

- \*409 (402)—ADVANCED CALCULUS (3) KRABILL  
Selected topics in advanced calculus. Prerequisite: Mathematics 202. Offered in 1950-51 and in alternate years. (1)
- \*410—ADVANCED CALCULUS (3) KRABILL  
Continuation of Mathematics 409. Prerequisite: Mathematics 409. Offered in 1950-1951 and in alternate years. (2)
- \*412—VECTOR ANALYSIS (3) KRABILL  
Vector and scalar algebra and geometry; differentiation, integration, and differential operators; general coordinates; harmonic functions; potentials; applications to electric theory and hydro-dynamics. Prerequisite: Mathematics 202 and Physics 201 or permission of the instructor. Offered in 1950-51 and alternate years. (2)
- 510—INTRODUCTION TO THE THEORY OF FUNCTIONS OF A COMPLEX VARIABLE (3) KRABILL  
The algebra of complex numbers and their geometric representation; properties of analytic functions; conformal mapping; infinite series; theory as developed by Cauchy, Riemann, and Weierstrass. (1)
- 511—FUNCTIONS OF A COMPLEX VARIABLE (3) KRABILL  
A continuation of Mathematics 510. Prerequisite: Mathematics 510. (2)
- 520—MODERN ALGEBRA (3) OGG  
An introductory course in higher algebra. (1)
- 521—MODERN ALGEBRA (3) OGG  
A continuation of Mathematics 520. Prerequisite: Mathematics 520. (2)
- 530—ALGEBRAIC GEOMETRY (3) OGG  
Plane algebraic curves, transformations, and invariants. Offered in summer
- 531—ALGEBRAIC GEOMETRY (3) OGG  
Curves and surfaces in three dimensions, transformations, and invariants. Offered in summer
- 540—THEORY OF GROUPS (3) OGG  
Finite groups. Applications to algebra and geometry. Offered in summer
- 541—THEORY OF GROUPS (3) OGG  
A continuation of Mathematics 540. Prerequisite: Mathematics 540. Offered in summer
- 599—MASTER'S THESIS (3) GRADUATE STAFF  
Students working upon their master's theses in mathematics are required to register for this course. (1, 2)

## Music

Professors McEwen (chairman), Kennedy; Associate Professors Fauley, Haven, Jensen, Spangler; Assistant Professors Alexander, Allen, Bohrnstedt, Himmel, Krieger, Marley, Yates, Zuelzke; Instructors Dennis, Derrer, Ecker, Matz, McLaughlin, Pitman, Troeger; Mr. Curtis.

### COURSES IN THEORY, HISTORY, AND APPRECIATION

- \*101—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER  
Fundamental principles of pitch and rhythm as a basis for solfeggio. Dictation for oral and written response. Four hours a week. (1)

- \*102—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER  
A continuation of Music 101. Four hours a week. Prerequisite: Music 101. (2)
- \*103—NOTATION AND THEORY (2) BOHRNSTEDT, YATES  
Elementary theory, notation, scales, key signatures, clefs, intervals, triads, and chords of the seventh and ninth. Three hours a week. Music 101 must be taken as parallel. (1)
- \*104—MELODY WRITING AND ELEMENTARY FORM (2) BOHRNSTEDT, YATES  
Tone tendencies. Melodies in the smallest forms from the motive through the three-part song forms. Three hours a week. Prerequisite: Music 103. Music 102 must be taken as parallel. (2)
- \*107 (307)—ELEMENTARY CONDUCTING AND TERMINOLOGY (1) ECKER, PITMAN, ZUELZKE  
Basic terms and signs. Fundamental conducting techniques. (1)
- \*108—INTERMEDIATE CONDUCTING AND TERMINOLOGY (1) ECKER, PITMAN, ZUELZKE  
A continuation of Music 107. Prerequisite: Music 107. (2)
- \*201—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER, McEWEN  
Prepared and sight-reading of advanced choral material. Melodic and harmonic dictation. Four hours a week. Prerequisite: Music 102. (1)
- \*202—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER, McEWEN  
A continuation of Music 201. Four hours a week. Prerequisite: Music 201. (2)
- \*205 (206)—HARMONY (2) JENSEN  
Four-part writing, harmonic dictation, keyboard. Prerequisite: Music 104 or equivalent. (1)
- \*206—HARMONY (2) JENSEN  
A continuation of Music 205. Prerequisite: Music 205. (2)
- 211 (241)—GENERAL MUSIC (2) STAFF  
Fundamental musical skills, reading by syllable, pitch and rhythm dictation, music appreciation, song singing. Four hours a week. (1)
- 212 (242)—GENERAL MUSIC (2) STAFF  
A continuation of Music 211. Four hours a week. Prerequisite: Music 211. (2)
- \*301—CHORAL LITERATURE (1) ALLEN  
Reading and study of sacred and secular choral music from 16th to 20th century. Two hours a week. Prerequisite: Music 202. (1)
- \*303—HARMONY (2) JENSEN  
Principal, subordinate, altered, and mixed chords. Nonchordal tones, modulation, contrapuntal harmony. Keyboard improvisation. Prerequisite: Music 206. (1)
- \*304 (205)—ANALYSIS OF FORM (2) JENSEN  
Analysis of the larger forms of musical composition. Prerequisite: Music 303 or equivalent. (2)
- \*305—HISTORY AND APPRECIATION (3) JENSEN  
General course. Readings, reports, recorded music. Survey of all periods. (1)
- \*306—HISTORY AND APPRECIATION (3) JENSEN  
A continuation of Music 305. Prerequisite: Music 305. (2)
- \*309—MODERN MUSIC (2) BOHRNSTEDT  
An analysis course in recent and contemporary music. Prerequisites: Music 304, 306. (1)

- \*311—CHORAL LITERATURE (1) ALLEN  
Reading and study of cantatas, oratorios, and other choral compositions, classical and modern. Two hours a week. Prerequisite: Music 202. (1)
- \*315—ORCHESTRATION (2) BOHRNSTEDT  
Scoring for orchestral choirs and ensembles and full orchestra. Prerequisite: Music 304. (1)
- \*316—COMPOSITION (2) BOHRNSTEDT  
Original composition in songs and instrumental forms. Prerequisite: Music 304. (2)
- \*317—MUSIC APPRECIATION (2) McEWEN  
Enjoyment and understanding of music. Hearing, lecture, and participation. Not open to special music students or to those having credit for Music 305 or 306. Laboratory fee, \$2.00. (1, 2)
- \*318—SYMPHONIC LITERATURE (1) JENSEN  
A hearing course in the larger standard instrumental works. Intended primarily for students taking Public School Music course. Prerequisite: Music 205. Prerequisites or parallels: Music 305 and 306. Laboratory fee, \$2.00. (1)
- \*319—SYMPHONIC LITERATURE (1) JENSEN  
A continuation of Music 318. Laboratory fee, \$2.00. (2)
- \*320—BAND ARRANGING (2) STAFF  
Scoring for band choirs, ensembles, and full band. (2)

## COURSES IN MUSIC EDUCATION

- 203—INTRODUCTION TO PUBLIC SCHOOL MUSIC (1) McEWEN  
Purpose and place of music in the general scheme of education. Two hours a week. (1)
- 204—INTRODUCTION TO PUBLIC SCHOOL MUSIC (1) McEWEN  
A continuation of Music 203. Prerequisite: Music 203. (2)
- 351—TEACHING OF MUSIC (2) TROEGER  
Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1)
- 352—METHODS IN MUSIC APPRECIATION (2) McEWEN  
The basis of music appreciation. Subject matter and methods. Preparation and teaching typical lessons. Prerequisite: Education 309. (2)
- 355—METHODS IN SECONDARY MUSIC (2) FAULEY  
Subject matter and materials for music in the junior and senior high schools. Prerequisites: Education 309, 310. (1)
- 357—METHODS AND MATERIALS IN INSTRUMENTAL MUSIC (2) ZUELZKE  
For elementary and secondary schools. (1)

## COURSES IN APPLIED MUSIC

FEES—A fee of \$20.00 per semester is charged for each course in Applied Music except courses designated "class". A fee of \$3.00 per semester for use of piano six hours per week, and a fee of \$5.00 each per semester for brass wind, wood wind, and stringed instruments is charged when provided by the University. Fees for organ practice are \$10 per semester for six hours a week for University students taking organ credit, 25 cents per hour of practice for all others.

CREDIT REQUIREMENT—A minimum of thirty hours of Applied Music is required for students in Public School Music. All courses in Applied Music, including courses 100, 200, and 300 may be used to meet this requirement.

INSTRUCTION—The basis for instruction in Applied Music except courses designated "class" is the half hour individual lesson. Work is graded according to the proficiency and experience of the student, and involves both technical study and standard performance literature. For students of Public School Music, attention is given to such special professional requirements as playing accompaniments and rhythms, and the proper use of the singing voice for teaching in the elementary and secondary schools.

PRACTICE—A minimum of six hours of practice per week is required in piano and other instruments. In voice, three to five hours practice per week is required. RECITAL ATTENDANCE—Students majoring in music are required to attend 80% of all student and faculty recitals and concerts, including those of the University Entertainment Course.

- \*125—PERCUSSION CLASS (1) STAFF
- \*135—BRASS CLASS (1) PITMAN
- \*136—CORNET CLASS (1) PITMAN
- \*145—WOODWIND CLASS (1) ZUELZKE
- \*147—CLARINET AND FLUTE CLASS (1) ECKER, ZUELZKE
- \*185-186—STRING CLASS (2) ALEXANDER
- \*187-188—VIOLIN CLASS (2) ALEXANDER
- \*131, \*132, \*231, \*232, \*331-334—BRASS INSTRUMENTS (1 or 2 each) PITMAN
- \*141, \*142, \*241, \*242, \*341-344—WOODWIND INSTRUMENTS (1 or 2 each) ECKER, ZUELZKE
- \*161, \*162, \*261, \*262, \*361-364—PIANO (1 or 2 each) BOHRNSTEDT, HAVEN, JENSEN, MARLEY, SPANGLER, TROEGER, YATES
- \*171, \*172, \*271, \*272, \*371-374—VOICE (1 or 2 each) ALLEN, FAULEY, HIMMEL, KREIGER, MATZ
- \*181, \*182, \*281, \*282, \*381-384—STRINGED INSTRUMENTS (1 or 2 each) ALEXANDER, DERRER, McLAUGHLIN
- \*191, \*192, \*291, \*292, \*391-394—ORGAN (1 or 2 each) CURTIS
- \*235—FRENCH HORN CLASS (1) PITMAN
- \*236—TROMBONE CLASS (1) PITMAN
- \*246—OBOE AND BASSOON CLASS (1) ECKER
- \*285—CELLO AND BASS CLASS (1) ALEXANDER, DERRER

## MUSICAL ORGANIZATIONS

- 100—SMALL ENSEMBLES (1 a semester) STAFF  
According to the talent available, small vocal and instrumental ensembles are formed under the supervision of the department. Admission is by try-out. May be taken more than once, but the total credit earned shall not exceed 4 hours. (1, 2)
- 200—MUSICAL ORGANIZATIONS (½ a semester) STAFF  
The Band, Festival Chorus, A Cappella Choirs, Men's Glee Club, Orchestra, and Treble Clef Club are open to all students of the University with the necessary musical ability. Not more than eight hours earned in this way can be applied to any degree. (1, 2)

## 300—SMALL ENSEMBLES (1 a semester)

Similar to Music 100, but for juniors and seniors, may be taken more than once, but the total credit earned shall not exceed 4 hours. (1, 2)

STAFF

## Military Science and Tactics (ROTC)

Professor Lucas (Commanding Officer); Assistant Professor Horton; Instructor Taylor.

## \*101, 102—MILITARY SCIENCE AND TACTICS I (1st year basic; 2 each semester)

TAYLOR

Military organization; hygiene and first aid; leadership, drill and exercise of command; individual weapons and marksmanship; maps and aerial photographs; National Defense Act and ROTC. Laboratory fee, \$1.00 per semester. (1, 2)

## \*201, 202—MILITARY SCIENCE AND TACTICS II (2nd year basic; 2 each semester)

TAYLOR

Leadership, drill, and exercise of command; physical development methods; maps and aerial photographs; military administration; evolution of warfare; military law and boards. Prerequisite: Military Science 102 or veteran with minimum of one year active duty. Laboratory fee, \$1.00 per semester. (1, 2)

## \*301, 302—MILITARY SCIENCE AND TACTICS III (1st year Advance; 3 each semester)

HORTON

Military leadership, psychology, and personnel management; leadership. Drill, and exercise of command; geographical foundation of national power; military law and boards; tactics and technique of field artillery. Prerequisite: Military Science 202 or active duty of comparable nature of one year or more. Laboratory fee, \$1.00 per semester. (1, 2)

## \*401, 402—MILITARY SCIENCE AND TACTICS IV

(2nd year Advance; 3 each semester)

LUCAS

Command and staff; military teaching methods; psychological warfare; military problems of the United States; leadership, drill, and exercise of command; military mobilization and demobilization; combat intelligence; tactics and technique of field artillery. Prerequisite: Military Science 302. Laboratory fee, \$1.00 per semester. (1, 2)

## Philosophy

Associate Professor Tuttle (chairman); Assistant Professor Nielsen.

## \*201—INTRODUCTION TO PHILOSOPHY (3)

STAFF

A study of the methods and problems of philosophy in relation to contemporary institutions. (1, 2)

## \*202 (302)—ETHICS (3)

NIELSEN

A study of the nature and meaning of "Good," and its application in business, professional, personal, and social attitudes and behavior. (2)

## \*204—AESTHETICS (3)

TUTTLE

The nature and meaning of "Beauty," approached historically and applied to present day experience. Courses in the appreciation and history of art and music are of value in connection with this study. (2)

## \*206 (311)—PROBLEMS OF PHILOSOPHY (3)

NIELSEN

A more extended study of some of the fundamental and persistent philosophical problems treated in Introduction to Philosophy. Prerequisite: Philosophy 201. (2)

## \*301—LOGIC (3)

NIELSEN

A survey of the principles and problems of correct thinking, with emphasis on Mill's methods and the function of logic in pre-law, and the social and natural sciences. (1)

## \*315—SEVENTEENTH CENTURY PHILOSOPHY (3)

NIELSEN

A consideration of the great philosophical systems of the period, emphasizing the thought of Descartes, Spinoza, and Leibnitz. Prerequisite: Philosophy 201, or permission of instructor. (1)

## \*321 (203)—HISTORY OF ANCIENT PHILOSOPHY (3)

TUTTLE

The development of the concepts of stability, change, and interdependence from Thales to the fall of Rome. A study of the sources of modern economic, political, social, and religious ideas and practices. Prerequisite: Philosophy 201, or permission of instructor. (1)

## \*322—HISTORY OF MEDIEVAL AND MODERN PHILOSOPHY (3)

STAFF

A survey of major concepts in the philosophies of Catholic Europe; the humanistic emphasis of the Renaissance, the rise of empiricism in England, of rationalism on the Continent, and the resulting philosophy of Kant and his followers. Prerequisites: Philosophy 201, 321, or permission of instructor. (2)

## \*323—HISTORY OF RELIGIONS (3)

TUTTLE

A study of the "bibles" of six major living religions of the Far East—Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shinto—including inquiry into cultural backgrounds of India, China, and Japan. (1)

## \*324—HISTORY OF RELIGIONS (3)

NIELSEN

A study of the "bibles" of the four major living religions of the Near East—Zoroastrianism, Hebraism, Christianity, and Islam—including inquiry into the cultural backgrounds of Egypt, Babylonia, Israel, Greece, and Rome. (2)

## \*402—PHILOSOPHY OF SCIENCE (3)

TUTTLE

The nature and meaning of the presuppositions of science and the conclusions of the sciences as the data of philosophy. Prerequisites: Philosophy 201 and six or more hours in science. Offered in 1950-51 and in alternate years. (2)

## \*414—PHILOSOPHY OF BUSINESS (3)

TUTTLE

A study of the underlying philosophies of business as applied by business men to the problems of management and labor, management and customers, and management and the community. Prerequisites: Philosophy 201 and six hours of business or economics. Offered in 1949-50 and in alternate years. (2)

## \*415—AMERICAN THOUGHT (3)

TUTTLE

A survey of ideas of freedom from the earliest times through Thomas Paine, Thomas Jefferson, Ralph Waldo Emerson, Walt Whitman, and into the present. Prerequisites: Philosophy 201, or permission of instructor. Offered on demand

## \*417—PHILOSOPHY OF RELIGION (3)

NIELSEN

A survey of the concepts of soul, freedom, salvation, eternity, immortality, and Deity. A study of the origin, content, and validity of religious belief. Prerequisite: Philosophy 201, or permission of instructor. (1)

## 501—PLATONISM (3)

TUTTLE

A study of some of the "Dialogues" of Plato and "The Enneads" of Plotinus, with particular attention to their effects on the social, scientific, literary, and religious development of the Western World. Prerequisite: Philosophy 201 or permission of instructor. (1)

- \*407—ORDINARY DIFFERENTIAL EQUATIONS (3) KRABILL  
Equations of the first, second, and higher orders; linear equations with constant coefficients; solutions in series and systems of equations; numerical approximations; applications in physics and geometry. Prerequisite: Mathematics 202. (1)
- \*408—PARTIAL DIFFERENTIAL EQUATIONS (3) KRABILL  
Partial differential equations with applications. Prerequisite: Mathematics 407. (2)
- \*409—ADVANCED CALCULUS (3) KRABILL  
Selected topics in advanced calculus. Prerequisite: Mathematics 202. Offered in 1950-51 and in alternate years. (1)
- \*410—ADVANCED CALCULUS (3) KRABILL  
A continuation of Mathematics 409. Prerequisite: Mathematics 409. Offered in 1950-1951 and in alternate years. (2)
- \*412—VECTOR ANALYSIS (3) KRABILL  
Vector and scalar algebra and geometry; differentiation, integration, and differential operators; general coordinates; harmonic functions; potentials; applications to electric theory and hydro-dynamics. Prerequisite: Mathematics 202; Physics 201, or permission of the instructor. Offered in 1950-51 and alternate years. (2)

### Military Science and Tactics

Colonel Lucas (commanding officer); Major Horton; Sergeants Taylor, Denn.

- \*101-102—MILITARY SCIENCE AND TACTICS I STAFF  
(1st year basic; 2 each semester)  
Introduction to military science; military policy of United States; organization; problems; leadership, drill, and exercise of command; psychology; personnel management. Fee, \$1.00 each semester. (1, 2)
- \*201-202—MILITARY SCIENCE AND TACTICS II STAFF  
(2nd year basic; 2 each semester)  
Leadership, drill, and exercise of command; tactics and technique of field artillery. Prerequisite: Military Science 102, or veteran with minimum of one year active duty. Fee, \$1.00 each semester. (1, 2)
- \*301-302—MILITARY SCIENCE AND TACTICS III STAFF  
(1st year advance; 3 each semester)  
Leadership, drill, and exercise of command; field artillery; marksmanship; gunnery; supply; evacuation. Prerequisite: Military Science 202. Fee, \$1.00 each semester. (1, 2)
- \*401-402—MILITARY SCIENCE AND TACTICS IV STAFF  
(2nd year advance; 3 each semester)  
Military administration, law and boards, and teaching methods; leadership; advanced field artillery; surveying; combat intelligence; new developments. Prerequisite: Military Science 302. Fee, \$1.00 each semester. (1, 2)

### Music

Professors McEwen (chairman), Kennedy; Associate Professors Fauley, Haven, Jensen, Spangler; Assistant Professors Alexander, Allen, Bohrnstedt, Himmel, Krieger, Marley, Yates, Zuelzke; Instructors Derrer, Ecker, McLaughlin, Pitman\*\*, Troeger, Wilcox; Mr. Anderson, Mr. Curtis, Mr. Dennis, Mr. Jones.

\*\* On leave of absence

### COURSES IN THEORY, HISTORY, AND APPRECIATION

- \*101—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER  
Fundamental principles of pitch and rhythm as a basis for solfeggio; dictation for oral and written response. Four hours a week. (1)
- \*102—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER  
A continuation of Music 101. Four hours a week. Prerequisite: Music 101. (2)
- \*103—NOTATION AND THEORY (2) BOHRNSTEDT, YATES  
Elementary theory; notation; scales; key signatures; clefs; intervals; triads; chords of the seventh and ninth. Three hours a week. Parallel: Music 101. (1)
- \*104—HARMONY (2) BOHRNSTEDT, YATES  
Four-part writing; harmonic dictation; keyboard. Prerequisite: Music 103, or equivalent. Parallel: Music 102. (2)
- \*107 (307)—ELEMENTARY CONDUCTING AND TERMINOLOGY (1) ECKER, WILCOX, ZUELZKE  
Basic terms and signs; fundamental conducting techniques. (1)
- \*108—INTERMEDIATE CONDUCTING AND TERMINOLOGY (1) ECKER, WILCOX, ZUELZKE  
A continuation of Music 107. Prerequisite: Music 107. (2)
- \*201—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER, MCEWEN  
Prepared and sight-reading of advanced choral material; melodic and harmonic dictation. Four hours a week. Prerequisite: Music 102. (1)
- \*202—SIGHT SINGING AND EAR TRAINING (2) ALEXANDER, MCEWEN  
A continuation of Music 201. Four hours a week. Prerequisite: Music 201. (2)
- \*205—HARMONY (2) JENSEN  
Nonharmonic tones; altered chords; modulations; harmonic counterpoint. Prerequisite: Music 104, or equivalent. (1)
- \*206—HARMONY (2) JENSEN  
A continuation of Music 205. Prerequisite: Music 205. (2)
- 211 (241)—GENERAL MUSIC (2) STAFF  
Fundamental music skills; reading by syllable; pitch and rhythm dictation; music appreciation; song singing. Four hours a week. (1)
- 212 (242)—GENERAL MUSIC (2) STAFF  
A continuation of Music 211. Four hours a week. Prerequisite: Music 211. (2)
- \*301—CHORAL LITERATURE (1) ALLEN  
Reading and study of sacred and secular choral music from 16th to 20th century. Two hours a week. Prerequisite: Music 202. (1)
- \*303—COUNTERPOINT (2) JENSEN  
Simple and double counterpoint; analysis of works of 16th century contrapuntists; use of modes and imitation. Prerequisite: Music 206, or equivalent. (1)
- \*304—ANALYSIS OF FORM (2) JENSEN  
Analysis of the larger forms of musical composition. Prerequisite: Music 206, or equivalent. (2)
- \*305—HISTORY AND APPRECIATION (3) JENSEN  
General course; readings, reports, and recorded music; survey of all periods. (1)

DESCRIPTION OF COURSES—MUSIC

- \*306—**HISTORY AND APPRECIATION (3)** JENSEN  
A continuation of Music 305. (2)
- \*309—**MODERN MUSIC (2)** BOHRNSTEDT  
An analysis course in recent and contemporary music. Prerequisites: Music 304, 306. (1)
- \*311—**CHORAL LITERATURE (1)** ALLEN  
Reading and study of cantatas, oratorios, and other choral compositions, classical and modern. Two hours a week. Prerequisite: Music 202. (1)
- \*315—**ORCHESTRATION (2)** BOHRNSTEDT  
Scoring for orchestral choirs, ensembles, and full orchestra. May be repeated once for credit with permission of the chairman of the Music Department. Prerequisite: Music 304. (1)
- \*316—**COMPOSITION (2)** BOHRNSTEDT  
Original composition in songs and instrumental forms. May be repeated once for credit with permission of the chairman of the Music Department. Prerequisite: Music 304. (2)
- \*317—**MUSIC APPRECIATION (2)** MCEWEN  
Enjoyment and understanding of music; hearing, lecture, and readings. Not open to special music students or to those having credit for Music 305 or 306. Laboratory fee, \$2.00. (1, 2)
- \*318—**SYMPHONIC LITERATURE (1)** JENSEN  
A hearing course in the larger standard instrumental works. Intended primarily for students majoring in music. Prerequisite: Music 205. Prerequisites or parallels: Music 305, 306. Laboratory fee, \$2.00. (1)
- \*319—**SYMPHONIC LITERATURE (1)** JENSEN  
A continuation of Music 318. Laboratory fee, \$2.00. (2)
- \*320—**BAND ARRANGING (2)** BOHRNSTEDT  
Scoring for band choirs, ensembles, and full band. (2)

COURSES IN MUSIC EDUCATION

- 203—**INTRODUCTION TO PUBLIC SCHOOL MUSIC (1)** MCEWEN  
Purpose and place of music in the general scheme of education. Two hours a week. (1)
- 204—**INTRODUCTION TO PUBLIC SCHOOL MUSIC (1)** MCEWEN  
A continuation of Music 203. Prerequisite: Music 203. (2)
- 351—**TEACHING OF MUSIC (2)** TROEGER  
Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1, 2)
- 352—**METHODS IN MUSIC APPRECIATION (2)** MCEWEN  
The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
- 355—**METHODS IN SECONDARY MUSIC (2)** FAULEY  
Subject matter and materials for music in the junior and senior high schools. Prerequisites: Education 309, 310. (1)
- 357—**INSTRUMENTAL ORGANIZATION AND ADMINISTRATION (2)** ZUELZKE  
For elementary and secondary schools. (1)

COURSES IN APPLIED MUSIC

CREDIT REQUIREMENT—A minimum of 30 hours of Applied Music is required for students in Public School Music. All courses in Applied Music, including Music 100, 200, 300 may be used to meet this requirement.

DESCRIPTION OF COURSES—MUSIC

**INSTRUCTION**—The basis for instruction in Applied Music except courses designated "class" is the half hour individual lesson. Work is graded according to the proficiency and experience of the student, and involves both technical study and standard performance literature. For students of Public School Music, attention is given to such special professional requirements as playing accompaniments and rhythms, and the proper use of the singing voice for teaching in the elementary and secondary schools.

**PRACTICE**—A minimum of 6 hours of practice a week a semester hour is required in piano and other instruments. In voice, 3 to 5 hours practice a week a semester hour is required.

**RECITAL ATTENDANCE**—Students majoring in music are required to attend 80 per cent of all student and faculty recitals and concerts, including those of the University Artist's Course.

**FEES**—A fee of \$20.00 a semester is charged for each course in Applied Music except courses designated "class." The schedule of fees for rental of instruments is as follows:

Instrument	Rental Period	Fee
Piano (1 credit hour)	6 hours a week	\$ 5.00 a semester
Piano (2 credit hours)	12 hours a week	8.50 a semester
Piano (each additional credit hour)		3.50 each credit hour
Woodwinds	6 hours a week	5.00 a semester
Brasses	6 hours a week	5.00 a semester
Strings	6 hours a week	5.00 a semester
Two manual organ (1 credit hour)	6 hours a week	15.00 a semester
Two manual organ (2 credit hours)	12 hours a week	25.00 a semester
Two manual organ (each additional credit hour)		10.00 each credit hour
Four manual organ (Main Auditorium)	1 hour	.50 an hour
*125— <b>PERCUSSION CLASS (1)</b>		DENNIS
*135— <b>BRASS CLASS (1)</b>		WILCOX
*136— <b>CORNET CLASS (1)</b>		WILCOX
*145— <b>WOODWIND CLASS (1)</b>		ZUELZKE
*147— <b>CLARINET AND FLUTE CLASS (1)</b>		ECKER, ZUELZKE
*185-186— <b>STRING CLASS (2)</b>		ALEXANDER
*187-188— <b>VIOLIN CLASS (2)</b>		ALEXANDER
*131, *132, *231, *232, *331-334— <b>BRASS INSTRUMENTS (1 or 2 each)</b>		WILCOX
*141, *142, *241, *242, *341-344— <b>WOODWIND INSTRUMENTS (1 or 2 each)</b>		ECKER, ZUELZKE
*161, *162, *261, *262, *361-364— <b>PIANO (1 or 2 each)</b>		BOHRNSTEDT, HAVEN, JENSEN, MARLEY, SPANGLER, TROEGER, YATES
*171, *172, *271, *272, *371-374— <b>VOICE (1 or 2 each)</b>		ALLEN, FAULEY, HIMMEL, KREIGER
*181, *182, *281, *282, *381-384— <b>STRINGED INSTRUMENTS (1 or 2 each)</b>		ALEXANDER, DERRER, MCLAUGHLIN
*191, *192, *291, *292, *391-394— <b>ORGAN (1 or 2 each)</b>		CURTIS

- \*235—FRENCH HORN CLASS (1) WILCOX  
 \*236—TROMBONE CLASS (1) STAFF  
 \*246—OBOE AND BASSOON CLASS (1) ECKER  
 \*285—CELLO AND BASS CLASS (1) ALEXANDER, DERRER

## MUSICAL ORGANIZATIONS

- 100—SMALL ENSEMBLES (1 a semester) STAFF  
 According to the talent available, small vocal and instrumental ensembles are formed under the supervision of the department. Admission is by try-out. May be taken more than once, but the total credit earned shall not exceed 4 hours. (1, 2)
- 200—MUSICAL ORGANIZATIONS (½ a semester) STAFF  
 The Band, A Cappella Choirs, Men's Glee Club, Orchestra, and Treble Clef Club are open to all students of the University with the necessary musical ability. Not more than 8 hours earned in this way can be applied to any degree. (1, 2)
- 300—SMALL ENSEMBLES (1 a semester) STAFF  
 Similar to Music 100, but for juniors and seniors. May be taken more than once, but the total credit earned shall not exceed 4 hours. (1, 2)

## Philosophy

Professor Tuttle (chairman); Assistant Professor Nielsen.

- \*201—INTRODUCTION TO PHILOSOPHY (3) STAFF  
 A study of the methods and problems of philosophy in relation to contemporary institutions. (1, 2)
- \*202 (302)—ETHICS (3) NIELSEN  
 A study of the nature and meaning of "Good," and its application in business, professional, personal, and social attitudes and behavior. (2)
- \*204—AESTHETICS (3) TUTTLE  
 The nature and meaning of "Beauty," approached historically and applied to present day experience. Courses in the appreciation and history of art and music are of value in connection with this study. (2)
- \*206 (311)—PROBLEMS OF PHILOSOPHY (3) NIELSEN  
 A more extended study of some of the fundamental and persistent philosophical problems treated in Philosophy 201. (2)
- \*301—LOGIC (3) NIELSEN  
 A survey of the principles and problems of correct thinking, with emphasis on Mill's methods and the function of logic in pre-law, and the social and natural sciences. (1)
- \*315—SEVENTEENTH CENTURY PHILOSOPHY (3) NIELSEN  
 A consideration of the great philosophical systems of the period, emphasizing the thought of Descartes, Spinoza, and Leibnitz. (1)
- \*321 (203)—HISTORY OF ANCIENT PHILOSOPHY (3) TUTTLE  
 The development of the concepts of stability, change, and interdependence from Thales to the fall of Rome; a study of the sources of modern economic, political, social, and religious ideas and practices. (1)
- \*322—HISTORY OF MEDIEVAL AND MODERN PHILOSOPHY (3) STAFF  
 A survey of major concepts in the philosophies of Catholic Europe; the humanistic emphasis of the Renaissance; the rise of empiricism in England, of rationalism on the continent, and the resulting philosophy of Kant and his followers. (2)

- \*323—HISTORY OF RELIGIONS (3) TUTTLE  
 A study of the "bibles" of six major living religions of the Far East—Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism—including inquiry into cultural backgrounds of India, China, and Japan. (1)
- \*324—HISTORY OF RELIGIONS (3) NIELSEN  
 A study of the "bibles" of the four major living religions of the Near East—Zoroastrianism, Hebraism, Christianity, and Islam—including inquiry into the cultural backgrounds of Egypt, Babylonia, Israel, Greece, and Rome. (2)
- \*402—PHILOSOPHY OF SCIENCE (3) TUTTLE  
 The nature and meaning of the presuppositions of science and the conclusions of the sciences as the data of philosophy. Offered in 1950-51 and in alternate years. (2)
- \*412—EPISTEMOLOGY (3) TUTTLE  
 The origin, content, and validity of knowledge; the authoritarian, empirical, rational, pragmatic, correspondence, coherence, and intuitive interpretations of truth. Prerequisite: Philosophy 201, or consent of the instructor. Offered on demand
- \*414—PHILOSOPHY OF BUSINESS (3) TUTTLE  
 A study of the underlying philosophies of business as applied by business men to the problems of management and labor, management and customers, and management and the community. Offered in 1951-52 and in alternate years. (2)
- \*415—AMERICAN THOUGHT (3) TUTTLE  
 A survey of ideas of freedom from the earliest times through Thomas Paine, Thomas Jefferson, Ralph Waldo Emerson, Walt Whitman, and into the present. Offered on demand
- \*417—PHILOSOPHY OF RELIGION (3) NIELSEN  
 A survey of the concepts of soul, freedom, salvation, eternity, immortality, and deity; a study of the origin, content, and validity of religious belief. (1)

## Physical Education

(See Health and Physical Education)

## Physics

- Associate Professor Singer (chairman); Professor Bowman; Assistant Professor McKay; Instructor Flamm; Mr. Coddling.
- \*100—INTRODUCTION TO PHYSICS (3) STAFF  
 A physics course designed primarily for non-science students; a study of the major principles and concepts of physics with emphasis on the scientific approach to problems. This course cannot be used as part of a major or minor. Demonstration fee, \$1.00. (1, 2)
- \*201—COLLEGE PHYSICS (5) STAFF  
 Mechanics, heat, and sound for the technical student. Four lecture-recitations and one three-hour laboratory period a week. Prerequisite
- \*202—COLLEGE PHYSICS (5) STAFF  
 Magnetism, electricity, and light for the technical student. Four lecture-recitations and one three-hour laboratory period a week. Prerequisite or parallel: Mathematics 201. Laboratory fee, \$3.00. (2)
- \*203—GENERAL PHYSICS (4) STAFF  
 Mechanics, heat, and sound. Three lecture-recitations and one three-hour laboratory period a week. Prerequisites: Mathematics 101, 103. Laboratory fee, \$3.00. (1)



COMMITTEES OF THE FACULTY

- EXECUTIVE—President F. J. Prout, chairman; J. W. Bunn, A. B. Conklin, Florence Currier, R. G. Harshman, Herschel Litherland, K. H. McFall, J. R. Overman, E. C. Shuck.
- FACULTY HANDBOOK—Nellie A. Ogle, chairman; P. W. Jones, W. C. Jordan.
- FACULTY RECOGNITION—W. A. Zaugg, chairman; Helen Henderson, W. C. Jordan.
- GIFTS, ENDOWMENTS, AND MEMORIALS—B. L. Pierce, chairman; A. B. Conklin, Martha Gesling, Helen Henderson, C. G. Swanson.
- GRADUATE COUNCIL—G. E. Cooke (1950\*), W. E. Steidtmann (1950\*), C. G. Swanson (1950\*), J. L. Hill (1951\*), E. C. Knepper (1951\*), F. C. Ogg (1951\*), L. A. Helms (1952\*), G. C. Platt (1952\*), E. C. Shuck (1952\*), J. E. Wenrick (1952\*), C. W. Young (1953\*), C. L. Rew (1953\*), E. T. Smith (1953\*), P. F. Leedy (*ex officio*).
- HONORS—L. A. Helms, chairman; E. E. Dickerman, R. G. Harshman, Helen Henderson, Florence Williamson.
- HONORS PROGRAM—J. E. Wenrick, chairman; C. G. Swanson, W. H. Hall, L. A. Helms, T. H. Tuttle.
- LIBRARY—F. C. Ogg, chairman; W. H. Hall, R. G. Harshman, P. F. Leedy, S. H. Lowrie.
- MUSIC ACTIVITIES—M. C. McEwen, chairman; Myrtle Jensen, J. P. Kennedy, E. C. Shuck, and four student members.
- PLACEMENT—I. W. Miller, chairman; R. G. Harshman, Herschel Litherland, K. H. McFall.
- PUBLICATIONS—J. J. Currier, chairman; R. N. Baird, A. B. Conklin, P. F. Leedy, and four student members.
- RESEARCH—F. C. Ogg, chairman; G. W. Cooke, W. H. Hall, B. F. Nordmann.
- SCHOLARSHIP—W. A. Zaugg chairman; W. H. Hall, Helen Henderson, K. H. McFall, L. F. Manhart, I. W. Miller, J. R. Overman.
- SPEECH ACTIVITIES—E. T. Smith, chairman; C. L. Rew, S. C. Stone, and three student members.
- SOCIAL—Alma Payne, chairman (1952\*), Iris Andrews (1950\*), Alice Schocke (1950\*), J. W. Weber (1950\*), Mhyra Minnis (1951\*), H. G. Steele (1951\*), E. Eloise Whitwer (1951\*), R. E. McKay (1952\*), C. S. Martin (1952\*), Isabel Barker (1953\*), Elizabeth Blackburn (1953\*), G. C. Platt (1953\*), W. E. Steidtmann (1953\*), A. B. Conklin, Florence Currier, and 13 student members.
- STUDENT SENATE ADVISORS—K. H. McFall (1951\*), Florence Baird (1952\*), A. J. Hammer (1952\*), D. W. Bowman (1953\*), E. C. Hackbarth (1954\*).
- VISUAL AIDS—B. L. Pierce, chairman; Herschel Litherland, E. T. Smith, F. E. Beatty (*ex officio*).

\* Term expires

Faculty

Emeriti

- CAROLINE NIELSEN \_\_\_\_\_ *Professor Emeritus of Foreign Language* (1918)  
B.A., M.A., University of Nebraska.
- JAMES ROBERT OVERMAN \_\_\_\_\_ *Dean Emeritus, College of Liberal Arts* (1914)  
B.A., Indiana University; M.A., Columbia University; Ph.D., University of Michigan.
- CLAUDE D. PERRY \_\_\_\_\_ *Registrar Emeritus* (1923)  
B.A., Ohio Wesleyan University.
- JOHN SCHWARZ \_\_\_\_\_ *Professor Emeritus of History* (1923)  
B.A., Miami University; M.A., University of Chicago.

Teaching Faculty

- FRANK J. PROUT \_\_\_\_\_ *President* (April, 1939)\*  
B.Litt., Ohio Wesleyan University; Ped.D., Ohio University, Ohio Wesleyan University.
- WILBUR J. ABELL \_\_\_\_\_ *Associate Professor of Business Administration* (1947)  
B.S., James Millikin University; M.S., University of Illinois.
- GERALD ACKER \_\_\_\_\_ *Assistant Professor of Biology* (1946)  
B.A., Allegheny College; M.S., University of Oklahoma.
- WILLIAM DON ALEXANDER \_\_\_\_\_ *Assistant Professor of Music* (1946)  
B.S.M., Mount Union College; M.S., North Texas State College.
- WARREN S. ALLEN \_\_\_\_\_ *Assistant Professor of Music* (1946)  
B.M., Southwestern (Kans.) College; M.M., University of Michigan.
- HAROLD ANDERSON \_\_\_\_\_ *Associate Professor of Health and Physical Education* (1942)  
*Director of Athletics*  
B.A., Otterbein College; M.A., University of Michigan.
- IRIS E. ANDREWS \_\_\_\_\_ *Assistant Professor of Health and Physical Education* (1945)  
B.S., Battle Creek College; M.A., University of Michigan.
- FRANK C. ARNOLD \_\_\_\_\_ *Assistant Professor of Psychology* (1948)  
B.S., M.A., Ohio State University.
- ROBERT T. AUSTIN \_\_\_\_\_ *Instructor of Industrial Arts* (1946)  
B.Ed., University of Toledo.
- FLORENCE E. BAIRD \_\_\_\_\_ *Associate Professor of Foreign Language* (1925)  
B.S. in Education, Bowling Green State University; B.A., M.A., Ohio State University.
- RUSSELL N. BAIRD \_\_\_\_\_ *Assistant Professor of Journalism* (1947)  
B.A., Kent State University; M.A., University of Wisconsin.
- JOSEPH K. BALOGH \_\_\_\_\_ *Assistant Professor of Sociology* (1949)  
B.S. in Education, California (Pa.) State Teachers College; M.Litt., Ph.D., University of Pittsburgh.
- ISABEL BARKER \_\_\_\_\_ *Instructor of Speech* (1947)  
B.S. in Education, Slippery Rock (Pa.) State Teachers College.
- CHARLES ALDEN BARRELL \_\_\_\_\_ *Professor of Political Science* (1940)  
*Chairman, Department of Political Science*  
B.A., Hampden Sydney College; M.A., University of Virginia; Ph.D., Ohio State University.
- †JAMES ROBERT BASHORE, JR. \_\_\_\_\_ *Instructor of English* (1948)  
B.S., University of Wisconsin; M.A., Bowling Green State University.

\* The date in parentheses is the date of first appointment to a position at Bowling Green State University.

† On leave of absence

# BOWLING GREEN STATE UNIVERSITY

# FACULTY

ANTHONY B. BAYNARD.....Assistant Professor of  
Foreign Language (1946)  
B.A., University of Scranton; M.A., Columbia University.

RALPH L. BECK.....Associate Professor of Education (1949)  
B.S., Indiana State Teachers College; M.S., Indiana University.

BRUCE BELLARD.....Instructor of Health and Physical Education (1948)  
B.S. in Education, Bowling Green State University.

FLORENCE E. BENDER.....Assistant Professor of Home Economics (1944)  
Director, Nursery School  
B.A., Goshen College; M.S., Purdue University.

HENRY BERTODATTO.....Instructor of Economics (1947)  
B.Ed., White Water (Wis.) State Teachers College; M.A., Northwestern University.

PATRICIA BERTODATTO.....Instructor of Speech (1946)  
B.A., Baldwin-Wallace College; M.A., Western Reserve University.

ELIZABETH L. BLACKBURN.....Assistant Professor of  
Business Education (1947)  
B.A., B.S. in Education, Ohio State University; M.Ed., University of Pittsburgh.

J. ROBERT BLACKBURN.....Assistant Professor of Health  
and Physical Education (1949)  
Health Coordinator  
B.S. in Education, Wittenberg College; M.A., University of Alabama.

ELEANOR M. BOETTKE.....Instructor of Home Economics (1948)  
B.S., Cornell University.

ARLO D. BOGGS.....Instructor of Chemistry (1949)  
B.S., Marietta College; M.S., Purdue University.

WAYNE R. BOHRNSTEDT.....Assistant Professor of Music (1947)  
B.M., M.M., Northwestern University.

ROBERT O. BONE.....Assistant Professor of Art (1948)  
B.S. in Education, University of Illinois; M.A., Columbia University.

DONALD W. BOWMAN.....Professor of Physics (1943)  
B.A., Mount Union College; M.A., Ph.D., Ohio State University.

J. RICHARD BOX.....Instructor of Economics (1949)  
B.A., Bowling Green State University; M.B.A., University of Michigan.

JOAN B. BRODIE.....Instructor of Health and Physical Education (1948)  
B.A., Cornell University; M.A., Columbia University.

PRUDENCE L. BROWN.....Assistant Professor of Speech (1947)  
B.F.A., University of Nebraska; M.A., University of Michigan.

HENRY W. F. BRUNS.....Instructor of Mathematics (1946)  
B.A., Defiance College; M.A., Bowling Green State University.

JOSEPH C. BUFORD.....Instructor of Geography  
and Geology (1949)  
B.Ed., M.S. in Education, Illinois State Normal University.

ZOLA H. BUFORD.....Instructor of Geography  
and Geology (1949)  
B.S. in Education, M.S. in Education, Illinois State Normal University.

CARROLL W. CHEEK.....Instructor of Business Administration (1948)  
B.S. in Business Administration, Bowling Green State University.

EDWARD SCOTT CLAPFLIN.....Assistant Professor of Political Science (1947)  
B.A., Oberlin College; M.A., Ph.D., Yale University.

JOHN R. COASH.....Instructor of Geography and Geology (1949)  
B.A., Colorado College; M.S., University of Colorado.

MILAN H. COBBLE.....Instructor of Engineering Drawing (1949)  
B.S. in Mechanical Engineering, University of Michigan.

MARY VIRGINIA COCHRAN.....Instructor of Home Economics (1947)  
B.S., Ohio State University; M.S., University of Minnesota.

CHARLES L. CODDING.....Instructor of Physics (1949)  
B.S., Bowling Green State University.

J. RUSSELL COFFEY.....Associate Professor of Health  
and Physical Education (1948)  
B.A., M.A., Ohio State University; Ed.D., New York University.

EILEEN C. COLLIER.....Instructor of Foreign Language (1948)  
B.A., M.A., Indiana University.

ELIZABETH A. CONLIN.....Instructor of English (1949)  
B.A., Mary Manse College; M.A., University of Michigan.

GILBERT W. COOKE.....Professor of Business Administration (1937)  
B.S., M.A., University of Minnesota; Ph.D., University of Wisconsin.

SAMUEL M. COOPER.....Associate Professor of Health  
and Physical Education (1946)  
Chairman, Department of Health and Physical Education; Coach  
B.A., Oberlin College; M.A., New York University.

WAYNE F. CORNELL.....Associate Professor of Mathematics (1943)  
B.S. in Education, Bowling Green State University; M. A., Ohio State University.

PAUL E. COWGILL.....Instructor of Engineering Drawing (1948)  
M.E., Ohio State University.

DANIEL J. CROWLEY.....Professor of Graphic Arts (1919)  
Chairman, Department of Graphic Arts  
B.S., Columbia University; M.Ph., University of Wisconsin.

JESSE J. CURRIER.....Associate Professor of Journalism (1940)  
Chairman, Department of Journalism  
B.A., Ohio Wesleyan University; M.A., Ohio State University.

R. THELMA D'ALMAINE.....Assistant Professor of Biology (1946)  
B.A., Westminster College; M.A., Columbia University.

JOHN R. DAVIDSON.....Assistant Professor of Business  
Administration (1946)  
B.S. in Education, Bowling Green State University; M.S. in Retailing, New York University.

DAVID J. DAVIES.....Assistant Professor of Economics (1947)  
B.S., St. Vincent College; M.S., University of Illinois.

EMILY R. DERRER.....Instructor of Music (1948)  
B.S. in Education, Bowling Green State University.

E. EUGENE DICKERMAN.....Professor of Biology (1936)  
B.A., Grand Island College; M.A., Ph.D., Northwestern University.

MARY CAROL DITTMAN.....Instructor of English (1949)  
B.S., M.A., University of Pittsburgh.

BETTY L. DRAWBAUGH.....Instructor of English (1949)  
B.A., B.S., Emporia (Kans.) State Teachers College; M.A., Columbia University.

MABEL E. DRENNAN.....Associate Professor of Foreign Language (1946)  
B.A., M.A., Ohio Wesleyan University.

GRACE DURRIN.....Associate Professor of English (1925)  
B.A., Hope College; M.A., University of Michigan.

RICHARD ECKER.....Instructor of Music (1948)  
B.S. in Education, Ohio State University.

MICHAEL F. ELLIS, JR.....Instructor of History (1947)  
B.A., M.A., University of Buffalo.

GERTRUDE EPPLER.....Associate Professor of Health  
and Physical Education (1941)  
B.S., Michigan State Normal College; M.S., University of Michigan.

MARY LOUISE EVERLY.....Instructor of Biology (1948)  
B.A., Indiana University; M.A., Stanford University.

LEON E. FAULEY.....Associate Professor of Music (1930)  
B.A., Wichita University; B.M., University of Kansas; M.A., Columbia University.

BARTON G. FETERMAN.....Instructor of Mathematics (1946)  
B.S. in Education, M.A., Ohio State University.

MYLEN E. FITZWATER.....Assistant Professor of Psychology (1948)  
B.S. in Education, M.A., Ohio State University.

MERLE E. FLAMM.....Instructor of Physics (1948)  
B.A., Ashland College; M.A., University of Michigan.



BOWLING GREEN STATE UNIVERSITY

- LYLE REXFORD FLETCHER.....Assistant Professor of Geography  
and Geology (1946)  
B.A., Ohio University; M.A., Ohio State University.
- GILES R. FLOYD.....Associate Professor of English (1948)  
B.A., Wofford College; M.A., Vanderbilt University; Ph.D., State University of  
Iowa.
- DOROTHY L. FORNIA.....Assistant Professor of Health  
and Physical Education (1947)  
B.S. in Education, M.A., Ohio State University.
- CECIL M. FREEBURNE.....Assistant Professor of Psychology (1948)  
B.S. in Education, Emporia (Kans.) State Teachers College; M.A., Ph.D., State  
University of Iowa.
- JOHN E. GEE.....Associate Professor of Education (1946)  
Director, Secondary Education  
B.A., Tusculum College; M.Ed., Ed.D., University of Pittsburgh.
- RALPH H. GEER.....Assistant Professor of Education (1948)  
Veterans' and New Students' Counselor  
B.A., Defiance College; M.A., Ohio State University.
- MARTHA M. GESLING.....Associate Professor of Education (1946)  
Director, Education Clinic  
B.A., Ohio Northern University; M.A., Ohio State University.
- SUE E. GESLING.....Instructor of Business Administration (1948)  
B.S. in Business Administration, Bowling Green State University; M.S., North-  
western University.
- ALICE GREINER.....Assistant Professor of Speech (1949)  
B.S. in Education, University of Cincinnati; M.S. in Education, Bowling Green  
State University.
- ANNA N. GRYTING.....Assistant Professor of Mathematics (1927)  
B.S., University of Minnesota; M.A., Columbia University.
- EARL C. HACKBARTH.....Assistant Professor of Psychology (1947)  
B.S., State University of Iowa; M.S., Purdue University.
- LEE Z. HAFKIN.....Instructor of Journalism (1947)  
B.Litt., New Jersey College for Women; M.S., Syracuse University.
- J. VILLASANA HAGGARD.....Associate Professor of  
Foreign Language (1947)  
B.A., M.A., Ph.D., University of Texas.
- W. HEINLEN HALL.....Professor of Chemistry (1936)  
B.A., Muskingum College; Ph.D., Ohio State University.
- AVERILL J. HAMMER.....Associate Professor of Chemistry (1946)  
B.S., Parsons College; M.S., Ph.D., Iowa State College of Agriculture and  
Mechanic Arts.
- HAROLD T. HAMRE.....Assistant Professor of Biology (1946)  
B.S., M.S., University of Wisconsin.
- GEORGE M. HANKEY.....Instructor of Business Education (1946)  
B.S., M.S. in Education, Bowling Green State University.
- MARCUS A. HANNA.....Instructor of Chemistry (1946)  
B.A., B.S. in Education, Bowling Green State University.
- RALPH G. HARSHMAN.....Professor of Business Administration (1936)  
Dean, College of Business Administration  
B.S. in Education, Ohio Northern University; M.A., Ph.D., Ohio State Univer-  
sity.
- DALE HAVEN.....Associate Professor of Music (1948)  
B.S. in Education, M.A., Ohio State University.
- LLOYD A. HELMS.....Professor of Economics (1938)  
Chairman, Department of Economics  
B.A., DePauw University; M.A., Ph.D., University of Illinois.
- HELEN W. HENDERSON.....Associate Professor of Home Economics (1925)  
B.Ph., University of Chicago; M.A., Columbia University.
- JOHN H. HEPLER.....Instructor of Speech (1949)  
B.A., M.A., Ohio Wesleyan University.

FACULTY

- LAURA E. HESTON.....Professor of Home Economics (1918)  
Chairman, Department of Home Economics  
B.S., Ohio State University; M.S., University of Chicago.
- J. LEVAN HILL.....Associate Professor of Industrial Arts (1948)  
B.S. in Education, California (Pa.) State Teachers College; M.Ed., Pennsyl-  
vania State College.
- JOSEPH E. HIMMEL.....Assistant Professor of Music (1947)  
B.A., North Central College; M.M., Northwestern University.
- †CLYDE HISSONG.....Professor of Education (1923)  
State University.  
B.S. in Education, Miami University; M.A., Columbia University; Ph.D., Ohio  
State University.
- FLOYD R. HOPACKER.....Instructor of Industrial Arts (1947)  
B.S. in Education, M.S. in Education, Bowling Green State University.
- KAREL HOLBIK.....Assistant Professor of Economics (1949)  
M.B.A., University of Detroit; J.D., Charles University, Czechoslovakia.
- MAJOR WILLIAM F. HORTON.....Assistant Professor of Military  
Science and Tactics (1948)  
B.S., United States Military Academy.
- MILOW R. HOWARD.....Instructor of Business Education (1948)  
B.S. in Education, M.S. in Education, Bowling Green State University.
- ELEANOR E. HRUBY.....Assistant Professor of Home Economics (1948)  
B.S., Ohio University; M.S., University of Washington.
- ROBERT ROGERS HUBACH.....Assistant Professor of English (1947)  
B.A., University of Kansas City; M.A., University of Colorado; Ph.D., Indiana  
University.
- HOWARD B. HUFFMAN.....Assistant Professor of  
Business Administration (1948)  
B.S. in Education, Wilmington College; M.B.A., University of Denver.
- WAYNE S. HUFFMAN.....Associate Professor of History (1938)  
B.A., Findlay College; M.A., University of Michigan.
- R. LYNN HUTCHISON.....Associate Professor of Biology (1946)  
B.A., College of Wooster; M.A., Ohio University; Ph.D., Northwestern Uni-  
versity.
- BARBARA R. JARVEY.....Instructor of Sociology (1948)  
B.S., M.A., Washington State College.
- MYRTLE JENSEN.....Associate Professor of Music (1938)  
B.M., St. Olaf College; B.M., American Conservatory; M.M., University of  
Rochester.
- OLDRICH JICHA.....Assistant Professor of Business Administration (1949)  
B.A., Western Reserve University; M.B.A., Harvard University.
- MADGE E. JOHNSON.....Associate Professor of Home Economics (1937)  
B.S., University of Arkansas; M.A., Columbia University.
- PAUL W. JONES.....Assistant Professor of Journalism (1941)  
Director, News Bureau  
B.A., Ohio Wesleyan University.
- WILLIAM C. JORDAN.....Associate Professor of Education (1925)  
B.S. in Education, M.A., Ohio State University.
- JOHN M. JOSEPH.....Instructor of Biology (1948)  
B.S., Allegheny College; M.A., Bowling Green State University.
- RICHARD L. KAISER.....Instructor of Psychology (1949)  
B.A., M.A., Bowling Green State University.
- HOWARD H. KANE.....Assistant Professor of Business  
Administration (1946)  
B.S., University of Dayton; B.S. in Education, M.A., Ohio State University.
- LOWRY B. KARNES.....Assistant Professor of Geography  
and Geology (1945)  
B.A., Muskingum College; M.A., Ph.D., Ohio State University.

- NORMAN C. KEIG ..... *Instructor of Economics* (1949)  
B.A., Ohio University; M.A., University of Michigan.
- JAMES PAUL KENNEDY ..... *Professor of Music* (1936)  
*Director, Choral Activities*  
B.A., William Penn College; B.M.Ed., M.M., Northwestern University; Ph.D., State University of Iowa.
- MARIETTA KERSHNER ..... *Instructor of Art* (1947)  
B.S. in Education, Bowling Green State University.
- PAUL ALFRED KINT ..... *Instructor of Chemistry* (1947)  
B.A., Findlay College; M.S., Ohio State University.
- EDWIN G. KNEPPER ..... *Professor of Business Education* (1923)  
*Chairman, Department of Business Education*  
B.A., B.S. in Education, Ohio State University; Ed.D., Harvard University.
- DAVID M. KRABILL ..... *Associate Professor of Mathematics* (1946)  
B.A., College of Wooster; M.A., Ph.D., Ohio State University.
- HENRY KRAUSE ..... *Instructor of Engineering Drawing* (1948)  
*Acting Chairman, Department of Engineering Drawing*  
B.A., Western Michigan College of Education.
- ESTON D. KREIGER ..... *Assistant Professor of Music* (1948)  
B.S., University of Cincinnati; M.M., Cincinnati Conservatory of Music.
- CHARLES J. LAKOFSKY ..... *Instructor of Art* (1948)  
B.F.A., Alfred University; M.A., Ohio State University.
- PAUL F. LEEDY ..... *Professor of English* (1938)  
*Chairman, Department of Library Science; Librarian*  
B.A., B.A. in Library Science, M.A., Ph.D., University of Michigan.
- LOWELL P. LELAND ..... *Associate Professor of English* (1946)  
B.A., Colby College; M.A., University of Maine; Ph. D., Ohio State University.
- VIRGINIA E. LELAND ..... *Instructor of English* (1948)  
B.A., Carson-Newman College; M.A., Ph.D., University of Chicago.
- HERSCHEL LITHERLAND ..... *Professor of Education* (1941)  
*Dean, College of Liberal Arts*  
B.A., Greenville College; M.A., University of South Dakota; Ph.D., University of Cincinnati.
- ROBERT A. LITZINGER ..... *Assistant Professor of Foreign Language* (1946)  
B.S. in Education, M.A., Ohio State University.
- DONALD S. LONGWORTH ..... *Assistant Professor of Sociology* (1949)  
B.S. in Education, M.A., Bowling Green State University.
- SAMUEL HARMON LOWRIE ..... *Professor of Sociology* (1939)  
B.A., Rice Institute; M.A., Ph.D., Columbia University.
- COLONEL WILLIAM C. LUCAS ..... *Professor of Military Science and Tactics* (1948)  
B.S., United States Military Academy.
- REA MCCAIN ..... *Professor of English* (1914)  
*Chairman, Department of English*  
B.A., National Normal University; B.A., Antioch College; M.A., Columbia University; Ph.D., New York University.
- ADELIN E. MCCLELLAND ..... *Associate Professor of Speech* (1946)  
*Director, Cerebral Palsy Center and Speech and Hearing Clinic*  
B.S., Slippery Rock (Pa.) State Teachers College; M.Ed., Pennsylvania State College.
- ROBERT STANLEY MCCORDOCK ..... *Associate Professor of History* (1947)  
B.A., Syracuse University; M.A., University of Buffalo; Ph.D., Columbia University.
- VIVIAN G. MCCRAVEN ..... *Assistant Professor of Psychology* (1948)  
B.A., M.A., Washington University.
- MERRILL C. MCEWEN ..... *Professor of Music* (1921)  
*Chairman, Department of Music*  
B.S. in Education, Columbia University; M.A., Ohio State University.
- KENNETH H. MCFALL ..... *Professor of Psychology* (1943)  
*Dean, College of Liberal Arts*  
B.S., Mount Union College; M.A., Ph.D., Western Reserve University.

- ROBERT E. MCKAY ..... *Assistant Professor of Physics* (1944)  
B.A., M.S., Ohio State University.
- GERALD MCLAUGHLIN ..... *Instructor of Music* (1946)  
Concertmaster, Toledo Orchestra.
- WILLIAM J. MCLENNAND ..... *Instructor of Psychology* (1948)  
B.S., University of Pittsburgh; M.A., University of Toledo.
- †FREDERICK R. MCLEOD ..... *Instructor of English* (1947)  
B.A., Bowling Green State University.
- DALE R. MCOMBER ..... *Instructor of Political Science* (1949)  
B.S. in Education, M.A., Bowling Green State University.
- LEWIS F. MANHART ..... *Associate Professor of Business Administration* (1937)  
B.S. in Education, Bowling Green State University; M.A., Ohio State University.
- ANN MARLEY ..... *Assistant Professor of Music* (1948)  
B.M., Cosmopolitan School of Music; M.M., Northwestern University.
- CLARE S. MARTIN ..... *Professor of Chemistry* (1923)  
*Chairman, Department of Chemistry*  
B.S., M.A., Ph.D., Ohio State University.
- HARRY R. MATHIAS ..... *Associate Professor of Mathematics* (1931)  
B.A., Indiana Central College; M.A., Indiana University.
- WILBER MATHIAS ..... *Instructor of Psychology* (1946)  
B.S., Adrian College; M.A., University of Pittsburgh.
- DAVID MATTHEWS ..... *Instructor of Health and Physical Education* (1947)  
*Coach; Intramural Director*  
B.S., M.S., University of Michigan.
- SAMUEL M. MAYFIELD ..... *Professor of Geography and Geology* (1936)  
*Chairman, Department of Geography and Geology*  
B.S., B.A., Berea College; Ph.D., University of Chicago.
- RALPH E. MEAD ..... *Assistant Professor of Speech* (1947)  
B.A., College of Wooster; M.A., University of Michigan.
- JOHN N. MEIGHAN ..... *Assistant Professor of Mathematics* (1947)  
B.A., Hillsdale College; M.S., University of Michigan.
- FRANK L. MEISLE ..... *Instructor of Speech* (1948)  
B.A., M.A., Bowling Green State University.
- AUDREY E. MEISTER ..... *Instructor of Chemistry* (1947)  
B.S., Kent State University.
- FRANK G. MESERVE ..... *Associate Professor of Biology* (1945)  
B.A., University of Nebraska; M.A., Northwestern University; Ph.D., University of Nebraska.
- M. HAROLD MIKLE ..... *Assistant Professor of Speech* (1947)  
B.A., Western Michigan College of Education; M.A., University of Michigan.
- LEWIS E. MILLER ..... *Assistant Professor of Chemistry* (1947)  
B.A., M.S., Ohio State University; Ph.D., University of Pittsburgh.
- MARGARET N. MILLER ..... *Instructor of Health and Physical Education* (1949)  
B.S., Bowling Green State University.
- HARVEY D. MINER ..... *Instructor of Industrial Arts* (1947)  
B.S. in Education, Bowling Green State University; M.Ed., Ohio University.
- †MHYRA S. MINNIS ..... *Instructor of Sociology* (1946)  
B.A., M.A., Oberlin College.
- JOHN K. MIRES ..... *Instructor of Journalism* (1948)  
B.S. in Journalism, Ohio State University; M.A., Bowling Green State University.
- OWEN D. MONTGOMERY ..... *Assistant Professor of Business Education* (1946)  
B.S. in Education, Ohio University; M.Ed., University of Pittsburgh.
- DOROTHY EVELYN MOULTON ..... *Assistant Professor of English* (1946)  
B.A., Randolph-Macon Woman's College; M.A., University of Pittsburgh.

BOWLING GREEN STATE UNIVERSITY

- GEORGE MUELLICH *Instructor of Health and Physical Education* (1942)  
B.S. in Education, Michigan State Normal College.
- HERBERT E. MUNTZ *Assistant Professor of English* (1945)  
B.A., M.A., Ohio State University.
- ORRA IRENE MUTER *Instructor of Business Education* (1947)  
B.S., Ferris Institute; M.S., University of Tennessee.
- EVERETT C. MYERS *Associate Professor of Biology* (1947)  
*Curator, University Museum*  
B.A., Western Reserve University; Ph.D., Johns Hopkins University.
- VIRGINIA MYERS *Assistant Professor of English* (1946)  
B.A., College of Wooster; M.A., Radcliff College; M.Litt., University of Cambridge, England.
- JOHN A. NEPTUNE *Assistant Professor of Chemistry* (1949)  
B.S., Muskingum College; M.S., University of Wisconsin.
- MAURICE NIELSEN *Assistant Professor of Philosophy* (1948)  
B.A., Linfield College; S.T.B., Ph.D., Harvard University.
- BERNARD FREDERICK NORDMANN *Professor of History* (1929)  
B.A., Stanford University; M.A., Ph.D., University of Illinois.
- PAULA NYSSONEN *Instructor of English* (1947)  
B.A., M.A., Western Reserve University.
- HAROLD B. OBBE *Assistant Professor of Speech* (1946)  
*Director, Community Drama Service*  
B.A., Adrian College; M.A., Ohio State University.
- FLORENCE S. OGG *Instructor of Mathematics* (1938)  
B.S. in Education, Eastern Illinois State Teachers College; M.A., University of Illinois.
- FRANK CHAPPELL OGG *Professor of Mathematics* (1931)  
*Chairman, Department of Mathematics*  
B.A., University of New Mexico; M.A., Ph.D., University of Illinois.
- NELLIE A. OGLE *Associate Professor of Business Education* (1926)  
B.A., State University of Iowa; M.A., University of Chicago.
- JOHN F. OGLEVEE *Assistant Professor of History* (1949)  
B.A., M.A., Ph.D., Ohio State University.
- CHARLES H. OTIS *Professor of Biology* (1930)  
B.A., Ph.D., University of Michigan.
- JAMES ROBERT OVERMAN *Professor of Mathematics* (1914)  
*Dean Emeritus, College of Liberal Arts*  
B.A., Indiana University; M.A., Columbia University; Ph.D., University of Michigan.
- HERBERT J. OYER *Instructor of Speech* (1948)  
B.A., Bluffton College; M.S. in Education, Bowling Green State University.
- BERYL MARGARET PARRISH *Instructor of English* (1946)  
B.S. in Education, M.A., Ohio State University.
- ALMA J. PAYNE *Instructor of English* (1946)  
B.A., College of Wooster; M.A., Western Reserve University.
- DONALD C. PETERSON *Instructor of Journalism* (1948)  
B.J., University of Missouri.
- RUTH C. PICKUP *Assistant Professor of Business Administration* (1948)  
B.S., Northwestern University; M. Ed., University of Buffalo.
- BENJAMIN L. PIERCE *Professor of Business Administration* (1939)  
*Chairman, Department of Business Administration*  
B.A., Oberlin College; M.A., Columbia University; J.D., University of Michigan.
- † WANDA PITMAN *Instructor of Music* (1946)  
B.M., B.M. in Education, Oberlin College.
- GROVER C. PLATT *Associate Professor of History* (1946)  
*Chairman, Department of History*  
B.A., State University of Iowa; M.A., Tufts College; Ph.D., State University of Iowa.

† On leave of absence

FACULTY

- VIRGINIA BEVER PLATT *Assistant Professor of History* (1947)  
B.A., University of Washington; M.A., University of California; Ph.D., State University of Iowa.
- EARL CLAIR POWELL *Associate Professor of Industrial Arts* (1923)  
B.S. in Education, M.A. in Education, Ohio State University.
- MARTHA E. PURDOM *Associate Professor of Home Economics* (1944)  
B.S., Ohio State University; M.S., University of California at Los Angeles.
- JOHN K. RANEY *Assistant Professor of Engineering Drawing* (1939)  
*University Architect*  
B.Arch., Ohio State University.
- ESKO KAIN RENTOLA *Assistant Professor of Art* (1947)  
B.F.A., M.F.A., State College of Washington.
- CECIL L. REW *Professor of Foreign Language* (1935)  
*Chairman, Department of Foreign Languages*  
B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
- KARL RICHARDS *Assistant Professor of Art* (1947)  
B.S. in Education, Western Reserve University; M.A., State University of Iowa.
- SYLVIA RICHARDS *Instructor of Library Science* (1947)  
B.A., Ohio Wesleyan University; B.A. in Library Science, University of Michigan; M.A., Ohio State University.
- ROBERT D. RIGHEY *Instructor of Speech* (1948)  
B.A., M.A., Ohio State University.
- EARL A. ROTH *Associate Professor of Business Education* (1947)  
B.S., M.A., Ohio State University.
- ADRIAN W. RULAND *Instructor of Chemistry* (1949)  
B.A., Colgate University; M.S. in Education, Syracuse University; M.S., Ohio State University.
- ALLAN SAWDY *Instructor of Health and Physical Education* (1944)  
B.S., Michigan State Normal College.
- ARTHUR M. SAXE *Instructor of English* (1949)  
B.A., St. Lawrence University; M.A., Columbia University.
- WILLIAM E. SCHLENDER *Assistant Professor of Business Administration* (1947)  
B.A., Valparaiso University; M.B.A., University of Denver.
- WILLIAM F. SCHMELTZ *Assistant Professor of Business Administration* (1947)  
B.B.A., University of Toledo; M.B.A., Harvard University.
- ALICE SCHOCKE *Instructor of Home Economics* (1946)  
B.S. in Education, Miami University; M.S., Ohio State University.
- GRAYCE M. SCHOLT *Instructor of English* (1949)  
B.S. in Education, M.A., Bowling Green State University.
- HARRY W. SCHULKE *Instructor of Art* (1949)  
Cleveland School of Art; Chicago Institute of Design.
- C. EDWARD SCHUMACHER *Instructor of Industrial Arts* (1947)  
B.S. in Education, Bowling Green State University.
- CAROLYN SHAW *Associate Professor of Health and Physical Education* (1923)  
B.A., Smith College; B.S., Simmons College; M.A., Columbia University.
- CLIFFORD BYRON SHIPLEY *Associate Professor of Business Education* (1947)  
B.S., Baker University; M.A., University of Michigan; Ed.D., Columbia University.
- EMERSON C. SHUCK *Professor of English* (1943)  
*Director, Graduate School*  
B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin.
- BERTIL G. F. SIMA *Associate Professor of Foreign Language* (1946)  
B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany.
- WILLARD E. SINGER *Associate Professor of Physics* (1927)  
*Chairman, Department of Physics*  
B.S., Capital University; B.E.E., M.A., Ohio State University.

## BOWLING GREEN STATE UNIVERSITY

- ELDEN T. SMITH ..... *Professor of Speech* (1940)  
*Chairman, Department of Speech and Dramatic Arts;*  
*Director, University Theatre*  
 B.A., Ohio Wesleyan University; M.A., Ph.D., Western Reserve University.
- GEORGE R. SNYDER ..... *Assistant Professor of Education* (1949)  
*Director, University Elementary School*  
 B.A., Heidelberg College; M.A., Ph.D., Ohio State University.
- HARRY SPANGLER ..... *Associate Professor of Music* (1947)  
 B.S., M.A., University of North Dakota.
- HAROLD GLENDON STEELE ..... *Assistant Professor of English* (1946)  
 B.A., Northwestern University; M.A., Ohio State University.
- WALDO E. STEIDTMANN ..... *Professor of Biology* (1936)  
*Chairman, Department of Biology*  
 B.A., University of Wisconsin; M.S., Ph.D., University of Michigan.
- WARREN E. STELLER ..... *Professor of Health and Physical Education* (1924)  
*Coach*  
 B.A., Oberlin College; M.A., Columbia University.
- ROBERT E. STINSON ..... *Instructor of Art* (1949)  
 B.F.A., University of Illinois; M.A., M.F.A., State University of Iowa.
- †JOHN W. STOCKTON ..... *Instructor of History* (1946)  
 B.S., M.A., Miami University.
- HUBERT P. STONE ..... *Instructor of Library Science* (1946)  
 B.A., Ohio Northern University; B.S. in Library Science, Western Reserve University; M.A., Oberlin College.
- SIDNEY C. STONE ..... *Associate Professor of Speech* (1944)  
*Director, Campus Radio Station WRSM*  
 B.A., M.A., Ohio Wesleyan University.
- C. GLENN SWANSON ..... *Professor of Sociology* (1934)  
*Acting Chairman, Department of Sociology*  
 B.A., M.A., Colorado State College of Education; Ph.D., New York University.
- JACQUELINE E. TIMM ..... *Assistant Professor of Political Science* (1946)  
 B.A., M.A., Ph.D., University of Texas.
- MAE A. TINDALL ..... *Assistant Professor of Education* (1941)  
 B.A., Willamette University; M.A., Columbia University.
- HAROLD E. TINNAPPEL ..... *Assistant Professor of Mathematics* (1949)  
 B.S. in Education, M.A., Ohio State University.
- AMY TORGERSON ..... *Instructor of Health and Physical Education* (1947)  
 B.S., Central Missouri State Teachers College; M.A., New York University.
- ROLAND M. TORGERSON ..... *Associate Professor of Industrial Arts* (1947)  
*Chairman, Department of Industrial Arts*  
 B.S., M.A., University of Minnesota.
- ARTHUR B. TRELSTAD ..... *Instructor of Sociology* (1948)  
 B.A., Hofstra College; M.A., New York University.
- BETTY JEAN TROEGER ..... *Instructor of Music* (1946)  
 B.S. in Education, Bowling Green State University; M.M., Northwestern University.
- TOM HOLLINGSWORTH TUTTLE ..... *Professor of Philosophy* (1946)  
*Chairman, Department of Philosophy*  
 B.A., M.A., University of Texas; Ph.D., University of Southern California.
- ROBERT W. TWYMAN ..... *Assistant Professor of History* (1948)  
 B.A., Indiana University; M.A., University of Chicago.
- †LELAND S. VAN SCOYOC ..... *Assistant Professor of Economics* (1946)  
 B.S., M.S., Kansas State College.
- HARMON VOSKUIL ..... *Assistant Professor of Economics* (1946)  
 B.A., Hope College; M.A., University of Minnesota.
- WILLIAM S. WAGNER ..... *Assistant Professor of Education* (1947)  
 B.S. in Education, Bowling Green State University; M.A., Ohio State University.

† On leave of absence

## FACULTY

- †FREDERICK G. WALSH ..... *Associate Professor of Speech* (1945)  
 B.S., M.S., North Carolina State College; M.A., University of North Carolina.
- WILLARD F. WANKELMAN ..... *Associate Professor of Art* (1946)  
*Chairman, Art Department*  
 B.S. in Education, M.A., Ohio State University.
- J. ELLIOTT WEBER ..... *Associate Professor of Chemistry* (1937)  
 B.A., M.A., Ph.D., Indiana University.
- WILLIAM J. WEIERSHEUSER ..... *Assistant Professor of Foreign Language* (1947)  
 B.A., Wayne State Teachers College; M.A., University of Nebraska.
- LOIS M. WELLOCK ..... *Assistant Professor of Health and Physical Education* (1948)  
 B.S., Michigan State Normal College; M.S., University of Michigan; Registered Physical Therapist, Northwestern University.
- JOHN EVERETT WENRICK ..... *Professor of Psychology* (1947)  
*Chairman, Department of Psychology*  
 B.A., M.A., Ph.D., Ohio State University.
- ROBERT H. WHITTAKER ..... *Assistant Professor of Health and Physical Education* (1941)  
*Coach*  
 B.S., Miami University; M.A., Bowling Green State University.
- E. ELOISE WHITWER ..... *Assistant Professor of Biology* (1946)  
 B.A., Grand Island College; M.A., University of Nebraska.
- PHILIP R. WIGG ..... *Instructor of Art* (1948)  
 B.A., Park College; M.F.A., State University of Iowa.
- FRANCIS F. WILCOX ..... *Instructor of Music* (1949)  
 B.A., M.A., State University of Iowa.
- ALLEN V. WILEY ..... *Assistant Professor of Economics* (1946)  
 B.A., M.A., Lafayette College.
- VIOLA WILLEKE ..... *Instructor of English* (1946)  
 B.S. in Education, Ohio Northern University; M.A., University of Michigan.
- FLORENCE J. WILLIAMSON ..... *Professor of Education* (1936)  
 B.A., Cedarville College; M.A., Ph.D., Ohio State University.
- BEVERLY L. WINEGARTNER ..... *Instructor of Sociology* (1949)  
 B.A., Texas State College for Women; M.A., Ohio State University.
- E. HARRY WOHLER ..... *Assistant Professor of Mathematics* (1946)  
 B.A., Wittenberg College; M.A., University of Toledo.
- BERNARD J. WRIGHT ..... *Instructor of English* (1949)  
 B.A., M.A., University of Michigan.
- JAMES CLYDE WRIGHT ..... *Assistant Professor of Psychology* (1947)  
*Director, Psychology Clinic*  
 B.A., Muskingum College; M.A., Ohio State University.
- HADLEY YATES ..... *Assistant Professor of Music* (1946)  
 B.M., M.M., Northwestern University.
- MARGARET YOCOM ..... *Associate Professor of Library Science* (1929)  
 B.A., Oberlin College; B.S. in Library Science, Western Reserve University.
- CHARLES W. YOUNG ..... *Associate Professor of Education* (1945)  
*Director, Elementary Education*  
 B.A., Ohio Wesleyan University; M.A., Ph.D., Ohio State University.
- WALTER A. ZAUGG ..... *Professor of Education* (1923)  
*Chairman, Department of Education; University Orator*  
 B.A., Valparaiso University; B.A., Indiana University; M.A., Columbia University; Ph.D., New York University.
- ARTHUR ZUELZKE ..... *Assistant Professor of Music* (1944)  
*Director, Wind Instruments*  
 B.S., University of Cincinnati; M.A., University of Michigan.

† On leave of absence

Library Staff

PAUL F. LEEDY	Librarian
B.A., B.A. in Library Science, M.A., Ph.D., University of Michigan.	
CATHERINE ELLIS	Acquisition Librarian
B.S. in Education, Ohio Northern University; B.S. in Library Science, Western Reserve University.	
EVALYN L. KAISER	Library Assistant
B.S. in Education, Bowling Green State University.	
RUTH KILMER	Periodicals Librarian
B.S. in Education, Duquesne University; B.S. in Library Science, Western Reserve University.	
RUBY L. KING	Documents Librarian
B.A., Hillsdale College; B.A. in Library Science, University of Michigan.	
VIRGINIA MERRELL	Library Circulation Manager
B.A., Bowling Green State University.	
SYLVIA RICHARDS	Reference Librarian
B.A., Ohio Wesleyan University; B.A. in Library Science, University of Michigan; M.A., Oberlin College.	
DOROTHY S. STOCKTON	Library Assistant
B.S. in Education, Miami University.	
HUBERT P. STONE	Reference Librarian
B.A., Ohio Northern University; B.S. in Library Science, Western Reserve University; M.A., Oberlin College.	
EANGHILD N. STONE	Library Assistant
B.A., M.A., Oberlin College.	
MARGARET YOCOM	Associate Librarian
B.A., Oberlin College; B.S. in Library Science, Western Reserve University.	

Cerebral Palsy Center

ADELINE MCCLELLAND	Director
B.S., Shippery Rock (Pa.) State Teachers College; M.Ed., Pennsylvania State College.	
MARGARET I. BASS	Occupational Therapist
B.S. in Home Economics, University of Illinois; Registered Occupational Therapist, Milwaukee-Downer College.	
PRUDENCE L. BROWN	Speech Therapist
B.F.A., University of Nebraska; M. A., University of Michigan.	
EDNA E. FISCUS	Physical Therapist
B.S. in Education, Bowling Green State University; Registered Physical Therapist, Mayo Clinic.	

Part-Time Appointments

DOROTHY H. ABELL	Instructor of English and Business Education
B.S., University of Illinois; M.A., Columbia University.	
ROBERT ANDERSON	Instructor of Music
B.A., Capital University; M.A., Ohio State University.	
HENRIETTA S. BAYNARD	Instructor of Foreign Language
B.A., University of Michigan.	
NANCY L. COBBLE	Instructor of English
B.A., University of Michigan.	
THOMAS CURTIS	Instructor of Music
B.A., University of Michigan; S.T.B., Boston University.	
HERMAN A. DENNIS	Instructor of Music
B.S. in Education, Bowling Green State University.	
VERNON B. DUNHAM	Assistant Instructor of Health and Physical Education
Assistant Coach	
B.S. in Education, Bowling Green State University.	
MARION V. HILL	Instructor of English
B.A., Juniata College.	

FACULTY

ROBERT C. JONES	Instructor of Music
Member, Detroit Symphony Orchestra.	
MARJORIE C. KREISCHER	Instructor of English
B.S. in Education, M.A., Bowling Green State University.	
DOROTHY M. LUEDTKE	Assistant Instructor of Health and Physical Education
B.S. in Education, Bowling Green State University.	
MARIE C. S. MCLENNAND	Instructor of English
B.A., M.A., University of Pittsburgh.	
ELIZABETH A. MENZI	Assistant Instructor of Health and Physical Education
B.A., Oberlin College.	
CHARLES C. MINCH	Assistant Instructor of Economics
B.A., Baldwin-Wallace College.	
CLYDE E. OTTO	Lecturer of Business Law
L.L.B., University of Toledo.	
ROBERT G. RIEGLE	Lecturer of Business Law
B.S. in Education, Bowling Green State University; L.L.B., Ohio State University.	
DONALD R. STREIBIG	Instructor of Speech
B.A., Heidelberg College.	
JAMES C. WHITTAKER	Assistant Instructor of Health and Physical Education
Assistant Coach	
B.S. in Education, Bowling Green State University.	
RAYMOND C. WHITTAKER	Assistant Instructor of Health and Physical Education
Assistant Coach	
B.S. in Education, Bowling Green State University.	

Graduate Assistants

DARRELL F. ALLISON	Biology
B.A., Bowling Green State University.	
ROBERT J. BALSKE	Biology
B.A., Bowling Green State University.	
MRS. ROBERT CHAMBERS	English
B.A., Baldwin-Wallace College.	
HOWARD R. DELANCY	Business Administration
B.S. in Business Administration, Bowling Green State University.	
CLEMENCIA DIAZ	Foreign Languages
B.S. in Education, Bowling Green State University.	
RICHARD E. DRAIN	English
B.A., B.S. in Education, Bowling Green State University.	
CHARLOTTE EARDLEY	History
B.A., Baldwin-Wallace College.	
JOHN W. FLEMING	English
B.A., University of Kansas City.	
PHYLLIS A. FOLTS	English
B.A., Bowling Green State University.	
EVELYN M. GRONBERG	Speech
B.A., Ohio Wesleyan University.	
PAUL A. HAUPRICHT	Education
B.S. in Education, Bowling Green State University.	
MARK HIMMELBERGER	History
B.A., Otterbein College.	
ROBERT A. JORDAN	Biology
B.S., Defiance College.	
FRANK L. JUSZLI	Mathematics
B.S., Teachers College of Connecticut.	



## Bowling Green Junior High School

- ERNEST N. LITTLETON.....Principal (1930)  
B.A., Miami University; M.A., Columbia University.
- CLAYTON R. COOK.....Supervising Teacher, Physical Education (1934)  
B.A., Marietta College; M.A., Ohio State University.
- JANE EICHENAUER.....Supervising Teacher, Home Economics (1949)  
B.S. in Education, Bowling Green State University.
- ELIZABETH D. GELVIN.....Supervising Teacher, English (1930)  
B.S. in Education, M.A., Ohio State University.
- ROBERT HEIGHBERGER.....Supervising Teacher, Industrial Arts (1948)  
B.S. in Education, Kent State University.
- ROY V. HILTY.....Supervising Teacher, Vocal Music (1928)  
B.A., Bluffton College; M.A., Ohio State University.
- ELIZABETH E. INMANN.....Supervising Teacher, Science (1929)  
B.S. in Education, M.A., Ohio State University.
- JOHN J. KLEINFELTER.....Supervising Teacher, Social Science (1931)  
B.A., Heidelberg College; M.A., Ohio State University.
- MARY ANNE LIVELY.....Supervising Teacher, Physical Education (1949)  
B.A., Fairmont State College; M.A., Ohio State University.
- LAURABEL MOONEY.....Supervising Teacher, Physical Education (1941)  
B.S. in Education, Ohio State University.
- REX MOORHEAD.....Supervising Teacher, Mathematics (1948)  
B.S. in Education, Bowling Green State University.
- R. EUGENE MORSE.....Supervising Teacher, History (1930)  
B.A., Western Michigan College of Education; M.A., Columbia University.
- FERRIS W. MYRICE.....Supervising Teacher, Science (1929)  
B.A., Defiance College; M.A., Ohio State University.
- NELLIE M. RANDALL.....Supervising Teacher, English (1929)  
B.S. in Education, Bowling Green State University; M.A., Columbia University.
- HAZEL V. UNDERHILL.....Supervising Teacher, English (1930)  
B.A., Michigan State Normal College; M.A., University of Michigan.
- RICHARD VAN ALLEN.....Supervising Teacher, Mathematics (1946)  
B.A., Pindlay College; M.S. in Education, Bowling Green State University.
- JEAN SAMPSON WEESTON.....Supervising Teacher, Mathematics (1948)  
B.S. in Education, Bowling Green State University.
- WILLIAM H. WEESTON.....Supervising Teacher, Business Education (1946)  
B.S., Bowling Green State University; M.A., Columbia University.

## Bowling Green Senior High School

- JOHN W. PARLETTE.....Principal (1937)  
B.A., Ohio Wesleyan University; M.A., Cornell University.
- WALTER A. ALEXANDER.....Supervising Teacher, Agriculture (1924)  
B.S. in Agriculture, M.A., Ohio State University.
- ESTHER J. ALLMAN.....Supervising Teacher, English (1947)  
B.S., Ohio State University.
- ELMER L. BOYLES.....Supervising Teacher, Mathematics (1916)  
B.A., Otterbein College; M.A., Ohio State University.
- JOHN LAWRENCE CLARKE.....Supervising Teacher, Biology (1940)  
B.A., Ohio Wesleyan University; M.A., Ohio State University.
- KENNETH C. DOEHRING.....Supervising Teacher, Business Education (1939)  
B.S., Bowling Green State University; M.A., Columbia University.
- JAMES R. GRABILL.....Supervising Teacher, Instrumental Music (1948)  
B.A., Oberlin College; M.A., Ohio State University.
- WILMA GRANGER.....Supervising Teacher, Speech and Hearing Therapy (1948)  
B.S. in Education, M.S. in Education, Bowling Green State University.
- ESTHER HAYHURST.....Supervising Teacher, History (1938)  
B.S. in Education, Bowling Green State University; M.A., University of Michigan.

- THOMAS KINKADE.....Supervising Teacher, Physical Education (1949)  
B.S., Ohio State University.
- RUBY D. LEVIER.....Supervising Teacher, Art (1928)  
B.S., M.A., Ohio State University.
- VIRGINIA A. MALLORY.....Supervising Teacher, English (1944)  
B.A., Wittenberg College; M.A., Ohio State University.
- HAZEL M. MERCER.....Supervising Teacher, French, English (1927)  
B.S. in Education, Bowling Green State University; M.A., Columbia University.
- MAURICE M. MERCER.....Supervising Teacher, Economics, Journalism (1923)  
B.S. in Education, Bowling Green State University; M.A., Ohio State University.
- DONALD G. ORGAN.....Supervising Teacher, Science (1926)  
B.S., Wilmington College; M.A., University of Cincinnati.
- WARREN F. OTT.....Supervising Teacher, Physical Education (1937)  
B.S., Miami University; M.A., Columbia University.
- WILBUR A. RIDER.....Supervising Teacher, Business Education (1931)  
B.S. in Education, Bowling Green State University; M.B.A., Ohio State University.
- MARGARET A. ROBSON.....Supervising Teacher, Latin (1916)  
B.A., Oberlin College; M.A., Columbia University.
- RAYMOND RUBRAKE.....Supervising Teacher, Spanish, History (1924)  
B.A., Marietta College; M.A., Ohio State University.
- KATHERINE M. RUH.....Supervising Teacher, Physical Education (1928)  
B.S. in Education, M.A., Ohio State University.
- FRANKLIN G. SKIBBIE.....Supervising Teacher, Social Problems (1926)  
B.S. in Education, Bowling Green State University; M.A., Columbia University.
- HARRY O. STOUT.....Supervising Teacher, Chemistry (1920)  
B.S. in Agriculture, M.A., Ohio State University.
- RUSSEL A. SWIGART.....Supervising Teacher, Industrial Arts (1928)  
B.S. in Education, University of Wisconsin; M.A., Columbia University.
- ALLINE YOUREE.....Supervising Teacher, Home Economics (1937)  
B.S., Tennessee State Teachers College; M.A., Peabody College.

## Hospital Staff

- DR. JAMES W. HALPHILL, JR. ....Physician
- DR. WINSHIP H. BROWN.....Associate Physician
- HUBERT E. SCHWARZ.....General Manager
- MINNIE HARRIS.....Registered Nurse
- RUTH SARGENT.....Registered Technician
- WINONA SCOTT.....Registered Nurse
- MARIE SEKINGER.....Nurse
- MARJORIE SHERIDAN.....Receptionist
- THELMA STEVENSON.....Registered Nurse
- KATHRYN WRIGHT.....Registered Nurse

## Campus Police

- WILLIAM J. ROHRS, Chief
- RUSSELL M. BASCOM
- JOHN W. CROM
- DEWEY C. HARBIN
- ALVA R. LEIN
- HAROLD TRAVIS
- RAYMOND H. WEBB

## ROTC Staff

- M/SGT. JOHN E. DENN.....Sergeant Major
- M/SGT. HOWELL TAYLOR.....Instructor