

HOME ECONOMICS

FIRST YEAR

First Semester		Second Semester	
Chemistry 73.....	4	Chemistry 74.....	4
Foods and Cooking 21....	4	Foods and Cooking 22....	4
English 21.....	3	English 28.....	3
Psychology 21.....	3	Principles of Elementary Education 22.....	3
Sewing 23.....	2	Sewing 24.....	2
Physical Training 27.....	½	Physical Training 28.....	½
	<u>16½</u>		<u>16½</u>

SECOND YEAR

First Semester		Second Semester	
School Organization 23... 3		History of Education 26.. 3	
Representative Drawing 21 2		Dressmaking 26b..... 2	
Sanitation and Health 21.. 3		Textiles 27b..... 1	
Dressmaking 26a..... 2		Advanced Foods and Cook- ing 28..... 4	
Textiles 27a..... 1		Household Chemistry 78.. 3	
Teaching of Home Eco- nomics 71..... 3		Household Management 34 2	
Practice Teaching and Ob- servation, Ed. 33..... 2		Practice Teaching and Ob- servation, Ed. 34..... 2	
Physical Training 29..... ½		Physical Training 30..... ½	
	<u>16½</u>		<u>17½</u>

INDUSTRIAL ARTS

(Manual Training)

FIRST YEAR

First Semester		Second Semester	
English 21.....	3	English 28.....	3
Shop Drawing 61.....	4	Shop Drawing 62.....	3
Wood Shop 63.....	2	Wood Shop 64.....	3
Elements of Industries 23 2		Representative Drawing 21 2	
Psychology 21.....	3	Principles of Elementary Education 22.....	3
Concrete Construction 75 2		Shop Mathematics 65.....	3
Physical Training 27.....	½	Physical Training 28.....	½
	<u>16½</u>		<u>17½</u>

SECOND YEAR

First Semester		Second Semester	
Trigonometry 60.....	4	School Organization 23... 3	
Elementary Design 73.... 3		Ceramics 68..... 3	
Forge Shop 66.....	4	History of Education 26.. 3	
Shop Drawing 67.....	2	Pattern Making 74..... 3	
Teaching of Industrial Arts 71.....	2	Educational Sociology 36.. 2	
Practice Teaching and Ob- servation, Ed. 33.....	2	Practice Teaching and Ob- servation, Ed. 34.....	2
Physical Training 29.....	½	Physical Training 30.....	½
	<u>17½</u>		<u>16½</u>

PUBLIC SCHOOL MUSIC

FIRST YEAR

First Semester		Second Semester	
Elements of Music 21.... 3		Elements of Music 22.... 3	
English 21.....	3	English 28.....	3
Psychology 21.....	3	Principles of Elementary Education 22.....	3
Piano 25.....	2	Piano 26.....	2
History of Music 37.....	3	History of Music 38.....	3
Singing 29.....	2	Singing 30.....	2
Physical Training 27.....	½	Physical Training 28.....	½
	<u>16½</u>		<u>16½</u>

SECOND YEAR

First Semester		Second Semester	
Advanced Piano 31.....	2	Advanced Piano 32 or Advanced Singing 34... 2	
Advanced Singing 33.....	2	Harmony 36.....	3
Harmony 35.....	2	Music Appreciation 24.... 2	
Music Appreciation 23... 3		History of Education 26.. 3	
School Organization 23... 3		Teaching of Public School Music 28.....	3
Teaching of Public School Music 27.....	3	Practice Teaching and Ob- servation, Ed. 34.....	2
Practice Teaching and Ob- servation, Ed. 33.....	2	Physical Training 30.....	½
Physical Training 29.....	½		
	<u>16½</u>		<u>15½</u>

MATHEMATICS

22—ARITHMETIC

The principles, processes, and applications of arithmetic are studied from the point of view of the teacher of the subject. Both semesters. Credit, 3 hours.

24—THE TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL (GRADES 1-6 INCLUSIVE)

The aims of arithmetical instruction in the elementary school, and the curriculum and teaching processes through which these aims are realized. Both semesters. Credit, 1 hour.

26—THE TEACHING OF MATHEMATICS IN THE GRAMMAR GRADES AND JUNIOR HIGH SCHOOL (GRADES 7-9 INCLUSIVE)

The reorganization of the mathematics of the seventh, eighth and ninth school years. The aims, curriculum and methods. Both semesters. Credit, 1 hour.

Note—Students cannot take both 24 and 26 for credit towards a diploma, but must choose the course in which they are especially interested.

60—TRIGONOMETRY

Prerequisite: Algebra through Progressions and Plane Geometry. First semester. Credit, 4 hours.

61—COLLEGE ALGEBRA

Prerequisite: Algebra through Progressions and Plane Geometry. Second semester. Credit, 4 hours.

62—ANALYTIC GEOMETRY

Prerequisite: Mathematics 60 or equivalent. Second semester. Credit, 4 hours.

63—DIFFERENTIAL CALCULUS

Prerequisite: Mathematics 60, 61, and 62 or equivalent. First semester. Credit, 4 hours.

64—INTEGRAL CALCULUS

Prerequisite: Mathematics 63 or equivalent. Second semester. Credit, 4 hours.

65—MODERN GEOMETRY

First semester. Credit, 2 hours.

66—HISTORY OF ELEMENTARY MATHEMATICS

Second semester. Credit, 2 hours.

71—THE TEACHING OF SECONDARY MATHEMATICS

This course treats of the aims, organization, and methods of teaching Algebra and Geometry. First semester. Credit, 2 hours.

MUSIC

20—ELEMENTARY MUSIC

20a. The principles of musical structure; study of notation, sight reading, dictation, and melody writing. First semester. Credit, 1 hour.

20b. Continuation of 20a with particular reference to the lower grades including rote songs, rhythm, and tone work. Second semester. Credit, 1 hour.

20c. Continuation of 20b with particular reference to the upper grades including the chromatic scale, minor scale, part-singing and bass clef. First semester. Credit, 1 hour.

21-22—ELEMENTS OF MUSIC

This course deals with the elements of music, rote singing, the facts of time and tune with their staff representation, leading to sight-reading of one, two and three-part music. It will also include oral, tonal, and written dictation. The year. Credit, 6 hours.

23-24—MUSIC APPRECIATION

Designed to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminately. The course is copiously illustrated by the best examples on the victrola and player-piano. The year. Credit, 4 hours.

25-26—PIANO PLAYING

Technical and interpretative studies in piano playing. Work in sight reading to cultivate accurate accompanying in song and hymn singing. Individual and class work. Two lessons and six to twelve hours' work required each week. Fee for use of piano \$3.00. The year. Credit, 4 hours.

27-28—TEACHING OF PUBLIC SCHOOL MUSIC

General principles of teaching school music. An outline of the work of the various grades, choice and use of material, children's voices, and interpretation. Prerequisite: Music 21-22. The year. Credit, 6 hours.

29-30—SINGING

Fundamental principles of voice building; correct poise, with proper breathing; blended scale, diction, and vocal studies. Individual and class work. Two lessons and six to eight hours work required each week. The year. Credit, 4 hours.

31-32—ADVANCED PIANO PLAYING

The development of piano technique. Study of the more difficult piano literature of the old and modern masters. Individual and class work. Two lessons and six to twelve hours' work required each week. Fee for use of piano \$3.00. The year. Credit, 4 hours.

33-34—ADVANCED SINGING

The development of vocal technique. Continuation of vocal studies and song interpretation. Individual and class work. Two lessons and six to ten hours' work required each week. The year. Credit, 4 hours.

35-36—HARMONY

The fundamental principles of the theory of Music. The subdivisions of the subject are as follows: scales, intervals; triads, sixth, seventh, and ninth chords with their inversions; cadences, and modulation; harmonizing melodies. Prerequisite: Music 21-22. The year. Credit, Course 35, 2 hours; Course 36, 3 hours.

37-38—HISTORY OF MUSIC

This course includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; the polyphonic era. The history of the opera, oratorio, cantata, symphony, and various other forms are studied in detail. The year. Credit, 5 hours

PHYSICAL EDUCATION AND HYGIENE

21—SANITATION AND HEALTH

A study of the conditions upon which health depends and the best way to secure the formation of hygienic habits. It includes dietetics, harm of drugs and stimulants, muscular activity, care of the sense organs, prevention of colds, ventilation, water supply and drainage, modes and sources of infection, school sanitation and the hygiene of instruction. Credit, 3 hours.

25—TEACHING OF PHYSICAL TRAINING AND PLAY

- (a) Play activities are classified according to the interests of age, sex, and purpose. A comprehensive view of the whole field of playground activities is given.
- (b) A study of the various systems of physical training now in use; the use of commands, the presentation of new material criticism, and the management of classes. Credit, 3 hours.

26—MECHANICS AND PHYSIOLOGY OF EXERCISE

- (a) A study of the action of muscles and joints in the various bodily movements; the causes and effects of bad posture with methods of detecting and correcting the same.
- (b) A study of the nature and effect of muscular activity; its effect upon the heart, blood vessels, digestion, respiration, nervous system, etc. Credit, 3 hours.

27—PUBLIC SCHOOL GYMNASTICS AND GROUP GAMES

During the first six weeks the work is outdoors and consists of games. The last twelve weeks are devoted to gymnastics. First semester, first year. Credit, ½ hour.

28—PUBLIC SCHOOL GYMNASTICS AND FOLK DANCING

A continuation of Course 27, and elementary folk dances. Second semester, first year. Credit, ½ hour.

29—ADVANCED GYMNASTICS AND FOLK DANCES

First semester, second year. Credit, ½ hour.

30—FOLK DANCING AND ATHLETICS

Second semester, second year. Credit, ½ hour.

ROSA M. WENSINGER
Assistant Librarian

Graduate of Fremont High School; Student, Kindergarten Training School, Ohio University, Athens, Ohio; Student, Library Training School, Chautauqua, N. Y.; Student, University of Michigan, Course in Library Methods. Assistant in Library of Ohio University, Athens, Ohio; Kindergarten Teacher, Fremont Public Schools; Assistant in Birchard Library, Fremont, Ohio; Assistant Librarian, State Normal College, Bowling Green, Ohio; 1916-1919.

JOHN W. ZELLER
Department of History

A. B., Ohio Northern University; Ph. B., Ph. M., Mount Union College; Ph. D., Findlay College. Teacher in rural and village schools; Superintendent of Schools, DeGraff and Findlay; State School Commissioner; County Superintendent; Institute Instructor; Head of Department of History, State Normal College, Bowling Green, Ohio, 1915—

GLEN P. VINSON
Financial Clerk

Graduate, Lima High School, Lima, Ohio; Graduate, Lima Business College, Lima, Ohio; Student, Kenyon College, Gambier, Ohio. Accounting Department, The Lima Locomotive Works, Lima, Ohio; Financial Clerk, State Normal College, Bowling Green, Ohio, 1918-1919.

MARION GRIFFETH
Clerk

Graduate, Bowling Green High School, Bowling Green, Ohio; Student, Davis Business College, Toledo, O. Stenographer, business and law offices; Clerk, State Normal College, Bowling Green Ohio, 1914-1919

PEARL HEISER
Stenographer

Student, Bowling Green High School, Bowling Green, Ohio; Student, Davis Business College, Toledo, Ohio; Teacher of Piano and Pipe Organ; Stenographer, State Normal College, Bowling Green, Ohio, 1919—

ADDITIONAL SUMMER SCHOOL FACULTY

Ione Breese, Teacher, Wapakoneta, English

D. C. Bryant, A. M., Superintendent of Schools; Bowling Green, History

Bertha Jacobs, A. M., Teacher, Bowling Green High School, History

Margaret Lehmann, R. N., Graduate Nurse, Bowling Green, Home

Nursing

J. S. Mendenhall, Chief Scout Master, Toledo, Scouting

Arema O'Brien, A. M., Teacher, Bowling Green High School, English

Charles C. Peters, Ph. D., Professor, Ohio Wesleyan University,

Education

Cora Purdy, Supervisor, Montclair, N. J., Physical Education

O. Eldora Ragon, Instructor, Oberlin College, Public School Art

Grace A. Turkington, A. M., Author "My Country", Community Civics

Mrs. Grace Walker, B. S., Instructor, Ohio State University, Home

Economics

Helen Waugh, Ph. B., Teacher, Bowling Green High School, English

ELLA JOSEPHINE HOLLEY

Critic Teacher

Diploma, Connecticut State Normal School; B. S. and Diploma in Elementary Supervision, Teachers College, Columbia University. Teacher in public schools, Fairfield, Conn.; Teacher and principal of public schools, Westport, Conn.; Critic Teacher, sixth grade, State Normal College, Bowling Green, Ohio, 1917-1919.

WILLIAM PEARCE HOLT

Department of Geography

A. B., Oberlin College; Graduate Student, University of Chicago, Cornell University, Columbia University; President, Ohio Association of Science and Mathematics Teachers. Teacher in High Schools, Ashtabula and Toledo; Acting Head of Department of Biology and Geography, Central Commercial and Manual Training School, Newark, New Jersey; Head of Department of Geography, State Normal College, Bowling Green, Ohio, 1915—

HERBERT KIMMEL

Director of Training School

A. B., Indiana University; Ph. M., University of Chicago; Graduate Student, University of Chicago. Teacher in rural and village schools, Superintendent of Schools, Poseyville, Ind.; Principal of High School, Auburn, Ind.; Associate in Mathematics, University of Chicago High School; Professor of Mathematics, Ottawa University, Ottawa, Kansas; Professor of Education and Psychology, State Normal School, Eau Claire, Wis.; Director of Training School, State Normal College, Bowling Green, Ohio, 1918—

MARGARET A. LEMON

Critic Teacher

Diploma, Memminger Normal School, Charleston, S. C.; B. S. and Diploma in Elementary Supervision, Teachers College, Columbia University. Critic Teacher, State Normal School, Harrisonburg, Va., Winthrop College, Rock Hill, S. C., George Peabody College for Teachers, Nashville, Tenn., State Normal College, Bowling Green, Ohio, 1918-1919.

REA MCCAIN

Department of English

A. B., National Normal University; A. B., Antioch College; A. M., Columbia University. Teacher in rural and village schools; Teacher, third grade, Lebanon, Ohio; Teacher in High School, Lebanon; Instructor in English, National Normal University; Teacher of English, Fremont High School; Instructor, Wooster Summer School; Head of Department of English, State Normal College, Bowling Green, Ohio, 1914—

RUTH MCCONN

Instructor in Music

Student, State Normal College, Bloomington, Ill., and Winona College; Diploma, School of Music, Cornell University; Private Piano Pupil of J. Beroth Bowman, Syracuse, N. Y., Mme. Beegan, Los Angeles, Cal., Hazel Coate Rose, Metropolitan School of Music, Indianapolis, Private, Voice Pupil of David Baxter, Indianapolis, Edward Clark, Chicago, Jerome Hayes, New York; Supervisor of Music, Wabash, Ind.; Head of Music Department, Winona College Summer School, 1915; Instructor in Music, State Normal College, Bowling Green, Ohio, 1916-1919.

LUCY HELEN MEACHAM

Critic Teacher

Diploma, Iowa State Teachers College; Student, Summer Sessions University of Chicago; Departmental Certificate in Primary Supervision, Teachers College, Columbia University; B. S., Columbia University. Teacher in rural, village, and city schools; Critic Teacher, first grade, State Normal College, Bowling Green, Ohio, 1914-1919.

EDWIN L. MOSELEY

Department of Biology

A. M., University of Michigan. Teacher of Science, High School; Grand Rapids, Mich., Teacher of Science, High School, Sandusky, Ohio; Fellow of Steere Scientific Expedition to the Philippines; Member of American Association for Advancement of Science; Secretary, Ohio Academy of Science; President, Ohio Academy of Science; Head of Department of Biology, State Normal College, Bowling Green, Ohio 1914—