIATE FRENCH. Three hours. Each semester, spring term, and each summer term.

*Prerequisite:* French 101

Development of the reading power in different types of works, aided by oral and written exercises is the objective of the four intermediate courses. Modern prose and classic plays are read in class; outside reading is selected from novels, short stories, histories, and essays in science, art, music, etc.

103. INTERMEDIATE FRENCH, Continued. Three hours. Each semester and summer term.

*Prerequisite:* French 102 or two high-school units.

104. INTERMEDIATE FRENCH, Continued. Three hours. First and second semesters.

*Prerequisite:* French 103 or three high-school units.

(French 104 may be substituted for 103 in second semester.)

105. INTERMEDIATE FRENCH, Continued. Three hours. First semester and second summer term.

*Prerequisite:* French 103 or three high-school units.

200. PHONETICS. Three hours. Second semester.

*Prerequisite:* Six to twelve hours of college French.

Phonetics gives the student a scientific basis for the correction of his own pronunciation and for teaching pronunciation. Analysis of separate sounds with oral practice both in class and with the phonograph out of class is followed by the study of connected speech with the same oral practice.

201. COMPOSITION. Three hours. First summer term.

*Prerequisite:* Six to twelve hours of college French.

Elementary grammar is reviewed and consolidated.

202. NINETEENTH CENTURY FRENCH ROMANTICISM. Three hours. First semester.

*Prerequisite:* Nine to fifteen hours of college French.

The development of Romanticism is studied. The important works of the dramatists and poets are read intensively while those of the novelists and prose writers are read extensively. The objectives of all advanced literature classes are: knowledge of the literary development of the period, experience in using critical material, increased power of comprehension and appreciation, and acquaintance with many books suitable for high school. The power of oral and written expression is also developed.

203. NINETEENTH CENTURY FRENCH REALISM. Three hours. Second semester and second summer term.

*Prerequisite:* Nine to fifteen hours of college French.

The development of Realism and the reactionary period at the end of the century are studied. The important works of the dramatists and poets are read intensively, while those of the novelists and short story writers are read extensively.

204. SEVENTEENTH CENTURY FRENCH CLASSICISM. Three hours. First semester.

*Prerequisite:* Six to twelve hours of college French.

The development of classicism is studied. The important words of the dramatists and prose writers are read intensively, and critical and source material on the period is read extensively.

301. TEACHING OF FRENCH IN HIGH SCHOOL. Three hours. First summer term. Not offered 1935-36.

*Prerequisite:* Nine to fifteen hours of college French.

Methods and materials are studied, with particular attention to the Modern Language Investigation of 1930.

302. SURVEY OF FRENCH LITERATURE. Three hours. First semester. Not offered 1935-36.

*Prerequisite:* Nine to fifteen hours of college French.

The development of literature from Middle Ages through the eighteenth century is studied. Characteristic poetry, drama,

and prose of each period are read intensively and critical material is read extensively.

303. SURVEY OF FRENCH LITERATURE, Continued. Three hours. Second semester, even years.

*Prerequisite:* French 104 or 105, or not less than three high-school units.

The development of literature from the nineteenth century to the present is studied. Characteristic poetry and drama are read intensively, and novels and short stories are read extensively.

#### GERMAN

The work in German is planned at present to meet the needs of two groups of students: those presenting German in fulfillment of the language requirement for the degree, and those who want a reading knowledge of German to use in the prosecution of other studies.

#### COURSE DESCRIPTIONS

101. ELEMENTARY GERMAN. Five hours. First semester.

Pronunciation, grammar, and vocabulary are studied, with oral exercises and reading of simple prose.

102. ELEMENTARY GERMAN, Continued. Five hours. Second semester.

*Prerequisite:* German 101 or one high-school unit.

The work of German 101 is continued, with reading of modern prose and a brief study of the relation of German to English in language and literature.

103. INTERMEDIATE GERMAN. Two hours. First summer term and first semester.

*Prerequisite:* German 102 or two high-school units.

Modern prose is read intensively; extensive reading is done in books relating to the student's major field.

Note.—Additional courses in German will be given on sufficient demand.

## MUSIC

*Mr. Richards*  
*Mr. Strahm*

*Miss Allen*  
*Mr. Johnson*

*Mr. Perry*  
*Mrs. Travelstead*

The Department of Music is maintained to meet the needs of students who are preparing to teach or supervise music, or to organize and direct glee clubs, choruses, bands, and orchestras in grade schools, high schools, and colleges.

Public school music is intended to provide a broad and thorough training, without which successful teaching and consequent adequate results, according to modern standards, are impossible. The position of music as a regular branch of the school curriculum is no longer debatable. There is a constant demand for highly trained teachers for this particular type of work.

The opportunity is provided for those students who desire individual lessons in piano, voice, violin, and other orchestral and band instruments, and for those interested in various courses adapted to their individual interests and needs.



MUSIC HALL

The College Orchestra and Band offer excellent training. Instrumental music is being stressed, and more and more attention is being given not only to the organization of bands and orchestras, but to class instruction on various instruments. All music majors and minors must be members of the College Chorus, Glee Club, Orchestra, or Band each semester.

Members of the College Band and Orchestra are excused from the required courses in physical education during the time they are regular members of these organizations.

The Music Club meets once a month. All music majors are required to attend; music minors are entitled to membership.

## PUBLIC SCHOOL MUSIC

A four-year course leading to the Bachelor's degree and the Provisional High School certificate is offered in public school music. This course includes all the studies necessary for the supervision and teaching of music in the primary and intermediate grades, and in the high school.

All public-school music majors are required to:

1. Give a demonstration of reasonable proficiency on the piano, and of the playing of simple accompaniments and hymn tunes.
2. Have acceptable singing voice.
3. Play one string and one wind instrument.
4. Earn at least one semester hour in the College Chorus, one semester hour in the Glee Club, and one semester hour in the Band or Orchestra.

Students desiring to complete a four-year course in public school music leading to a Bachelor's degree, will pursue the sequence of courses outlined on page 90. Students desiring to minor in public school music will complete six hours in methods and additional courses approved by the head of the department.

## APPLIED MUSIC

The growth in orchestral and band training has created a greater demand for specially trained teachers and supervisors. In the smaller school system one supervisor is usually expected

to direct both the instrumental and the vocal music, while in the larger school system, teachers are engaged for separate departments. To meet this demand, a special curriculum for the training of instrumental supervisors and leading to the Bachelor's degree has been organized.

The courses in applied music are offered through individual and class instruction. Lessons are given in piano, voice, violin, and instruments of the band and orchestra. The courses range from the most elementary to such advanced work as may be warranted by the training and ability of the students. No college credit will be given for work of a lower grade than that indicated in the first year of the courses outlined on page 187ff. Students enrolled for college courses in these subjects must evince upon entrance, or must attain by study during residence, sufficient musicianship to enable them to profit by the courses undertaken.

Students desiring to complete the four-year course leading to the Bachelor's degree will meet the requirements outlined on page 92. Students desiring to minor in applied music will complete six hours of harmony, and at least sixteen additional hours in approved courses.

Each course in applied music carries a credit of two semester hours for two lessons per week with two hours of practice each day. Students of advanced standing approved by the head of the department and majoring in applied music may increase this credit up to a maximum of four hours, depending upon the number of lessons and hours of practice per week.

All majors in applied music will register each semester for one of the courses indicated below. The student's credit card filed in the Registrar's office will indicate the amount of credit and name of his major instrument.

First Year	Third Year
First Semester: 150	First Semester: 250
Second Semester: 151	Second Semester: 251
Second Year	Fourth Year
First Semester: 152	First Semester: 350
Second Semester: 153	Second Semester: 351

The following pages give a more definite description of the general character of the studies in applied music.

## PIANO

- First Year: Czerny's 40 Daily Studies; Bach, two-part Invention; Mendelssohn, Songs without Words;  
 Music 150  
 Music 151 Kuplan and essay; Mozart Sonatas; various pieces, classic and romantic school.
- Second Year: All scales in parallel and contrary motion;  
 Music 152 Pisehna 60, technical exercises; Burgmueller,  
 Music 153 Etudes op. 109; Bach, three-part Inventions; Cramer-Buelow, forty Select Studies; Sonatas, Mozart; compositions by Chopin, Grieg, Brahms, Schubert and various other composers.
- Third Year: Technical studies by Philips: Bach, Well Tempered Clavichord; Clementi, Gradus ad Parnasum; Kronke, Special Etudes; Beethoven, Sonatas; Grieg, Sonatas; compositions by Chopin, Liszt, Rubenstein; Mozart, Concertos and modern pieces.
- Fourth Year: Czerny, School of Virtuoso; Mayer, Concert Etudes; Chopin, Etudes; Beethoven, Sonatas and Concertos; the more difficult compositions by Liszt, Mendelssohn, Raff, Grieg, Brahms; study of Repertoire; modern pieces; frequent public appearance required.

## VOICE

The purpose of the course in voice is to acquaint the voice student with the principles and methods in singing, which are essential to the student who expects to become a music supervisor. The voice is the organ of human speech and should never be used apart from utterance. This conception forms the basis upon which all of our singing is founded. No fixed vocal studies or vocalises are used, but much drill and vocal technique are given.

- First Year: Principles of technique and method; special  
 Music 150 study of throat anatomy; interpretation of song;  
 Music 151 fundamental breathing; easy repertoire.

- Second Year: Breathing exercises; principles of technique  
 Music 152 continued; legato, major and minor scales; more  
 Music 153 extensive study repertoire.
- Third Year: Vocal breathing exercises; principles of audience  
 Music 250 psychology; diction, execution, and resonance;  
 Music 251 repertoire of more advanced songs and public  
 appearances are required.
- Fourth Year: Study of oratorio; Handel, Hayden, Mendels-  
 Music 350 sohn, etc.; songs of early opera; repertoire and  
 Music 351 the art of program building; recital work.

## VIOLIN

- First Year: Studies, Schradieck, Wohlfahrt, Fischel, Hrim-  
 Music 150 lay, Kayser; solos, Sitt Dancsa, Bohm; ensemble  
 Music 151 playing, orchestra.
- Second Year: Seveik finger exercises; Hrimlay scale studies;  
 Music 152 studies, Kayser, Mazas, Kreutzer, Seveik; bow-  
 Music 151 ing technique; solos, Ries, Leonard, Debriot;  
 concertos, seitz, De Beriot, Accolay, Rode; en-  
 semble playing, orchestra.
- Third Year: Studies, Fiorilli, Rode, Vieuxtemps; scale  
 Music 250 studies, Seveik, scales and arpeggios; concertos,  
 Music 251 Mozart, Bach, Viotti, Wieniawski; ensemble  
 playing, orchestra.
- Fourth Year: Studies, Seveik, Sauret, Rode, Rovelli, Gavines;  
 Music 350 sonatas, Bach, Beethoven, Handel; concertos,  
 Music 351 Wieniawski, Vieuxtemps, Mendelssohn, Bruch;  
 solos, Hubay, Sarsate, Brahms, Kreisler; en-  
 semble playing, orchestra.

## BAND AND ORCHESTRAL INSTRUMENTS

- First Year The first year's work is devoted chiefly to tone  
 Music 150 production, breath control, tonguing, articula-  
 Music 151 tion and scale studies. Great emphasis is placed  
 on tone quality. Standard works are used as a  
 basis for the complete course, and many songs  
 and solos are added from time to time to augment  
 the technical studies.

- Second Year: The second year's study is devoted largely to  
 Music 152 sight reading, slurring, accents, note groups, and  
 Music 153 further scale studies. Sight reading and tone  
 quality receive great emphasis.
- Third Year: The third year's work is devoted largely to  
 Music 250 velocity, relaxation, trill, sight reading, with  
 Music 251 greater emphasis on technique.
- Fourth Year: The fourth year's work is devoted chiefly to  
 Music 350 technique, sight reading, expression, power, en-  
 Music 351 durance, transposition, with emphasis on inter-  
 pretation. Many solos are added to make a com-  
 plete repertoire.

## COURSE DESCRIPTIONS

100. ROTE SONGS AND THEORY OF MUSIC (Public School). Two  
 hours. First semester and first summer term.

A general school-music course for rural-school and elementary teachers. This course consists of sight-singing, ear-training, melody-writing, teaching of rote songs, leading of community songs, care of monotones, development of the child's voice, procedure and attainments, with special emphasis upon the type of work needed by elementary grade teachers. Also detail study is made of the most widely used song books and music texts. The course gives a broad, but practical, introduction to the subject of teaching music in rural-school and elementary grades.

101. MUSIC METHODS AND MATERIAL FOR PRIMARY GRADES. Two  
 hours. First semester and first summer term.

*Prerequisite:* Music 100.

The study and demonstration of music materials from the kindergarten through the first three years; song literature suitable for small children; tone quality, diction interpretation, methods of teaching rote songs, care and treatment of the child voice are carefully considered; dramatizing songs as interpretations; action songs to promote sense of rhythm and meter. Each member of the class will be required to read music at sight, to



sing from memory a repertoire of children's songs, and to demonstrate ability to present them effectively. Special attention will be given to tone production, enunciation, atmosphere, facial expression, and phrasing.

102. MUSIC METHODS AND MATERIALS FOR INTERMEDIATE GRADES.

Two hours. Second semester and summer session.

*Prerequisite:* Music 101.

Concerned with the music material of the upper grades. The songs, sight reading, history, and appreciation for grades four, five, and six are carefully studied. This course is planned to aid in acquiring ability to read rather difficult music and in teaching music to the children of these grades.

103. HARMONY. Three hours. First semester and first summer term.

*Prerequisite:* Music 100. Knowledge of piano keyboard; also bass clef.

Review of scales and a thorough drill in the reading and hearing of intervals. Introduction of primary triads, the dominant seventh chord, and simple modulation.

104. HARMONY. Three hours. Second semester and second summer term.

*Prerequisite:* Music 103.

Further practice in simple modulation, irregular treatment of the sevenths and their inversion, secondary seventh chords, modulation to more remote keys, chromatic passing tones, in-harmonic changes.

105. SIGHT SINGING AND MELODIC DICTATION. Two hours. Second semester and first summer term.

*Prerequisite:* Music 100.

Scale and rhythmic drills, simple sight reading, with Latin syllables of diatonic and chordal progression; oral and written dictation in conjunction with the sight reading.

107. SIGHT SINGING AND MELODIC DICTATION. Two hours.

First semester and each summer term.

*Prerequisite:* Music 106.

Continuation of Music 106. Introduction of chromatic

tones and more advanced rhythmic patterns: written tonal and metric dictation involving major, minor, and chromatic melodies.

108. SINGING FOR GRADE SCHOOL TEACHERS. One hour. First semester.

*Prerequisite:* Consent of instructor.

The purpose of this course is to help the teachers in rural and grade schools to correct the voice production in singing and speaking, and to learn to sing songs that will be used in the elementary grades.

112. JUNIOR CHORUS. One hour. Each semester.

This course is open to students of less advanced standing in choral training. It is a complete unit with cultural benefits. The chorus appears frequently in concerts. Additional credits may be earned and recorded as 112a, 112b, 112c, etc.

113. GIRLS GLEE CLUB. One hour. Each semester.

*Prerequisite:* Ability to sing in tune, to read music, and artistic interpretation.

Study of the best two-, three- and four-part musical compositions. Additional credits may be earned and recorded as 113b, 113c, etc.

118. MISCELLANEOUS APPLIED MUSIC. One hour. Each semester.

*Prerequisite:* Consent of instructor.

This course involves a directed study of the instruments of band and orchestra. It is designed for those majoring in instrumental supervision, and serves as a basis for the advancement of students to the College Band and Orchestra.

119. INTERMEDIATE BAND. One hour. Each semester.

*Prerequisite:* Music 118, or the equivalent.

Marches, waltzes, and simple overtures are studied and performed.

120a. ADVANCED BAND. One hour. Each semester and summer term.

*Prerequisites:* Music 119 or equivalent, and consent of instructor.

All music majors are required to enroll in either 212a, 121, or 120a. The College Band is a selected group of limited membership devoted to the study of the best band literature. This organization gives public performances and supplies music for college functions. Membership is open to any student throughout the year by written approval of the director after individual conference. Additional credits may be earned and recorded as 120b, 120c, etc.

121. ADVANCED ORCHESTRA. One hour. First and second semesters.

*Prerequisite:* Ability to play some orchestral instrument satisfactorily.

This course is open to students in any department of the college. Acceptance for the course is on written approval of the instructor. The College Orchestra offers to the student a training in the art of ensemble. The student is also given an acquaintance with the best orchestral literature. Two or more performances are given each year, frequently combined with the College Chorus, in presenting works of professional magnitude. Additional credits may be earned as 121b, 121c, etc.

204. MUSIC APPRECIATION. Three hours. Second semester and first summer session.

*Prerequisite:* Music 100.

This course provides a practical opportunity to become familiar with the best music. The presentation shows the types of musical literature as well as the development of form in music. Various records are used for illustrative purposes.

210. SIGHT SINGING AND HARMONIC DICTATION, VOCAL AND INSTRUMENTAL. Two hours. First semester and second summer term.

*Prerequisite:* Music 107.

Completion of this course requires individual power and

skill sufficient to sing at sight with Latin syllables and the text all music suitable for the grades and high school.

211. ADVANCED PART SINGING AND HARMONIC DICTATION WITH MODULATIONS, VOCAL AND INSTRUMENTAL. Two hours. Second semester.

*Prerequisite:* Music 210.

This course requires the ability to sing at sight any music suitable for high school or college. Oratorio scores are read and studied.

212a. COLLEGE CHORUS. One hour each semester.

The college chorus offers to the student a special training in vocal ensemble and is open to all students in the college. The course deals with the production of standard works such as oratorios, cantatas, mass, and opera. The student is given an acquaintance with the best choral literature and is taught to build proper ideals in ensemble work. Additional credits may be earned and recorded as 212b, 212c, etc.

213. ADVANCED HARMONY. Three hours. First semester and first summer term.

*Prerequisite:* Music 103.

Harmonization of given melodies, use of all chords, inversions of dominant seventh chord, altered and mixed chords including the Neapolitan sixth.

Continuation of Music 103.

222. APPLIED MUSIC (Woodwind). One hour. Each semester.

This course is designed especially for students who major or minor in applied music. They will receive instruction in clarinet for a period of one semester. This course may be applied on requirements for the first minor instrument. Two class lessons each week. Additional credits may be earned and recorded as 222b, 222c, etc.

223. APPLIED MUSIC (Brass). One hour. Each semester.

This course is designed especially for students who major or minor in applied music. They will receive instruction in

brass instruments for a period of one semester. This course may be applied on requirements for the first minor instrument. Two class lessons each week. Additional credits may be earned and recorded as 223b, 223c, etc.

224. APPLIED MUSIC (Percussion). One hour. Each semester.

This course is designed for a directed study and an introduction to the instruments of percussion for a period of one semester. The course may be applied on requirements for the first minor instrument. Two class lessons a week. Additional credits may be earned and recorded as 224b, 224c, etc.

225. APPLIED MUSIC (String). One hour. Each semester.

This course is designed especially for students who major or minor in applied music. They will receive instruction in string instruments for a period of one semester. This course may be applied on requirements for the first minor instrument. Two class lessons a week. Additional credits may be earned and recorded as 225b, 225c, etc.

300. SUPERVISION OF MUSIC IN THE GRADES. Three hours. First semester and first summer term.

*Prerequisites:* Music 101 and 102.

This course consists of a study of methods of music for the first six grades of the elementary school. Special attention is given to the presentation of the different tonal and rhythmic problems as they are taken up in successive years. The work of each year is studied in detail, and the following topics considered: Reading of music, use of rote songs, length and frequency of the recitation period, instruments taught, class methods of teaching, etc.

301. METHODS OF TEACHING MUSIC IN JUNIOR AND SENIOR HIGH SCHOOLS. Three hours. Second semester and second summer term.

*Prerequisite:* Music 300.

This course is devoted to the teaching and supervision of music in the junior and senior high schools. The following topics indicate the general nature of the work: The planning

of the music curriculum for high schools, the testing and care of the adolescent voice, the organization of chorus and orchestra, materials for public performances, methods of arousing interest in the high school music, etc.

302. CONDUCTING. Two hours. First summer term and second semester.

*Prerequisite:* Music 106, 107, or equivalent.

The technique of the baton is first studied—learning the mechanical expression of various rhythms; directing from vocal score; directing from full score; seating plans for chorus, orchestras, and other combinations; and finally leading to the conducting of choral material suitable for senior-high and adult choruses assigned by the instructor.

303. COMMUNITY SINGING. Three hours. Second semester and first summer term.

*Prerequisite:* Music 300, 301, or the equivalent.

This course involves a special study of music and morale; music and democracy; the organization of community singing clubs in the rural districts; conducting community singing; building of programs; community singing in America, England, Wales, Germany, Russia, France, and the Netherlands.

305. HISTORY OF MUSIC. Three hours. Second semester and first summer term.

*Prerequisite:* Music 204.

This course consists of a study of the history of the development of music from its beginning in primitive time. It also includes a brief survey of music to the present time. The general work of the course is supplemented by assigned reading and phonographic and instrumental illustrations.

307. COUNTERPOINT. Two hours. First semester.

*Prerequisites:* Music 213; also a moderate ability to play the piano.

Simple counterpoint in two and three parts; exceptional progressions; association of two melodic lines; rhythmic diversity; combination of second and third species.

308. COUNTERPOINT. Two hours. Second semester.

*Prerequisite:* Music 307.

Continuation of Music 307. Four-part counterpoint; florid counterpoint; fourth species modulation; altered scale steps; combination of all species.

311a. FUNCTION AND TECHNOLOGY OF MUSICAL INSTRUMENTS.

Two hours. First semester.

*Prerequisite:* Music 118 or equivalent.

This course treats of the compass and characteristics of the various orchestral instruments, including a study of bowing, fingering, phrasing, and tone production; suitable music for school orchestras; score reading and interpretation. All instruments studied and demonstrated.

311b. METHODS OF ORGANIZING AND CONDUCTING GLEE CLUBS, CHORUSES, BANDS AND ORCHESTRAS. Three hours. Second semester.

*Prerequisite:* Music 311a, or permission of instructor.

This course involves a study of the organization and administration of the high school band and orchestra; selection of materials suitable for grade and high school; rehearsal routine and problems of conductor, procedure, attainments, and program planning. The student will study and conduct these materials when assigned by the instructor.

312a. ORCHESTRATION AND COMPOSITION. Two hours. First semester.

*Prerequisites:* Music 311a, 308, and an amount of applied music satisfactory to the instructor.

Scoring for the brass or woodwind instruments in small combinations with other instruments; also scoring for string instruments, for strings in combination with other instruments, and for full orchestra.

312b. ORCHESTRATION AND COMPOSITION. Two hours. Second semester.

*Prerequisite:* Music 312a.

Continuation of Music 312a.

313. INSTRUMENTAL FORM AND ANALYSIS. Two hours. First semester and second summer term.

*Prerequisite:* Junior standing.

A survey course of instrumental literature. The different periods of instrumental writing, with special stress on the backgrounds and the moulding influences, are stressed.

314. THE CHILD VOICE. Three hours. First semester and second summer term.

*Prerequisites:* Music 101-102-301, and consent of the instructor.

The physiology of the voice is studied; registers of the voice; how to secure tones; training the ear to detect faults of production as revealed in tone quality; analysis of vowel sounds; analysis of consonants; breathing, how to correct and how to recognize; compass of the child voice; position, attack, and articulation.

315. SONG LITERATURE AND APPRECIATION FOR ELEMENTARY GRADES. Two hours. Second summer term.

*Prerequisite:* Music 101-102.

This course is designed to familiarize the student with the best songs suitable for children and to develop the student's skill in interpretation.

316 (214). ADVANCED HARMONY. Three hours. Second semester and second summer term.

*Prerequisite:* Music 213.

Practical applications in harmonization of melodies, non-harmonic tones, advanced problems in chromatics and modulation, figured and unfigured basses, analysis of hymns, songs and choral works.

317. CLASS PIANO METHODS. Two hours. Second semester and first summer term.

*Prerequisite:* Senior or graduate standing.

This course is devoted to the study of methods of teaching piano classes and how to organize and conduct class work in the elementary and intermediate grades.

401. MODERN MUSIC AND ITS BACKGROUNDS. Two hours. Second summer term.

*Prerequisite:* Music 305.

An intensive study is made of modern developments, with special reference to the composers of France, Russia, and Germany and their constructional features.

402. THE ROMANTICISTS. Two hours. First summer term.

*Prerequisite:* Music 305.

An intensive study is made of the music of the Romantic period in Germany and France; the rise of Virtuosity and Romanticism; and American musical development.

403. ADVANCED COMPOSITION. Two hours. Summer session.

*Prerequisites:* Music 213, 307, and graduate standing.

This course consists of practical composition in the simpler forms including contrapuntal forms, based on sonatas, two and three part inventions and well tempered clavichord.

404. CHORD ANALYSIS. Two hours. Second semester.

*Prerequisites:* At least an undergraduate minor in music and graduate standing.

This course covers a study of the acapella compositions, cantatas, and oratorio literature, as well as the madrigal, glees, mottets, etc., of the English and the Netherland schools.

## PENMANSHIP

*G. G. Craig*

Penmanship 101 is recommended for all applicants for the Provisional Elementary certificate and is required of all applicants for the Standard Elementary certificate who do not show proficiency in the subject as determined by a standard handwriting scale. Those showing such proficiency will be released from this requirement by the head of the Penmanship Department.

### COURSE DESCRIPTIONS

101. METHODS IN PENMANSHIP. Two hours. Each semester and summer term.

This course is intended to prepare teachers in the methods

and technique of teaching and executing rapid, legible, arm movement handwriting in all the grades. Execution is taught as demonstrated method, and method is taught in practical application. An effort will be made to acquaint the teachers with grade standards, grade materials, kinds of scales, and scoring of papers. Students are permitted to acquire a Teachers' Penmanship certificate.

102. LETTERING AND ENROSSING. Two hours. Offered on demand.

This course is to prepare teachers to do practical lettering in any of the usual conventional broad-pen alphabets. Some of the alphabets taught are: E-Z Letters, Modified Roman, Old English, and Engrossers' Script. Teachers taking this course should be prepared to fill in diplomas and certificates, to engross resolutions, make honor rolls, letter mottoes, and engross their own Certificate of Merit.

## PHYSICAL EDUCATION AND HEALTH

<i>Mr. Anderson</i>	<i>Miss Ellis</i>	<i>Miss Roemer</i>
<i>Mr. Diddle</i>	<i>Mr. Francis</i>	<i>Mr. Stonsbury</i>
	<i>Miss Redd</i>	<i>Mr. Terry</i>

The institution makes provision for the health interests of all students, and for a program of physical education that affords each student an opportunity to engage in some form of activity suitable to individual needs, interests, and abilities. The Department of Health and Physical Education is administratively responsible for, and fosters the following programs:

a. HEALTH EDUCATION

b. PHYSICAL EDUCATION

c. A PROFESSIONAL CURRICULUM for the training of teachers, coaches, supervisors, and directors of health and physical education.

Facilities for the above programs are ample. A modern health and physical education building, constructed of native white stone, 150 feet wide and 225 feet long, was dedicated in 1931. In addition to the main gymnasium floor, there are an

facilities consist of a concrete football stadium which will seat 8,000 persons, practice fields, a baseball diamond, tennis courts, a quarter-mile cinder track, and space for other out-of-door sports. A modern swimming pool 60 feet wide and 120 feet long was opened in 1932.



PHYSICAL EDUCATION BUILDING

The college recognizes a dual responsibility in matters pertaining to health. First, is the responsibility for the personal health of students; and second, inherent in its nature, is the responsibility for training teachers to supervise the health education program for school children.

#### HEALTH EDUCATION

The personal health of students is provided for by instruction in hygiene, by supervision of sanitation, by control of communicable diseases, and by health examinations, follow-up, and remedial measures.

A health clinic, in charge of a graduate nurse, is main-

tained free of charge to students. Health examinations of all entering students are conducted at the beginning of each semester by specialists in various fields. As a consequence, many adjustments are made that improve the health of students and insure greater progress in their school work. Regular health inspections of children in the Training School are conducted.

A well-equipped infirmary, in charge of a graduate nurse, is maintained in West Hall. Its services are free to residents of the dormitories.

Student teachers are trained in methods of protecting the health of school children by assisting in the health inspections of children in the Training School and by special courses in general and school hygiene.

#### PHYSICAL EDUCATION

The physical education and recreational activities of students are provided for by the following programs: (1) Physical education; (2) intramural sports; and (3) intercollegiate athletics.

A thorough medical examination is prerequisite for participation in all activity courses and for membership on athletic teams.

#### REQUIRED PHYSICAL EDUCATION

All freshmen and sophomore students are required to register in one physical activity course during each of the first four semesters they are enrolled in the college. Courses numbered 100a-b and 150a-b are designed to meet this requirement. They aim, among other things, to develop sufficient skill to engage, with at least average proficiency, in several forms of activity; to form the habit of participation in recreational activity; to develop the highest organic efficiency in each individual; and to foster the ideals of sportsmanship and other social qualities which make for good citizenship.

Members of the Reserve Officers Training Corps and of the College Band may be excused from physical education during their period of membership in any of these organizations.

Regulation uniforms are required for both men and

women. These may be purchased from the College Bookstore. Students should not arrange for uniforms until after meeting with the instructor at the beginning of a term.

A fee of \$2.00 per semester is charged for the use of a locker and for other privileges. Upon return of the lock in good condition 75 cents of this fee will be refunded.

#### INTRAMURAL SPORTS

Under the direction of regular members of the staff, assisted by student managers, a broad program of individual and team sports is offered. A variety of indoor and outdoor sports is provided in their proper seasons.

#### INTERCOLLEGIATE ATHLETICS

Intercollegiate athletics are directed by a member of the department, and all teams are coached by regular members of the college faculty. The institution has always been noted for the character and quality of its athletic teams. Increased facilities and an enlarged staff insure greater achievements in the future. Intercollegiate athletic contests are played in football, basketball, baseball, track, tennis, and golf.

Western is a member of the Southern Intercollegiate Athletic Association and observes the rules of that body. The one-year residence rule for eligibility is in force, although a limited number of contests in each sport are permitted with freshmen teams of other institutions.

#### PROFESSIONAL CURRICULUM

For those who wish to complete a major in health and physical education, or for any student who desires to secure materials in those fields, a curriculum comprising theory and practice courses is offered. Students completing this curriculum are entitled to the Bachelor of Science degree and Provisional High School certificate provided they meet all general institutional requirements for the degree, as outlined on page 81.

The following are the requirements for a major or minor in health and physical education:

Requirements for a Major: 32 semester hours. (See page 81 for general curriculum for high school teachers.)

- a. Basic science courses: Biology 220, (222), and 230.
- b. Auxiliary course: English 105.
- c. Health education: 115, 255, 260, 351.
- d. Physical education: 151, 152, 154, 240, 250, 251, 252, 310, 320, and 355, and seven hours from the following courses: 102, 103, 105, 111, 112, 114, 116, 117, 206, 212, 213, 214, 215, 271, and 272.

Requirements for a Minor: 18 semester hours.

- a. Basic science course: Biology 230.
- b. Health education: 115, 260.
- c. Physical education: 151, 152, 154, 250, 251, and 252.

In addition to these courses five hours may be elected from health education, physical education, or both.

Major students are required to wear regulation uniforms in all activity courses. These uniforms may be purchased from the College Bookstore.

#### REQUIRED PHYSICAL EDUCATION COURSES

##### *Courses for Women*

100a-b. FRESHMAN PHYSICAL EDUCATION. One-half hour. Each semester and summer session.

These courses consist of natural gymnastics, marching, games, rhythms, and self-testing activities. Students are classified on the basis of interest and ability.

150a-b. SOPHOMORE PHYSICAL EDUCATION. One-half hour. Each semester and summer session.

These courses are a continuation of 100a-b, but are more advanced. Students must have acquired proficiency in at least three recreational activities by the end of the sophomore year.

##### *Courses for Men*

100a-b. FRESHMAN PHYSICAL EDUCATION. One-half hour. Each semester and summer session.

These courses consist of natural gymnastics, marching, games, sports, and self-testing activities.

150a-b. SOPHOMORE PHYSICAL EDUCATION. One-half hour.

Each semester and summer session.

These courses are a continuation of 100a-b but are more advanced. Students must have acquired proficiency in at least three recreational activities by the end of the sophomore year.

#### PROFESSIONAL COURSES

##### *Health Education*

115. SCHOOL HYGIENE AND SAFETY EDUCATION. Two hours. Second semester and summer session.

This course includes school health supervision, school sanitation, heating, lighting, health inspection, and control of communicable diseases. Aid to the injured and prevention of accidents on the playground, in the gymnasium, and in the home are given special attention.

255. PERSONAL AND GENERAL HYGIENE. Two hours. First semester and summer session.

This is an advanced course in personal and general hygiene. The most vital problems which the individual faces in adjusting to his or her environment are discussed.

260. METHODS OF TEACHING HEALTH. Two hours. Second semester and summer session.

The purpose of this course is to familiarize students with the modern conception of health education and to present methods and materials in teaching health education to school children.

351. HEALTH EXAMINATIONS AND PHYSICAL DIAGNOSIS. Two hours. First semester and summer session.

*Prerequisites:* Biology 222, 230.

This course includes the following topics: Demonstration and practice in taking weights and measurements; differentiation between normal and abnormal conditions in the human body; health inspections and examinations; recording of personal and family history.

#### *Physical Education Courses*

##### *Open to Women Only*

102 (202). BASKETBALL FOR WOMEN. One hour. First semester.

Theory and practice in playing and coaching the game. Fundamentals and various types of offense and defense are demonstrated and discussed.

103 (203). SOCCER. One hour. Second half of second semester.

This course includes the rules, technique of playing soccer, and methods of coaching this sport.

105. ELEMENTARY FOLK DANCING. One hour. Each semester and summer session.

Swedish, German, Danish, Norwegian, Russian, English, and American dances are presented.

111 (201). FIELD HOCKEY. One hour. First half of first semester.

This course includes rules, technique of playing hockey, and methods of teaching this sport.

114. BEGINNING CHARACTER DANCING. One hour. Each semester and summer session.

This course includes the fundamental tap routines, clog, athletic, and character dances.

116. ADVANCED CHARACTER DANCING. One hour. Second semester and summer session.

This course is a continuation of 114. More difficult character dances are presented.

117 (205). ADVANCED FOLK AND NATIONAL DANCING. One hour. Each semester and summer session.

*Prerequisite:* Physical Education 105.

This course is a continuation of 105. More difficult folk and national dances are presented.

206. NATURAL AND INTERPRETIVE DANCING. One hour. First semester.

*Prerequisite:* Physical Education 105.

Fundamental rhythms and dance combinations, interpret-



ing moods and movements suggested by classical music are given.

308. ADVANCED NATURAL AND INTERPRETIVE DANCING. One hour. Second semester.

*Prerequisite:* Physical Education 206.

This course is a continuation of 206. Advanced dance combinations are presented. Students will be required to do original work in dance interpretation.

#### Courses Open to Men Only

212. FOOTBALL COACHING. One and one-half hours. First half of first semester and summer session.

This course covers the fundamentals, passing, kicking, blocking, tackling, and individual techniques of offense and defense; discussions and illustrations of various types of offensive and defensive systems and the psychology of coaching. The course also covers schedule making, and a study of the rules and problems in training and conditioning teams.

213. BASKETBALL COACHING. One and one-half hours. Second half of first semester and summer session.

Special emphasis is given to the fundamentals, passing, shooting, dribbling, feinting, and pivoting; styles of offense and defense used by leading coaches; equipment, conditioning of teams, and the handling of the team in games. Lectures, demonstrations, and practice.

214. BASEBALL COACHING. One hour. Second half of second semester and summer session.

This course covers pitching, catching, batting, fielding, baserunning, individual position and team play, signals, and coaching methods. Lectures, demonstrations, and practice.

215. COACHING TRACK AND FIELD SPORTS. One hour. Second half of second semester and summer session.

Accepted methods of sprinting, distance running, hurdling, jumping, pole vaulting, shot putting, and discus and jav-

elin throwing are discussed and demonstrated. Programs for conditioning and training are outlined. Lectures, demonstrations, and practice.

#### Courses Open to Men and Women

112. TENNIS. One hour. Second half of second semester and summer session.

This course includes instruction in rules, fundamentals of tennis, and arranging tournaments.

151. GAMES AND SPORTS. One hour. First semester.

Involves the rules, fundamentals, and organization of play in handball, archery, volleyball, cageball, shuffleboard, and touch football.

152. GAMES AND SPORTS. One hour. Second semester.

Involves the rules, fundamentals, and organization of play in badminton, horseshoes, baseball (indoor), ping pong, and aquatic games.

154. PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS. Two hours. Each semester and summer session.

This course includes the organization of physical education activities for the elementary school. Games of low organization, stunts, rhythmic, and athletic games suitable for the different grade levels are discussed. Opportunity to teach these activities is afforded, and the program for rural schools is emphasized.

161. BEGINNING SWIMMING. One hour. Summer session.

The following techniques are included in this course: Back float, face float, elementary back stroke, scull, and side strokes.

162. INTERMEDIATE SWIMMING. One hour. Summer session.

*Prerequisite:* 161, or equivalent.

The following techniques are included in this course: Review of underarm side stroke, and instruction in overarm side stroke, crawl, trudgeon, and beginning diving.

163. ADVANCED SWIMMING. One hour. Summer session.

*Prerequisites:* 161, 162 or equivalent.

The following techniques are included in this course: Sprint, racing back, trugdeon crawl, and breast strokes; diving and life saving.

208. COMMUNITY RECREATION AND PLAYGROUND SUPERVISION.

Two hours. Second semester.

The purpose of this course is to prepare teachers as leaders in community recreation. Students will be made familiar with such organizations as Girl Scouts, Boy Scouts, and Girl Reserves. Activities appropriate for playground and community social gatherings will be presented.

240. HISTORY OF PHYSICAL EDUCATION. Two hours. First semester and summer session.

The purpose of this course is to acquaint students with the development of physical education from the earliest recorded facts concerning man's activity. Special emphasis is placed on the history of physical education in America.

250. PRINCIPLES AND PROGRAMS OF HEALTH AND PHYSICAL EDUCATION. Two hours. First semester and summer session.

This course deals with the principles underlying modern physical education from the standpoint of general education. Each student will contribute in some manner to the construction of a program for a practical situation. Lectures, discussions, reports.

251. TUMBLING, STUNTS, AND APPARATUS. One hour. First semester and summer session.

Instruction and practice are provided in tumbling, stunts, pyramid building, and in the use of light and heavy apparatus. Materials which may be used in grades, secondary schools, and colleges will be presented. Separate sections for men and women.

252. HEALTH AND PHYSICAL EDUCATION FOR SECONDARY SCHOOLS. Two hours. Second semester and summer session.

*Prerequisites:* 151, 152, 251.

This is a theory and practice course designed to review

the materials presented in Physical Education 151, 152, 251; to provide methods of teaching the various activities suitable for high school students; and to offer instruction in organizing the materials presented into practical programs for secondary schools.

263. METHODS OF TEACHING SWIMMING. One hour. Summer session.

*Prerequisites:* 161, 162, 163, or equivalent.

This course includes instruction in the technique of teaching swimming and diving. Students will be given an opportunity to teach under supervision.

271. GAMES AND SPORTS. One hour. First semester.

Involves the rules, fundamentals, and organization of play in basketball, speedball, paddle tennis, boxing, and wrestling.

272. GAMES AND SPORTS. One hour. Second semester.

Involves the rules, fundamentals, and organization of play in quoitennis, golf, track and field events, and field ball.

310. APPLIED ANATOMY. Two hours. First semester.

*Prerequisites:* Biology 222, 230.

A theory course in the science of muscular movements. The mechanics of the larger superficial muscles of the body will be studied and the practical application of this made as it relates to physical education in general, and corrective exercises and specific sports in particular.

320. RESTRICTED AND CORRECTIVE PHYSICAL EDUCATION. Two hours. Second semester.

*Prerequisite:* 310.

This course deals with restricted activity programs for those who are below par physically, and with therapeutic measures and exercises designed to prevent and correct postural and other abnormal conditions. Lectures, demonstrations, and practice.

355. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION. Two hours. Second semester and summer session.

*Prerequisites:* Physical Education 115, 250, 260.

The principles, objectives, and methods of organizing programs of health and physical education in public schools, colleges, and recreational centers are discussed. Practice will be given in outlining and setting up administrative plans for various practical situations.

### PHYSICS

*Mr. Page*

*Mr. Forman*

The Department of Physics occupies space on the third floor of Recitation Hall. Separate laboratories for elementary and advanced courses are provided. These laboratories are modernly equipped with experimental facilities, including water, gas, direct and alternating current. The apparatus is of the latest design and of precision type for the more advanced courses. Most of this apparatus is owned in duplicate sets in order to facilitate laboratory work. Also there is an adequate supply of demonstration apparatus.

Majors are expected to present twenty-seven hours of physics, including Physics 202. Minors will present eighteen hours of courses that come in sequence.

### COURSE DESCRIPTIONS

100a. GENERAL PHYSICS. Five hours. Each semester and summer session.

This course covers the field of mechanics, properties of matter, and heat in an elementary way. Lecture three days and laboratory two days per week.

101a. GENERAL PHYSICS. Five hours. Each semester.

This course is the second half of General Physics and covers magnetism, electricity, sound, and light in an elementary way. Lecture three and laboratory two days per week.

100b. GENERAL PHYSICS. Five hours. Each semester and summer session.

*Prerequisite:* High-school physics.

This course covers the field of mechanics, properties of

matter, and heat. Lecture three and laboratory two days per week.

101b. GENERAL PHYSICS. Five hours. Each semester.

*Prerequisite:* High-school physics.

This course is the second half of general physics and covers the field of magnetism, electricity, sound, and light. Lecture three and laboratory two days per week.

102. HOUSEHOLD PHYSICS. Three hours. First semester.

This course is given for majors in home economics. It covers the elements of physics, with special emphasis on household appliances. Those taking this course are not eligible to enter Physics 100 (a or b) or 101 (a or b). Lecture two and laboratory one day per week.

200. MECHANICS AND HEAT. Five hours. First semester and even summer sessions.

*Prerequisites:* Mathematics 102, Physics 100 (a or b) and Physics 101 (a or b).

This course covers the field of mechanics and heat, with emphasis on the development of formulae and the solving of problems. Lecture three and laboratory two days per week.

201. MAGNETISM AND ELECTRICITY. Five hours. Second semester and odd summer sessions.

*Prerequisites:* Mathematics 102, Physics 100 (a or b) and Physics 101 (a or b)

This course covers the field of magnetism and electricity, with emphasis placed on the development of formulae and the solving of problems. Lecture three and laboratory two days per week.

202. TEACHING OF HIGH SCHOOL PHYSICS. Three hours. First summer term.

*Prerequisites:* Physics 100 (a or b) and Physics 101 (a or b).

This course deals with the presenting of physics in the high school-field and a study of the equipment of the laboratory. Lecture three days per week.

203. LIGHT. Three hours. First semester, even years.

*Prerequisites:* Physics 100 (a or b) and Physics 101 (a or b).

This course covers the subject of reflection, refraction, optical instruments, color, etc., and ends with a short study of radiation. Lecture two days and laboratory one day per week.

300. HEAT. Three hours. First semester.

*Prerequisite:* Physics 200.

This course takes up the advanced theories of heat and a study of the laws of thermodynamics. Lecture two days and laboratory one day per week.

301. ELECTRICITY. Three hours. Second semester.

*Prerequisite:* Physics 201.

This course covers the subject of electricity, with emphasis on alternating current. Lecture two days and laboratory one day per week.

303. MODERN PHYSICS. Three hours. First summer term.

*Prerequisites:* Physics 200 and Physics 201.

This course deals with the recent advances and theories in physics with reference to atomic structure, x-ray, radio activity, etc. Lecture three days per week.

## PSYCHOLOGY

*Mr. Billings*

*Miss Johnson*

Required courses in psychology:

1. Introduction to Psychology 102 is required of all students graduating from either a two-year or a four-year course.
2. Educational Psychology 107 and the Psychology of Childhood 305, are required of all students majoring in elementary education or administration and supervision.
3. Social Psychology 307 is recommended by the Department of Economics and Sociology for all students majoring in this field.

## COURSE DESCRIPTIONS

102. INTRODUCTION TO PSYCHOLOGY. Three hours. Each semester and summer term.

*Prerequisite:* Second semester standing.

The biological foundation of behavior, native tendencies, emotions, different types of learning, and the various mental functions are studied.

107. EDUCATIONAL PSYCHOLOGY. Three hours. Each semester and summer session.

*Prerequisite:* Psychology 102.

The original equipment of man and its modification and the psychology of learning with its application to educational practices are studied. One hour of this course is devoted to laboratory work to acquaint the student with experimental methods and technique, and to aid him in the interpretation of experimental literature.

305. PSYCHOLOGY OF CHILDHOOD. Two hours. Second semester and first summer term.

*Prerequisites:* Psychology 102 and junior standing.

Infant equipment, the origin of different sorts of behavior and experiences, and their development into adult forms are studied. Open to graduate students.

306. PSYCHOLOGY OF ADOLESCENCE. Two hours. First semester and first summer term.

*Prerequisites:* Psychology 102 and junior standing.

A study of the maturation of the physical and personal traits and the development of the habits of thinking with the aim of aiding in predicting, directing, and controlling adolescent behavior.

307. SOCIAL PSYCHOLOGY. Two hours. Second semester and second summer term.

*Prerequisites:* Psychology 102 and junior standing.

The psychology of human relationships, including social instincts, the importance of suggestion, crowds, conventions, customs, nationalism, morale, and social progress is studied.

308. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS. Two hours. First semester.

*Prerequisites:* Psychology 102 and junior standing.

A study of the psychology of the learning processes involved in each of the elementary school subjects with an attempt to point out the pupil's difficulties in each, the best methods of overcoming these difficulties, and psychological reasons for the special methods to be pursued. Open to graduate students.

309. PSYCHOLOGY OF SECONDARY SCHOOL SUBJECTS. Two hours. Second semester.

*Prerequisites:* Psychology 102 and junior standing.

The same plan as given under course 308, Psychology of Elementary School Subjects, applied to the secondary school subjects is followed.

317. APPLIED PSYCHOLOGY. Two hours. First semester.

*Prerequisites:* Psychology 102 and junior standing.

Psychology applied to motivation, learning, business, including advertising, selling, hiring, etc., administration, selling one's self, medicine, law, etc., will be studied. Open to graduate students.

318. EXCEPTIONAL CHILDREN. Two hours. First semester.

*Prerequisites:* Psychology 102 and junior standing.

The various types of mental deficiency, speech defects, left-handedness, special gifts, deafness, blindness, cognital word-blindness, and delinquency with their causes and suggested methods of handling them are studied. Open to graduate students.

319. ABNORMAL PSYCHOLOGY AND MENTAL HYGIENE. Two hours. Second semester.

*Prerequisites:* Psychology 102 and junior standing.

First one-half semester. Abnormal behavior is studied to give the student a better understanding of normal behavior, to lay a foundation for mental hygiene and to train persons interested in children how to direct them in their behavior so as to

avoid many of the abnormalities of character and personality. The type of abnormalities, their causes, symptoms, and treatment are studied.

Second one-half semester. The fundamental principles of mental health which are essential for the prevention of feeble-mindedness, insanity, and nervous breakdown, and which are essential for the proper training of children and adults to insure efficiency, normal mental health, and happiness, are studied.

402. ADVANCED EDUCATIONAL PSYCHOLOGY. Two hours. Second summer term.

*Prerequisites:* Psychology 102 and junior standing.

The different psychological theories, the psychological methods and technique, the experimental literature upon which elementary courses are based, and recent researches are studied.

REVISED LIST OF LABORATORY FEES - 1936-37

Art 102	Art Education in the Elementary School	.50
Agri. 206	Agricultural Analysis	2.00
Agri. 208	Soil Physics	2.00
Biol. 105	General Biology	2.00
Biol. 110	Botany I	2.00
Biol. 210	Agri. Bact.	2.00
Biol. 211	Household Bacteriology	2.00
Biol. 215	Plant Path.	1.00
Biol. 120	Zoology I	2.00
Biol. 221	Vert. Anat.	2.00
Biol. 222	Vert. Anat.	2.00
Biol. 225	Econ. Ent.	1.00
Biol. 300	Plant Phys.	2.00
Biol. 320	Gen. Entom.	1.00
Biol. 325	An. Microtech	1.00
Chem. 100a,b	(General) (each)	2.00
Chem. 101a,b	" "	2.00
Chem. 102	Qualitative	2.00
Chem. 201	Quantitative	2.00
Chem. 201a	"	2.00
Chem. 202	Food	2.00
Chem. 250	Organic	2.00
Chem. 302	Organic	2.00
Chem. 251	Biochemistry	2.00
Chem. 361	Physical	2.00
Geog. 101	Principles of Geography	.50
Geog. 111	Earth's Feat. and Mean.	2.00
Geog. 121	Ele. of Meteorol. and Clim.	2.00
Geog. 212a	Hist. Geology	2.00
Home Econ. 100	Foods I	4.00
Home Econ. 105	Text. I	2.00
Home Econ. 213	Applied Design II	1.00
Home Econ. 200	Food Econ.	2.00
Home Econ. 206	Foods II	5.00
Home Econ. 207	Text. II	1.00
Home Econ. 302	Dietetics	1.00
Home Econ. 308	Adv. Nutrition	3.00
Phys. 100a,b	General Physics (each)	2.00
Phys. 101a,b	" " "	2.00
Phys. 102	Household Physics	1.00
Phys. 200	Mechanics, Etc.	2.00
Phys. 201	Magnetism "	2.00
Phys. 203	Light	1.00
Phys. 300	Heat	1.00
Phys. 301	Electricity	1.00
Ph. Ed. 100a,b	(Subj. to 75¢ refund)	1.00
Ph. Ed. 150a,b	" " " "	1.00
Ph. Ed. 161, 162, 163 and 263		1.75

INCIDENTAL FEE for residents of Kentucky is \$25 a semester;  
residents of other states pay \$40 a semester.

WESTERN KENTUCKY UNIVERSITY  
ARCHIVES