

SECOND YEAR	
First Semester	Second Semester
Art Appreciation and Hist., 31 2	Botany, Phys. Sc., 22..... 3
Chemistry of Foods, Phys. Sc., 25..... 3	History of Education, 24.... 3
Dressmaking, 25..... 3	Home Cooking and Table Service, 28..... 3
Music, 23..... 1	Home Nursing, 30..... 1
Observation and Practice, Ed., 31..... 3	House Furnishing, 32..... 2
Physical Education..... ½	Household Management, 34 2
Sanitation and Health, Phys. Ed., 21..... 3	Teaching of Home Economics, 36..... 3
Textiles, 27..... 2	Physical Education..... ½
	17½
17½	

SPECIAL TWO-YEAR COURSE IN INDUSTRIAL ARTS

(Manual Training)

FIRST YEAR	
First Semester	Second Semester
Elementary Handwork, 23... 2	Cabinet Making, 34..... 3
Elementary Woodworking, 29 2	Elementary Design, 26..... 3
English, 21..... 3	English, 22, and 24 or 26... 3
Mathematics, 21..... 3	Physical Education..... ½
Physical Education..... ½	Principles of Teaching, Ed., 22..... 3
Physics, Phys. Sc., 29..... 4	Representative Drawing, 22 2
Psychology, Ed., 21..... 3	Shop Drawing, 28..... 3
	17½
17½	

SECOND YEAR	
First Semester	Second Semester
History of Architecture, 35... 2	Art Metal Work, 36..... 3
Industrial Arts Education, 33 2	Concrete Construction, 38.. 3
Observation and Prac., Ed., 31 3	Educational Sociology, Ed., 26..... 2
Physical Education..... ½	Forge Shop, 40..... 3
Shop Mathematics, 37..... 4	History of Education, 24.... 3
School Organization, Ed., 23 3	Observation and Practice, Ed., 32..... 3
Turning & Pattern Making, 39 3	Physical Education..... ½
	17½
17½	

SPECIAL TWO-YEAR COURSE IN PUBLIC SCHOOL MUSIC

FIRST YEAR	
First Semester	Second Semester
Elements of Music (Notation and Sight Singing), 21..... 2	Elements of Music (Notation and Sight Singing), 22... 2
English, 21..... 3	English 22, and 24 or 26... 3
Industrial Arts (Drawing), 21 2	Industrial Arts (Drawing), 22 2
Physical Education..... ½	Physical Education..... ½
Psychology, Ed., 21..... 3	Piano, 26..... 2
Piano, 25..... 2	Principles of Teach., Ed., 22 3
Public School Music, 27..... 2	Public School Music, 28.... 2
Singing (Voice culture), 29... 2	Singing (Voice culture), 30 2
	16½
16½	

SECOND YEAR

First Semester	Second Semester
Advanced Piano, 31..... 2	Advanced Voice or Piano, 34 or 32..... 2
Advanced Singing (Voice), 33 2	Harmony and Melody Writing, 36..... 3
Harmony and Melody Writing, 35..... 3	History of Education, 24.... 3
History of Music, 37..... 2	History of Music, 38..... 3
Music Appreciation, 23..... 2	Music Appreciation, 24..... 2
Observation and Prac., Ed., 31 3	Observation and Practice, Ed., 32..... 3
Physical Education..... ½	Physical Education..... ½
School Organization, Ed., 23 3	
	16½
17½	

### 3. To Three-Year Diploma Courses for Graduates of Second Grade High Schools.

For the present, three-year courses are offered for graduates of second grade high schools. The work of the first year is essentially preparatory, and will be modified to suit the particular needs of the student.

Graduates of second grade high schools will be admitted to the three-year diploma course, but students of high school age residing in districts which maintain first grade high schools will not be eligible for admission to this course.

#### RESIDENCE REQUIREMENTS

Candidates for a diploma must do at least one semester's work in residence at the College and candidates for a degree at least one year's work. Three summer sessions of six weeks are considered the equivalent of one semester and five summer sessions the equivalent of a year.

## STUDENT ORGANIZATIONS

#### BOOK AND MOTOR

Book and Motor is an honorary senior society to which are elected at the beginning of their senior year those students who, in the opinion of the Faculty, have profited most fully by the instruction offered at their Alma Mater and who have contributed most generously to her traditions. Its object is the fostering of college spirit and the recognition of merit in scholastic and social endeavor. The honor of election is awarded in the form of a gold key consisting of the College monogram surmounted by a book and motor.

#### LITERARY SOCIETIES

There are two permanent literary societies connected with the College—the Wilsonian and the Emerson. The aim of these societies is to increase the power of oral expression, to acquire habits of logical thinking, to develop those social graces which make for real culture, and to uplift the profession of teaching. Any student or graduate of the Normal College may become an active member of one of these societies and any other person may become an honorary member by receiving a two-thirds vote of a society and the approval of the Faculty.

#### MAY FESTIVAL CHORUS

The large Festival Chorus of two hundred voices is an organization of singers from the State Normal College and the city of Bowling Green, the purpose of which is the rendition of great choral works and oratorios at the time of the Spring Music Festival. Artists of national reputation assist the chorus at these festivals.

#### TREBLE CLEFF CLUB

(Girls' Glee Club). Membership is limited to twenty-four voices chosen according to singing ability. Programs are given consisting of the best part-songs, choruses, and ballads, written for ladies' voices.

#### PHILHARMONIC CLUB

(Summer School Organization). The study of a number of the standard choral works for mixed voices through rehearsal of compositions. For admission to the course, one must be able to read music and to carry a voice part. The club is limited to seventy-five members and appears in public performance toward the close of the summer term.

## TEACHING OF SECONDARY MATHEMATICS

Intended for supervisors, teachers, and those preparing to teach. It treats of the aims, organization, and methods of teaching Algebra and Geometry. Among the topics considered are the aim of secondary Mathematics, the introduction to Algebra and Geometry, the place of problems in Algebra and of originals in Geometry, general methods of attack in Geometry, practical applications, inductive work in Geometry, present tendencies, proposed omissions and additions, and mathematical clubs. Credit, 3 hours.

## MUSIC

## 21-22—ELEMENTARY 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 and two-part music. It will also include oral, tonal, and written dictation. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 23-24—MUSIC APPRECIATION

Designed to acquaint students with standard, vocal, and instrumental compositions, and to enable them to listen discriminately. A study of musical compositions through the analysis of vocal and instrumental forms. The course is copiously illustrated by the best examples on the Victrola and Player-piano. No previous knowledge of music is required. Credit, 2 hours for regular students; 4 hours for special students of public school music of whom extra work will be required.

## 25-26—PIANO PLAYING

Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern masters. 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. Credit, 4 hours.

## 27-28—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. It will also include a study of rhythm and sight-singing. A survey of the current school music courses. Prerequisite: Music 21-22. Credit, 4 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. 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. 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. Credit, 4 hours.

## 35-36—HARMONY

The fundamental principles of the theory of Music are embodied in the study of harmony, which treats of the different intervals and chords in their natural relations and combinations. The subdivisions of the subject are as follows: Scales, intervals; triads, sixth, seventh, and ninth chords with their inversions; cadences, and modulation; harmonizing melodies. Chromatically altered chords; augmented chords; suspensions; passing and changing notes; analysis; ear-training; original work in harmonizing melodies. Prerequisite: Music 21-22. Credit, 6 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. Modern music and musicians; biographies and the works of the great masters of the classic, romantic and modern schools. The history of the opera, oratorio, cantata, symphony, and various other forms are studied in detail. The course is well illustrated. Prerequisite: 21-22. Credit, 5 hours.

## PHYSICAL EDUCATION

## 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.

## BIOLOGICAL SCIENCE

## 22—BOTANY

Study of the plants themselves. Attention will be given to growth from buds and seeds, influence of light, temperature, moisture, soil, etc., roots, stems, leaves, flowers, fruit, classification, economic importance. Trees, shrubs, herbs, mushrooms, molds and yeasts will be studied. Two single and three double periods. Credit, 3 hours.

## 25—ZOOLOGY

A study of familiar animals, insects, birds, mammals, etc., by actual observation supplemented by reading and oral instruction. Attention will be given to form, structure, development, relationship, vital processes, food getting, avoiding enemies, home making, care of young, and importance to man. Some of this study will be out of doors. Three single and two double periods. Credit, 3 hours.

## NATURE STUDY

This course is designed to afford elementary teachers an opportunity to become better acquainted with the nature of many common objects and phenomena. It will include out-of-door observation of rocks, fossils, plants, animals and stars; indoor study of some of the specimens which children may collect. Three double periods. Credit, 3 hours.

## PHYSICAL SCIENCE

## 21-22—CHEMISTRY

A first course with emphasis on those subjects which the student needs to know to prepare him for a course in Agriculture or Home Economics. One single and two double periods. Credit, 6 hours.

## 25—CHEMISTRY OF FOODS

A course planned for students specializing in Home Economics. It treats of fuels, hydrocarbons, alcohols, carbohydrates; tests for the different sugars, testing of flours, meals, cereals, etc.; fats—properties, tests, saponification; proteins—classification, characteristic tests. Study of the composition of such foods and beverages as eggs, meat, milk, cheese, tea, coffee, cocoa. Tests for adulterations of different food products. Credit, 3 hours.

## 29—PHYSICS

For students who have had high school mathematics and physics. It includes mechanics of solids, liquids and gases, heat, methods of heating and ventilating, water supply, sewage disposal, pumps, gas engines, electric motors, other electrical appliances, also the repair of farm machinery and household utensils. Credit, 4 hours.

ERNEST G. HESSER

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Diploma, Winona College; Diploma, School of Methods, Chicago; Student, Ohio Wesleyan University School of Music; Private Voice Pupil of Dr. Carl Duft, New York; William Shakespeare, London; Isadore Luckstone, Paris. Supervisor of Public School Music, Kendallville, Ind.; Supervisor of Music, Goshen, Ind.; Head of Music Department, Kansas State Normal School, Emporia, Kan.; Supervisor of Music, Pasadena, Cal.; Head of Music Department, Winona College Summer School, 1914; Head of Music Department, State Normal College, Bowling Green, Ohio, 1914-

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MARIE E. SIMPSON

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A. B., Olivet College; Ph. B. in Education, with Major in Library Science, University of Chicago. Special work in cataloguing, John Crerar Library, Chicago; Librarian, State Normal School, Mayville, N. D.; Librarian State Historical Society, Bismarck, N. D.; Librarian, State Normal College, Bowling Green, Ohio, 1915-

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