DESCRIPTION OF COURSES—MUSIC

*409 (402)—ADVANCED CALCULUS (3)
Selected topics in advanced calculus. Prerequisite: Mathematics 202. Offered in 1950-51 and in alternate years.
(1)

*410—ADVANCED CALCULUS (2)
Continuation of Mathematics 406. Prerequisite: Mathematics 408. Offered in 1950-1951 and in alternate years.
(2)

*412—VECTOR ANALYSIS (3)
Vector and scalar algebra and geometry; differentiation, integration, and differential operators; general coordinates; harmonic functions; potential; applications to electric theory and hydro-dynamics. Prerequisite: Mathematics 212 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)
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)
A continuation of Mathematics 510. Prerequisite: Mathematics 510. Offered in summer.
(2)

520—MODERN ALGEBRA (3)
An introductory course in higher algebra.
(1)

521—MODERN ALGEBRA (3)
A continuation of Mathematics 520. Prerequisite: Mathematics 520. Offered in summer.
(2)

530—ALGEBRAIC GEOMETRY (3)
Plane algebraic curves, transformations, and invariants. Offered in summer.
(2)

531—ALGEBRAIC GEOMETRY (3)
Curves and surfaces in three dimensions, transformations, and invariants. Offered in summer.
(2)

540—THEORY OF GROUPS (3)
Finite groups. Applications to algebra and geometry. Offered in summer.
(1)

541—THEORY OF GROUPS (3)
A continuation of Mathematics 540. Prerequisite: Mathematics 540. Offered in summer.
(2)

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 Feiler, Horan, Jensen, Spangler; Assistant Professors Alexander, Allen, Bohnstedt, Himmel, Krieger, Marxley, Yates, Zuelke; Instructors Dennis, Derr, Ecker, Mais, McLaughlin, Pitman, Troeger; Mr. Curtiss.

COURSES IN THEORY, HISTORY, AND APPRECIATION

*101—SIGHT SINGING AND EAR TRAINING (2)
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)
A continuation of Music 101. Four hours a week. Prerequisite: Music 101.
(2)

*103—NOTATION AND THEORY (2)
Elementary notation, 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. Offered in 1950-51, even years.
(2)

*104—MELODY WRITING AND ELEMENTARY FORM (2)
Tone tendencies. Melodies in the simplest 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, Zuelke
Basic terms and signs. Fundamental conducting techniques.
(1)

*108—INTERMEDIATE CONDUCTING AND TERMINOLOGY (1)
Ecker, Pitman, Zuelke
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.
(2)

*202—SIGHT SINGING AND EAR TRAINING (2)
Alexander, McEwen
A continuation of Music 201. Four hours a week. Prerequisite: Music 201.
(2)

*205 (208)—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
(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 (2)
Jensen
General course. Readings, reports, recorded music. Survey of all periods.
(1)

*306—HISTORY AND APPRECIATION (2)
Jensen
A continuation of Music 305. Prerequisite: Music 305.
(2)

*309—MODERN MUSIC (2)
Bohnstedt
An analysis course in recent and contemporary music. Prerequisites: Music 304, 306.
(1)
DESCRIPTION OF COURSES—MUSIC

*311—Choral Literature (1)
Reading and study of cantatas, oratorios, and other choral compositions, classical and modern. Two hours a week. Prerequisite: Music 302. (1)

*315—Orchestration (2)
Scoring for orchestral choirs and ensembles and full orchestra. Prerequisite: Music 304. (1)

*316—Composition (2)
Original composition in songs and instrumental forms. Prerequisite: Music 304. (2)

*317—Music Appreciation (2)
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)
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)
A continuation of Music 318. Laboratory fee, $2.00. (2)

*320—Band Arranging (2)
Scoring for band choirs, ensembles, and full band. (2)

COURSES IN MUSIC EDUCATION

203—Introduction to Public School Music (1)
Purpose and place of music in the general scheme of education. Two hours a week. (1)

204—Introduction to Public School Music (1)
A continuation of Music 203. Prerequisite: Music 203. (2)

351—Teaching of Music (2)
Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1)

352—Methods in Music Appreciation (2)
The basis of music appreciation. Subject matter and methods. Preparation and teaching typical lessons. Prerequisite: Education 309. (2)

355—Methods in Secondary Music (2)
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)
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, woodwind, 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.

MUSICAL ORGANIZATIONS

100—Small Ensembles (1 a semester)
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 (1/2 a semester)
The Band, Festival Chorus, A Cappella Choir, 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)
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)

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)

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)

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

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)

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

*202 (302)—Ethics (3)

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

*204—Aesthetics (3)

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)

A more extended study of some of the fundamental and persistent philosophical problems treated in Introduction to Philosophy. Prerequisite: Philosophy 201. (2)
**DESCRIPTION OF COURSES—MILITARY SCIENCE, MUSIC**

*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. 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 1950-51 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, Tenn.  

*101-102—MILITARY SCIENCE AND TACTICS I  
(1st year basic; 2 each semester)  
STAFF  
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  
(2nd year basic; 2 each semester)  
STAFF  
Leadership, drill, and exercise of command; tactics and technique of field artillery. Prerequisite: Military Science 101, or veteran with minimum of one year active duty. Fee, $1.00 each semester.  
(1, 2)

*301-302—MILITARY SCIENCE AND TACTICS III  
(1st year advance; 3 each semester)  
STAFF  
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  
(2nd year advance; 3 each semester)  
STAFF  
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, Bohrstedt, Himmel, Krieger, Marley, Yates, Zuehlke; Instructors Derrer, Ecker, McLaughlin, Pitman**, Troeger, Wilcox; Mr. Anderson, Mr. Curtis, Mr. Denig, Mr. Jones.  

**On leave of absence**

---

**DESCRIPTION OF COURSES—MUSIC**

*101—SIGHT SINGING AND EAR TRAINING (2)  
Alexander  
Fundamental principles of pitch and rhythm as a basis for sight-singing, 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)  
Borhstedt, 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)  
Borhstedt, Yates  
Four-part writing; harmonic dictation; keyboard. Prerequisite: Music 102, or equivalent. Parallel: Music 102.  
(2)

*107 (307)—ELEMENTARY CONDUCTING AND TERMINOLOGY (1)  
Eckert, Wilcox, Zuehlke  
Basic terms and signs; fundamental conducting techniques.  
(1)

*108—INTERMEDIATE CONDUCTING AND TERMINOLOGY (1)  
Eckert, Wilcox, Zuehlke  
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 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)

*302—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) 
A continuation of Music 305.

JENSEN 
(2)

*309—MODERN MUSIC (2) 
An analysis course in recent and contemporary music. Prerequisites: Music 304, 306.

BOHRNSTEDT
(1)

*311—CHORAL LITERATURE (1) 
Reading and study of cantatas, oratorios, and other choral compositions, classical and modern. Two hours a week. Prerequisite: Music 202.

ALLEN
(1)

*315—ORCHESTRATION (2) 
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.

BOHRNSTEDT
(1)

*316—COMPOSITION (2) 
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.

BOHRNSTEDT
(1)

*317—MUSIC APPRECIATION (2) 
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.

MCEWEN
(2)

*318—SYMPHONIC LITERATURE (1) 
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.

JENSEN
(1)

*319—SYMPHONIC LITERATURE (1) 
A continuation of Music 318. Laboratory fee, $2.00.

JENSEN
(2)

*320—BAND ARRANGING (2) 
Scoring for band choirs, ensembles, and full band.

BOHRNSTEDT
(2)

COURSES IN MUSIC EDUCATION

203—INTRODUCTION TO PUBLIC SCHOOL MUSIC (1) 
Purpose and place of music in the general scheme of education. Two hours a week.

MCEWEN
(1)

204—INTRODUCTION TO PUBLIC SCHOOL MUSIC (1) 
A continuation of Music 203. Prerequisite: Music 203.

MCEWEN
(2)

351—TEACHING OF MUSIC (2) 
Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212.

TROGER
(1, 2)

352—METHODS IN MUSIC APPRECIATION (2) 
The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 300.

MCEWEN
(2)

355—METHODS IN SECONDARY MUSIC (2) 
Subject matter and materials for music in the junior and senior high schools. Prerequisites: Education 309, 310.

FAULLEY
(1)

357—INSTRUMENTAL ORGANIZATION AND ADMINISTRATION (2) 
For elementary and secondary schools.

ZUELZE
(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.

[196]
**DESCRIPTION OF COURSES—PHILOSOPHY**

*235—FRENCH HORN CLASS (1)
*236—TROMBONE CLASS (1)
*246—OBES AND BASSEON CLASS (1)
*285—CELLO AND BASS CLASS (1)

**MUSICAL ORGANIZATIONS**

100—SMALL ENSEMBLES (1 semester)
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.

200—MUSICAL ORGANIZATIONS (½ a semester)
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.

300—SMALL ENSEMBLES (1 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.

**Philosophy**

Professor Tuttle (chairman); Assistant Professor Nielsen.

*201—INTRODUCTION TO PHILOSOPHY (3)
A study of the methods and problems of philosophy in relation to contemporary institutions.

*202 (302)—ETHICS (3)
A study of the nature and meaning of "Good," and its application in business, professional, personal, and social attitudes and behavior.

*204—AESTHETICS (3)
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.

*206 (311)—PROBLEMS OF PHILOSOPHY (3)
A more extended study of some of the fundamental and persistent philosophical problems treated in Philosophy 201.

*301—LOGIC (3)
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.

*315—SEVENTEENTH CENTURY PHILOSOPHY (3)
A consideration of the great philosophical systems of the period, emphasizing the thought of Descartes, Spinoza, and Leibnitz.

*321 (203)—HISTORY OF ANCIENT PHILOSOPHY (3)
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.

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

**DESCRIPTION OF COURSES—PHYSICS**

*323—HISTORY OF RELIGIONS (3)
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.

*324—HISTORY OF RELIGIONS (3)
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.

*402—PHILOSOPHY OF SCIENCE (3)
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.

*412—EPistemology (3)
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.

*414—PHILOSOPHY OF BUSINESS (3)
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.

*415—AMERICAN THOUGHT (3)
A survey of ideas of freedom from the earliest times through Thomas Paine, Thomas Jefferson, Ralph Waldo Emerson, Walt Whitman, and into the present.

*417—PHILOSOPHY OF RELIGION (3)
A study of the concepts of soul, freedom, salvation, eternity, immortality, and deity; a study of the origin, content, and validity of religious belief.

**Physical Education**

*(See Health and Physical Education)*

**Physics**

Associate Professor Slinger (chairman); Professor Bowman; Assistant Professor McKay; Instructor Flann; Mr. Coddington.

*100—INTRODUCTION TO PHYSICS (3)
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.

*201—COLLEGE PHYSICS (5)
Mechanics, heat, and sound for the technical student. Four lecture-recitations and one three-hour laboratory period a week. Prerequisite

*202—COLLEGE PHYSICS (5)
Magnetism, electricity, and light for the technical student. Four lecture-recitations and one three-hour laboratory period a week. Prerequisite: Mathematics 201. Laboratory fee, $3.00.

*203—GENERAL PHYSICS (4)
Mechanics, heat, and sound. Three lecture-recitations and one three-hour laboratory period a week. Prerequisites: Mathematics 101, 103. Laboratory fee, $3.00.
COMMITTEES OF THE FACULTY


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.


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.


SPEECH ACTIVITIES—E. T. Smith, chairman; C. L. Rew, S. C. Stone, and three student members.


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., University of Nebraska.

JAMES ROBERT OVERMAN. Dean Emeritus, College of Liberal Arts (1914)
B.A., Indiana University; Ph.D., University of Michigan.

CLAUDE J. FERRY. 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.A., Ohio Wesleyan University; M.A., Columbia University; Ph.D., University of Michigan.

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.A., Mount Union College; M.S., North Texas State College.

WARREN S. ALLEN. Assistant Professor of Music (1945)
B.S., Southwestern (Kans.) College; M.M., University of Michigan.

HAROLD ANDERSON. Associate Professor of Health and Physical Education (1942)
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., 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 ABERN 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 BAISORE, 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

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. BENEDICT  Assistant Professor of Home Economics (1944) Director, Nursery School B.A., Goshen College; M.S., Purdue University.
HENRY BERTGATTI  Instructor of Economics (1947) B.Ed., White Water (Wis.) State Teachers College; M.A., Northwestern University.
PATRICIA BERTOSSATI  Instructor of Speech (1946) B.A., Baldwin-Wallace College; M.A., Western Reserve University.
ELIZABETH L. BLACKBURN  Assistant Professor of Business Education (1947) J. ROBERT BLACKBURN  Assistant Professor of Health and Physical Education (1949) B.A., B.S. in Education, Ohio State University; M.Ed., University of Pittsburgh.

Health Coordinator

ELEANOR M. BOETTKE  Instructor of Home Economics (1948) B.S., Cornell University.
ARLO D. BOOGS  Assistant Professor of Chemistry (1949) B.S., Marietta College; M.S., Purdue University.
WAYNE R. BOHNSSTEIN  Assistant Professor of Music (1947) N.M., M.M., Northwestern University.
ROBERT O. BOWMAN  Assistant Professor of Art (1949) 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.A., University of Michigan.
PRUDENCE L. BROWN  Assistant Professor of Speech (1947) B.F.A., University of Nebraska; M.A., University of Michigan.
HENRY W. P. BRUNS  Instructor of Mathematics (1946) B.A., Defiance College; M.A., Bowling Green State University.
CARROLL W. CHEEK  Instructor of Business Administration (1948) B.A. in Business Administration, Bowling Green State University.
EDWARD SCOTT CLAFFIN  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. CORBETT  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. COODDING  Instructor of Physics (1949) B.S., Bowling Green State University.
J. RUSSELL COFFEE  Associate Professor of Health and Physical Education (1948) B.A., M.A., Ohio State University; Ed.D., New York University.

FACULTY

ELIZABETH A. CONKLIN  Instructor of English (1949) B.A. Mary Manse College; M.A., University of Michigan.
GILBERT W. COOKE  Professor of Business Administration (1927) B.S., M.A., University of Minnesota; Ph.D., University of Wisconsin.
SAMUEL M. COOPER  Associate Professor of Health and Physical Education (1940) 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.P.H., University of Wisconsin.
JESSE J. CURRIER  Associate Professor of Journalism (1940) Chairman, Department of Journalism B.A. Ohio Western University; M.A., Ohio State University.
R. THELMA D'ALMAINE  Assistant Professor of Biology (1946) B.A., Westminster College; M.A., Columbia University.
JON R. DAVIDSON  Assistant Professor of Business Administration (1946) B.S. in Education, Bowling Green State University; M.S. in Retailing, New York University; E. New York University.
DAVID J. DAVIES  Assistant Professor of Economics (1947) B.S., St. Vincent College; M.S., University of Illinois.
EMILY J. DENER  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.
MABEL E. DRENNAN  Associate Professor of Foreign Language (1946) B.A., M.A., Ohio Wesleyan University.
GRACE DURRIE  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.
GERTRUDE ELLIOTT  Associate Professor of Health and Physical Education (1941) B.S., Michigan State Normal College; M.S., University of Michigan.
MARY LOUISE EVERSLEY  Instructor of Biology (1948) B.A., Bowling University; M.A., Stanford University.
LEON E. FAULKNER  Associate Professor of Music (1930) B.A., Wichita University; B.M., University of Kansas; M.A., Columbia University.
BARTON J. FETTERMAN  Instructor of Mathematics (1946) B.S. in Education, M.A., Ohio State University.
MYLEN E. FITZGERALD  Assistant Professor of Psychology (1948) B.S. in Education, M.A., Ohio State University.
MERLE E. FLANNAGAN  Instructor of Physics (1948) B.A., Ashland College; M.A., University of Michigan.
LYLE REYNOLD FLETCHER...........Assistant Professor of Geography and Geology (1946)
B.A., Ohio University; M.A., Ohio State University.

RILEY ROY 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 (1946)
B.S. in Education, Emporia (Kans.) State Teachers College; M.A., Ph.D., State University of Iowa.

JOHN E. GEE............Assistant Professor of Education (1946)

RALPH H. GEE............Assistant Professor of Education (1946)
B.A., Defiance College; M.A., Ohio State University.

B.A., Ohio Northern University; M.A., Ohio State University.

SUE E. GEILING............Instructor of Business Administration (1948)
B.S. in Business Administration, Bowling Green State University; M.S., Northwestern University.

ALICE GRIEGER............Assistant Professor of Speech (1949)
B.S. in Education, University of Cincinnati; M.S. in Education, Bowling Green State University.

ANNA N. G HETTING............Assistant Professor of Mathematics (1927)
B.S., University of Minnesota; M.A., Columbia University.

EARLE 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.A., 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. HENLENN 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., Iowa State College of Agriculture and Mechanic Arts.

HAROLD T. HAMMER............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 B. HANNA............Instructor of Chemistry (1946)
B.A., M.S., in Education, Bowling Green State University.

RALPH G. HARRMAN............Professor of Business Administration (1936)
Dean, College of Business Administration
B.S. in Education, Ohio Northern University; M.A., Ph.D., Ohio State University.

DALE HAVEN............Associate Professor of Music (1948)
B.S. in Education, M.A., Ohio State University.

LLOYD A. HEELE............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.A., University of Chicago; M.A., Columbia University.

JOHN H. HEFNER............Instructor of Speech (1949)
B.A., M.A., Ohio Wesleyan University.

LAURA E. HESTON............Professor of Home Economics (1918)
Chairman, Department of Home Economics
B.S., Ohio State University; M.S., University of Chicago.

J. LEYAN HILL............Associate Professor of Industrial Arts (1948)
B.S. in Education, California (Pa.) State Teachers College; M.Ed., Pennsylvania State College.

JOSEPH E. HIMMEL............Assistant Professor of Music (1947)
B.A., North Central College; M.M., Northwestern University.

Clyde HISSONG............Professor of Education (1929)
B.S. in Education, Miami University; M.A., Columbia University; Ph.D., Ohio State University.

FLOYD R. HOFACKER............Instructor of Industrial Arts (1947)
B.S. in Education, M.S. in Education, Bowling Green State University.

KAREL HOLKAI............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.

MILOR R. HOWARD............Instructor of Business Education (1948)
B.S. in Education, M.S. in Education, Bowling Green State University.

ELEANOR E. HURBY............Assistant Professor of Home Economics (1948)
B.S. Ohio State 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 (1943)
B.A., University of Denver.

WALTER S. HUFFMAN............Associate Professor of History (1938)
B.A., Western College; M.A., University of Michigan.

R. LYNN HUTCHEON............Associate Professor of Biology (1946)
B.A., College of Wooster; M.A., Ohio University; Ph.D., Northwestern University.

BARBARA R. JARVEY............Instructor of Sociology (1948)

MYRTLE JENSEN............Associate Professor of Music (1938)
B.M., St. Olaf College; B.M., Americen Conservatory; M.M., University of Wisconsin.

OLDRICH J.ICA............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)

B.A., Ohio Wesleyan University.

WILLIAM C. JORDAN............Associate Professor of Education (1925)
B.S. in Education, M.A., Ohio State University.

JOHN M. JOSBPH............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 E. KANE............Assistant Professor of Business Administration (1946)
B.S., University of Dayton; B.S. in Education, M.A., Ohio State University.

LOWRY B. KARNS............Assistant Professor of Geography and Geology (1945)
B.A., Muskingum College; M.A., Ph.D., Ohio State University.

† On leave of absence
BOWLING GREEN STATE UNIVERSITY

FACULTY

ROBERT E. MCKAY .......................................................... Assistant Professor of Physics (1944)
R.A. M.S. Ohio State University.

GERALD MCLAUGHLIN .................................................... Instructor of Music (1946)
Concertmaster, Toledo Orchestra.

WILLIAM J. McLenNAND ................................................... Instructor of Psychology (1946)
B.S. University of Pittsburgh; M.A. University of Toledo.

†FREDDIE R. McLEOD ..................................................... Instructor of English (1947)
B.A., Bowling Green State University.

DALE R. McCOMBER ....................................................... Instructor of Political Science (1946)
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 MARLY ................................................................. Assistant Professor of Music (1946)
B.A. Indiana Central College; M.A., Indiana University.

CLARE S. MARTIN ......................................................... Professor of Chemistry (1925)
Chairman, Department of Chemistry

B.S., M.A., Ph.D., Ohio State University.

HARRY K. MATHIAS ........................................................ Associate Professor of Mathematics (1931)
B.A. Western Michigan College of Education; M.A., Northwestern University.

WILDER MATHIAS ........................................................... Instructor of Psychology (1946)
B.S., Adrian College; M.A., University of Pittsburgh.

DAVID MATTHEWS ......................................................... Instructor of Health and Physical Education (1947)
Chairman, Department of Physical Education

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 ............................................................ Professor of Speech (1946)
B.A. College of Wooster; M.A., University of Michigan.

JOHN N. MIGHAN ......................................................... Assistant Professor of Mathematics (1947)
B.A. Hillsdale College; M.S., University of Wisconsin.

†FRANK L. MEISEL ........................................................ Instructor of Speech (1946)
B.A., Bowling Green State University.

AUDREY E. MEISTER ...................................................... Instructor of Chemistry (1946)
B.S., Kent State University.

FRANK G. MESERVE ...................................................... Associate Professor of Biology (1946)
B.A. University of Nebraska; M.A., Northwestern University; Ph.D., University of Nebraska.

M. HAROLD MINTER ...................................................... 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.

†MYRA S. MINNIS ........................................................ Instructor of Sociology (1946)
B.A. M.A., Oberlin College.

JOHN K. MIERS ............................................................ 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 MOWLE .............................................. Assistant Professor of English (1946)
B.A., Randolph-Macon Woman's College; M.A., University of Pittsburgh.

† On leave of absence
BOWLING GREEN STATE UNIVERSITY

GEORGE MUELICH. 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.

ORME E. NEPHE. Instructor of Business Education (1947)
B.S., Peoria 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)

JOHN A. NEPHE. Assistant Professor of Chemistry (1949)
B.S., Muskingum College; M.S., University of Wisconsin.

MAURICE NILSEN. Assistant Professor of Philosophy (1948)
B.A., University of Minnesota; S.T.B., B.D., Harvard University.

BERNARD FREDERICK NOORDMANN. Professor of History (1929)
B.A. Stanford University; M.A., Ph.D., University of Illinois.

PAULA NYJSSON. Instructor of English (1947)
B.A., Western Reserve University.

HAROLD E. OBST. 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 CHAFFELL OGG. Professor of Mathematics (1931)
Chairman, Department of Mathematics
B.A., University of New Mexico; M.A., Ph.D., University of Illinois.

NELLE A. OGLE. Associate Professor of Business Education (1926)
B.A. State University of Iowa; M.A., University of Chicago.

JOHN F. OGLE. Assistant Professor of History (1949)
B.A., M.A., Ph.D., Ohio State University.

CHARLES R. OTIS. Professor of Biology (1990)
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 PARISH. 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)
R.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. 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

[14]

FACULTY

VIRGINIA BEYER PLATT. Assistant Professor of History (1947)
B.A., University of Wisconsin; M.A., University of California; Ph.D., State University of Iowa.

EARL CLAIR POWELL. Associate Professor of Industrial Arts (1928)
B.S. in Education, M.A. in Education, Ohio State University.

MARTHA E. PURDUM. 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.Ach., Ohio State University.

ESKO KAIN RENTOLA. Assistant Professor of Art (1947)

CECIL L. REW. Professor of Foreign Language (1935)
Chairman, Department of Foreign Languages
B.Ph.D., University of Chicago; M.A., Ph.D., University of Illinois.

KARL RICHARDS. Associate Professor of Art (1947)
B.A. 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. RICHEY. Instructor of Speech (1948)
B.A., M.A., Ohio State University.

EARL A. ROY. Associate Professor of Business Education (1947)
B.S., M.A., Ohio State University.

ADRIAN W. RUSH. 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. SAVR. Instructor of English (1949)
B.A., St. Lawrence University; M.A., Columbia University.

WILLIAM E. SCHINDLER. Assistant Professor of Business Administration (1947)
B.A., Valparaiso University; M.B.A., University of Denver.

WILLIAM F. SCHMIDT. Assistant Professor of Business Administration (1947)
B.B.A., University of Toledo; M.B.A., Harvard University.

ALICE SCHOECK. Instructor of Home Economics (1946)
B.S. in Education, Miami University; M.S., Ohio State University.

GRAYCE M. SCHWARTZ. Instructor of English (1949)
B.S. in Education, M.A., Bowling Green State University.

HAMER W. SCHULZE. 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. SIMA. Associate Professor of Foreign Language (1946)
B.A. State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany.

WILLARD B. SINGER. Associate Professor of Physics (1927)
Chairman, Department of Physics
B.S., Capital University; B.B.E., M.A., Ohio 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., Hood College;  M.A., Ph.D., Ohio State University.  

Harvey 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.B., University of Michigan.  

Warren E. Stella  Professor of Health and Physical Education (1924)  
Coach  
B.A., Oberlin College;  M.A., Columbia University.  

Robert E. Stinson  Instructor of Art (1949)  

†John W. Stockton  Instructor of History (1946)  
B.B.A., Miami University.  

Hussey P. Stone  Instructor of Library Science (1945)  
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 WRSN  
B.A., M.A., Ohio Wesleyan University.  

C. Glenn Swanston  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., PhD., University of Texas.  

Mar 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. Treistad  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 Scovoc  Assistant Professor of Economics (1946)  
B.A., M.A., 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  

‡FREDERICK G. WALSH  Associate Professor of Speech (1945)  
R.S., M.S., North Carolina State College;  M.A., University of North Carolina.  

WILLARD F. WANGSELMAN  Associate Professor of Art (1946)  
Chairman, Art Department  
R.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. Weirshusser  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 Wernick  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., Minut University;  M.A., Bowling Green State University.  

E. Eloise Whitener  Assistant Professor of Biology (1946)  
B.A., Grand Island College;  M.A., University of Nebraska.  

Philip R. Wieg  Instructor of Art (1948)  
B.A., Park College;  M.F.A., State University of Iowa.  

Francis P. Wilcox  Instructor of Music (1949)  
B.A., State University of Iowa.  

Allen V. Wiley  Assistant Professor of Economics (1945)  
B.A., M.A., LaSalle 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., Conservatory College;  M.A., Ph.D., Ohio State University.  

Beverly L. Wernght  Instructor of Sociology (1949)  
B.A., Texas State College for Women;  M.A., Ohio State University.  

E. Harry Woehler  Assistant Professor of Mathematics (1946)  
B.A., 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 (1949)  
Director, Elementary Education  
B.A., Ohio Wesleyan University;  M.A., Ph.D., Ohio State University.  

Walter A. Zuog  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 Zuog  Assistant Professor of Music (1944)  
Director, Wind Instruments  
B.S., University of Cincinnati;  M.A., University of Michigan.  

† On leave of absence  

‡ On leave of absence
LIBRARY STAFF

PAUL F. LEEDY, Librarian

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 KELMER, Periodicals Librarian
B.S. in Education, Duquesne University; B.S. in Library Science, Western Reserve University.

RUBY L. KING, Documents Librarian
B.A., Hildesley College; B.A. in Library Science, University of Michigan.

VIRGINIA MERRILL, Library Circulation Manager
B.A., Bowling Green State University.

SYLVIA RICHARD, Reference Librarian
B.A., Ohio Wesleyan University; B.A. in Library Science, University of Michigan; M.A., Ohio State University.

DOROTHY S. STOCKTON, Library Assistant
B.S. in Education, Miami University.

HUSBERT P. STONE, Reference Librarian
B.A., Ohio Northern University; B.S. in Library Science, Western Reserve University; M.A., Oberlin College.

FANCHILD 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., Slippery Rock (Pa.) State Teachers College; M.Ed., Pennsylvania State College.

MARGARET J. BASS, Occupational Therapist
B.S. in Home Economics, University of Illinois; Registered Occupational Therapist, Milwaukee-Downtown College.

PRUDENCE L. BROWN, Speech Therapist
B.F.A., University of Nebraska; M.A., University of Michigan.

EDNA E. FISCHER, Physical Therapist
B.S. in Education, Bowling Green State University; Registered Physical Therapist, Mayo Clinic.

PART-TIME APPOINTMENTS

DOROTHY H. ABELE, 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.

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
Vernon B. Donham, Assistant Instructor of Health and Physical Education
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. LOEPTZ, Assistant Instructor of Health and Physical Education
B.S. in Education, Bowling Green State University.

MARIE C. S. MCELENND, Instructor of English
B.A., M.A., University of Pittsburgh.

ELIZABETH A. MENZEL, Assistant Instructor of Health and Physical Education
B.A., Oberlin College.

CHARLES C. MINCH, Assistant Instructor of Economics
B.A., Baldwin-Wallace College.

COLLE E. OTTO, Lecturer in Business Law
L.L.B., University of Toledo.

ROBERT G. RIEGEL, Lecturer in Business Law
B.S. in Education, Bowling Green State University; L.L.B., Ohio State University.

DONALD R. STREIBER, Instructor of Speech
B.A., Heidelberg College.

JAMES C. WHITTAKER, Assistant Instructor of Health and Physical Education
B.S. in Education, Bowling Green State University.

RAYMOND C. WHITTAKER, Assistant Instructor of Health and Physical Education
B.S. in Education, Bowling Green State University.

GRADUATE ASSISTANTS

DARRELL F. ALLISON, Biology
B.A., Bowling Green State University.

ROBERT J. BALSA, Biology
B.A., Bowling Green State University.

MRS. ROBERT CHAMBERS, English
B.A., Baldwin-Wallace College.

HOWARD R. DEAN, Business Administration
B.S. in Education, Bowling Green State University.

CLEMENT DIAZ, Foreign Languages
B.S. in Business Administration, Bowling Green State University.

RICHARD E. DRAVEN, English
B.A., B.S. in Education, Bowling Green State University.

CHARLOTTE EARLY, History
B.A., Baldwin-Wallace College.

JOHN W. FLEMING, English
B.A., University of Kansas City.

PHYLLIS A. FOLKS, English
B.A., Bowling Green State University.

EVELYN M. GROEBNER, Speech
B.A., Ohio Wesleyan University.

PAUL A. HAEFFRICH, Education
B.S. in Education, Bowling Green State University.

MARK HEIMBURGER, History
B.A., Otterbein College.

ROBERT A. JORDAN, Biology
B.S., Defiance College.

FRANK L. JURELL, Mathematics
B.S., Teachers College of Connecticut.
BOWLING GREEN STATE UNIVERSITY

Bowling Green Junior High School

ERNST N. LITTELTON----------------------Principal (1939)
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 BUCHER----------------------------- 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 BEHRINGER--------------------Supervising Teacher, Industrial Arts (1948)
B.S. in Education, Kent State University.

ROY H. KILTY--------------------------Supervising Teacher, Vocal Music (1928)
B.A., Bluffton College; M.A., Ohio State University.

ELIZABETH E. INMAN-------------------Supervising Teacher, Science (1929)
B.S. in Education, Bowling Green State University.

JOHN J. KLEINFELTER-------------------Supervising Teacher, Social Science (1931)
B.A., Heidelberg College; M.A., Ohio State University.

MARY ANN LIVELY------------------------Supervising Teacher, Physical Education (1949)
B.A., Fairmont State College; M.A., Ohio State University.

LAURENCE MOONEY----------------------Supervising Teacher, Physical Education (1941)
B.S. in Education, Ohio State University.

REX MOOREHEAD-------------------------Supervising Teacher, Mathematics (1948)
B.S. in Education, Bowling Green State University.

R. EUGENE MORSE----------------------Supervising Teacher, History (1930)

FERRIS W. MYRICK----------------------Supervising Teacher, Science (1929)
B.S. in Education, Eastern College.

NELLIE M. RANDALL---------------------Supervising Teacher, English (1929)
B.A. 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., Franklin College; M.S. in Education, Bowling Green State University.

JEAN SIMONSON 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. BOWLES-------------------Supervising Teacher, Mathematics (1916)
B.A., Bluffton 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. DOERING----------------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 HAYNE----------------Supervising Teacher, History (1938)
B.S. in Education, Bowling Green State University; M.A., University of Michigan.

[22]