

frequency distributions; large sample and small sample methods; testing of hypotheses; statistical design of experiments. Prerequisite: Mathematics 231 or equivalent. Mr. Krabill.

442.* THEORY OF PROBABILITY AND MATHEMATICAL STATISTICS. 3; II; offered in 1961-62 and in alternate years. Prerequisite: Mathematics 441. Mr. Krabill.

490.* PROBLEMS IN MATHEMATICS. 1-3; I, II. Readings and independent study of particular interest to individual students of high potential. May be taken more than once. Prerequisites: Consent of instructor and chairman of the Department. Staff.

MILITARY SCIENCE AND TACTICS

GENERAL MILITARY SCIENCE

PROFESSOR, LIEUTENANT COLONEL BROUDY (CHAIRMAN); ASSISTANT PROFESSORS, MAJOR WILLIAMS, CAPTAIN MILLER, CAPTAIN PECK; ASSISTANT INSTRUCTORS, SERGEANT FIRST CLASS SIKON, SERGEANT FIRST CLASS TRAYNOR; ADMINISTRATIVE ASSISTANTS, MASTER SERGEANT NEWBY, SERGEANT FIRST CLASS MILLER.

101-102.* MILITARY SCIENCE AND TACTICS I. First Year Basic. 2 each semester; I, II. Introduction to military science, including military organization of the Army and ROTC; American military history; individual weapons and marksmanship; leadership, drill, and exercise of command. Staff.

201-202.* MILITARY SCIENCE AND TACTICS II. Second Year Basic. 2 each semester; I, II. Leadership, drill, and exercise of command; maps and aerial photograph reading; crew-served weapons and gunnery. The role of the Army in national defense. Prerequisite: Military Science 102 or veteran with minimum of six months' active duty. Staff.

301-302.* MILITARY SCIENCE AND TACTICS III. First Year Advanced. 3 each semester; I, II. Leadership, drill, and exercise of command; military teaching principles; organization, functioning, and missions of the Arms and Services; small unit tactics and communications; pre-camp orientation. Prerequisite: Military Science 202 or veteran with 12 months or more of active duty. Staff.

401-402.* MILITARY SCIENCE AND TACTICS IV. Second Year Advanced. 3 each semester; I, II. Operations; logistics; army administration and military justice; service orientation; leadership, drill, and exercise of command. Prerequisite: Military Science 302. Staff.

MUSIC

PROFESSOR KENNEDY (CHAIRMAN); ASSOCIATE PROFESSORS ALLEN, FAULEY, HAVEN, HIMMEL, SPANGLER; ASSISTANT PROFESSORS ALEXANDER, BENSTOCK, BURNHAM, ECKER, WEGER; INSTRUCTORS CHAPMAN, GLASMIRE, LEFKOFF, MAKARA, WEBSTER; PART-TIME INSTRUCTOR CURTIS.

ENTRANCE EXAMINATIONS

All majors and minors are required to take an entrance examination. This will include a written test and playing examination on the student's major and minor instrument. Students will be accepted or placed on warning or rejected, depending upon the outcome of these tests. Non-music students wishing to enroll in applied music courses are also required to take a placement test.

COURSES IN THEORY, HISTORY, AND APPRECIATION

101.* SIGHT SINGING AND DICTATION.† 2; I. Fundamental principles of pitch and rhythm as a basis for solfeggio; dictation for oral and written response. Two hours sight singing; two hours dictation. Four hours a week. Staff.

102.* SIGHT SINGING AND DICTATION.† 2; II. A continuation of Music 101. Four hours a week. Prerequisite: Music 101. Staff.

103.* BASIC THEORY. 2; I. Elementary theory: notation, scales, key signatures, clefs, intervals, triads, chords of the seventh and ninth. Three hours a week. Parallel: Music 101. Staff.

104.* HARMONY. 2; II. Four-part writing and harmonic analysis. Three hours a week. Prerequisite: Music 103 or equivalent. Parallel: Music 102. Staff.

201.* SIGHT SINGING AND DICTATION.† 1; I, II. Sight-reading of advanced choral material and melodic and harmonic dictation. Two hours a week. Prerequisite: Music 102. Staff.

205.* HARMONY. 3; I. Nonharmonic tones: altered chords, modulations, harmonic counterpoint. Prerequisite: Music 104 or equivalent. Staff.

206.* HARMONY. 3; II. A continuation of Music 205. Prerequisite: Music 205. Staff.

211. GENERAL MUSIC. 2; I, II. Fundamental music skills: theory, reading by syllable, pitch and rhythm dictation, music appreciation, song singing. Three hours a week. Not open for credit to music majors or minors. Staff.

212. GENERAL MUSIC. 2; II. A continuation of Music 211; methods of teaching music in the elementary grades. Three hours a week. Prerequisite: Music 211. Not open for credit to music majors or minors. Staff.

†Music 101, 102, and 201 may be waived by examination. Proficiency as of the completion of Music 201 in sight-reading and dictation must be realized as prerequisite for graduation as a music major or minor.

tion based on ability and previous training. Studio class recitals will be held from time to time as deemed necessary by the instructor. Applied music students must pass satisfactorily an examination before a faculty committee at the end of the semester in order to receive full credit.

For private instruction in applied music, music majors commence with the 200-level course. All non-music majors will commence with the 100-level course.

RECITAL ATTENDANCE AND PARTICIPATION

Students majoring or minoring in music are required to attend all Musicianship and Performance Classes (Thursdays at 2:30 p.m.) and 75 per cent of student and faculty recitals, concerts, and those University Artist Series presentations that are especially significant musically. All music majors and minors are required to participate, directly or indirectly, in major departmental concert productions.

121-128,* 221-224,* 321-324.* 1 or 2 each. PERCUSSION. Staff.

131-138,* 231-234.* 331-334.* 1 or 2 each. BRASS. Staff.

141-148,* 241-244,* 341-344.* 1 or 2 each. WOODWIND. Staff.

161-168,* 261-264,* 361-364.* 1 or 2 each. PIANO. Staff.

171-178,* 271-274,* 371-374.* 1 or 2 each. VOICE. Staff.

181-188,* 281-284,* 381-384.* 1 or 2 each. STRING. Staff.

191-198,* 291-294,* 391-394.* 1 or 2 each. ORGAN. Staff.

100-300.* SMALL ENSEMBLES. 1; I, II. Small ensembles, listed below, are formed under the supervision of the Department. Music 100 for freshmen and sophomores, Music 300 for juniors and seniors, may be taken more than once, but the total credit earned in Music 100-300 may not exceed 8 semester hour. Staff.

BRASS

100a, 300a. Brass Ensemble
100c, 300c. Brass Quartet
100e, 300e. Trumpet Trio
100g, 300g. Wind and Percussion Ensemble

100b, 300b. Trombone Quartet
100d, 300d. Brass Sextet
100f, 300f. French Horn Quartet

STRINGS

100j, 300j. Piano Trio, Quartet, or Quintet
100m, 300m. String Ensemble

100k, 300k. String Quartet
100n, 300n. String Ensemble with Woodwinds, Brass, or Percussion

PERCUSSION

100r, 300r. Percussion Ensemble

WOODWINDS

100s, 300s. Clarinet Quartet
100u, 300u. Mixed Ensemble, Trio or Quartet
100t, 300t. Woodwind Quintet
100v, 300v. Woodwind Choir
100w, 300w. Saxophone Quartet

PIANO

100x, 300x. Piano Duo (two pianos, four hands)
100y, 300y. Piano Accompaniment
100z, 300z. Piano Ensemble (one piano, four hands and ensemble)

VOCAL

100aa, 300aa. Madrigal Society
100cc, 300cc. Men's Quartet
100bb, 300bb. Women's Octet
300dd. Opera Workshop

200.* LARGE ENSEMBLES. 1; I, II. Open to all students of the University possessing the necessary musical ability. Any student taking individual voice lessons may register for Music 200A, B, or C only with the consent of his voice instructor. All credit earned in Music 200 will be placed on the student's permanent academic record, but not more than 8 semester hours may apply toward degree requirements. Staff.

200A. A Cappella Choir
200C. University Chorus
200E. Marching Band and concert bands (first semester)†
200B. Collegiate Chorale
200D. Concert bands (second semester)
200H. Symphony Orchestra

†The 1 semester hour credit for band activities requires participation for the full semester. In the fall semester students registered for credit in Music 200E will continue after Marching Band in one of the band groups. Those who wish to participate in only one or the other activity will do so on a non-credit basis.

Successful participation in the Marching Band for its full season may be used for the first nine weeks activity requirement in Health and Physical Education 101, 102, 201, or 202, when certified by the Director of Bands. In such cases the student must register for the appropriate Health and Physical Education course and report at the beginning of the semester to the Director of Bands his election of Marching Band for the Health and Physical Education activity. He will then enroll in a regular Health and Physical Education activity for the second nine weeks to complete his credit in the course.

FEEES

A fee of \$40 is charged for each semester hour of applied music (except in courses designated "class") for students majoring or minoring in Music and for students concurrently registered for A Cappella Choir, Collegiate Chorale, Concert Band, Marching Band, and Symphony Orchestra. A fee of \$60 is charged for each semester hour of applied music (except in courses designated "class") for students who are not majoring or minoring in Music, or are not registered for one of the organizations listed in the preceding sentence.

Students enrolled for applied music have access to practice rooms and equipment without charge, in accordance with schedules and regulations determined by the Department of Music.

INDUSTRIAL ARTS CURRICULUM

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Art 101	3	Engineering Drawing 102	3
Engineering Drawing 101	3	English 102	3
English 101	3	Industrial Arts 111	3
Industrial Arts 103	3	Physics 100	3
Industrial Arts 121	3	Speech 102	3
Health-Physical Ed. 101	1	Health-Physical Ed. 102	1
	<hr/>		<hr/>
	16		16

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
English 201	3	Industrial Arts 203	3
Industrial Arts 221	3	Industrial Arts 211	3
Industrial Arts 231	3	Industrial Arts 261	3
Psychology 101	3	Psychology 104	3
Science elective	3	Science or mathematics elective	3
Health-Physical Ed. 201	1	Health-Physical Ed. 202	1
	<hr/>		<hr/>
	16		16

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Art 263	3	Industrial Arts 291	3
Graphic Arts 308	3	Industrial Arts 371	3
Industrial Arts 347	3	Social studies electives	6
Industrial Arts 352	3	Minor or elective	3
Industrial Arts 381	3		
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	15		15

FOURTH YEAR

Semester of professional concentration, including student teaching	16
Social studies electives	6
Minor or electives	9

MUSIC (PUBLIC SCHOOL) CURRICULUM

Four choices of emphasis offered in this curriculum are outlined below. Each follows the general pattern below. Variations will be found in the requirements for applied music, minor applied music classes, Music 200, and in student teaching experiences.

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Applied music	3	Applied music	3
English 101	3	English 102	3
Music 101, 103	4	Music 102, 104	4
Music 200	1	Music 100, 200	2
Science elective	3	Psychology 101	3
Health-Physical Ed. 101	1	Health-Physical Ed. 102	1
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	15		16

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Applied music	3	Applied music	2
Minor applied music class	1	Minor applied music class	1
Music 201*, 205, 207, 215	8	Music 203, 206, 208, 216	9
Music 200	1	Music 200	1
Speech 102	3	Psychology 104	3
Health-Physical Ed. 201	1	Health-Physical Ed. 202	1
	<hr/>		<hr/>
	17		17

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Applied music	3	Applied music	2
Minor applied music class	1	Minor applied music class	1
Music 303**, 315, 318†	5	Music 301†, 304, 309, 355	7
Music 357	2	Music 200	1
Social studies elective	3	Science elective††	3
Science or Mathematics elective	3	English Literature elective	3
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	17		17

FOURTH YEAR

<i>First or Second Semester</i>		<i>First or Second Semester</i>	
Applied music	2	Semester of professional concentration, including student teaching	16
Music 200	1		
Fine and Applied Arts elective	5		
Science elective	3		
Social studies elective	6		
	<hr/>		<hr/>
	17		

*Music 201 may be taken either semester. If not taken first semester, Psychology 104 should be taken first semester.

**Music 303 may be taken either semester. If not taken first semester, English Literature elective should be taken first semester.

†Instrumental majors are required or advised to take Music 318. Choral majors are required or advised to take Music 301.

††Recommended elective, Physics 350.

ALTERNATIVE PROGRAMS IN MUSIC EDUCATION

I. CHORAL MAJOR WITH INSTRUMENTAL MINOR

Major applied music lessons in voice, and piano or instrumental instruction, to total not less than 14 semester hours. No more than 4 semester hours of piano and/or instrumental instruction will be accepted toward this requirement.

1. Piano must be taken first semester, later only by permission of the Chairman of the Department. Piano must be continued until competency is attained (as defined by staff) as a prerequisite for graduation.
2. Of these 14 semester hours allocated to major applied music lessons, a student must elect 1 hour and may elect 2 hours in Music 100 and/or 300 (Small Ensembles).
3. A student with major emphasis in voice may be advised at the conclusion of two years of private study to discontinue private instruction. Voice class or other applied music area may then be elected.
4. In addition to the 14 semester hours allocated to major applied music lessons, a student must take Music 200, to include 5 semester hours in choral ensemble and 1 semester hour in an instrumental organization.
5. The choral major must have vocal emphasis in student teaching.
6. In addition to the 14 semester hours allocated to major applied music lessons, a student must take minor applied music classes to total not less than 4 semester hours, to include Music 180 and Music 189 (High String, Low String Class).

II. INSTRUMENTAL MAJOR WITH CHORAL MINOR

Major applied music lessons on an instrument approved by the instructor for major, and piano, to total not less than 14 semester hours.

1. No more than 4 semester hours of piano will be accepted toward the requirement of 14 semester hours.
2. Piano must be taken the first semester, or later only by permission of the Chairman of the Department. Piano must be continued until competency is attained (as defined by staff) as a prerequisite for graduation.
3. Of these 14 semester hours allocated to major applied music lessons, a student must elect 1 hour and may elect 2 hours in Music 100 and/or 300 (Small Ensembles).
4. The instrumental major with a choral minor must have instrumental emphasis in student teaching.
5. In addition to the 14 semester hours allocated to major applied music lessons, a student must take minor applied music classes to total not less than 6 semester hours, to include Music 170 (Voice Class) or Music 271 (Voice), Music 180 (High String Class), and Music 189 (Low String Class).

6. In addition to the 14 semester hours allocated to major applied music lessons, wind and percussion players must take Music 200, to total 7 semester hours in orchestra, or band, or both, and 1 semester hour in choral ensemble.

III. PIANO MAJOR WITH INSTRUMENTAL MINOR

Major applied music lessons in piano and on an instrument approved by the instructor to total not less than 14 semester hours.

1. At least 4 of these 14 semester hours must be in private study on an instrument other than piano approved by the instructor.
2. Of these 14 semester hours allocated to major applied music lessons, a student must elect 1 hour and may elect 2 hours in Music 100 and/or 300 (Small Ensembles).
3. In addition to the 14 semester hours allocated to major applied music lessons, a student must take minor applied music classes to total not less than 6 semester hours, to include Music 170 (Voice Class) or Music 271 (Voice), Music 180 (High String Class), and Music 189 (Low String Class).
4. The piano major with instrumental minor must have instrumental emphasis in student teaching.

IV. PIANO MAJOR WITH CHORAL MINOR

Major applied music lessons in piano and on an instrument approved by the instructor to total not less than 14 semester hours.

1. At least 4 of these 14 semester hours must be in private study in voice.
2. Of these 14 semester hours allocated to major applied music lessons, a student must elect 1 hour and may elect 2 hours in Music 100 and/or 300 (Small Ensembles).
3. In addition to the 14 semester hours allocated to major applied music lessons, a student must take minor applied music classes to total not less than 4 semester hours, to include Music 170 (Voice Class) or Music 271 (Voice), Music 180 (High String Class), and Music 189 (Low String Class).
4. The piano major with choral minor must have choral emphasis in student teaching.

NOTE: A student who desires to pursue an academic minor instead of one of the programs above may do so after consultation with the chairman of the Music Department or his adviser. In such cases, courses required for the academic minor will be substituted for certain music subjects.

Double Major. Students interested in a double major (vocal and instrumental) should consult with the department chairman for information concerning the requirements. Such a program will ordinarily require a time expenditure of more than nine semesters.

A student especially interested in interior decoration should take a major in clothing. The following additional courses should be included: Art 101, 112, 345; Home Economics 305, 306. As many electives as possible should be chosen from the field of business administration.

A student interested in becoming a professional costume designer should take a major in clothing. Art 101, 103, 112, 205, 345 should be included.

A student interested in journalism in the field of home economics should take the general major in home economics and a minor in journalism.

JOURNALISM. Major: *First year*, Journalism 103; a student majoring in journalism should complete Business Education 111 in the first year unless he has had typewriting in high school, or passes a proficiency test. *Second year*, Journalism 211, 212. *Third and fourth years*, Journalism 301, 302, 310, 325, 401, 412; electives in journalism, or from English 207, 208, 307.

Minor: *First year*, Journalism 103. *Second year*, Journalism 211, 212. *Third and fourth years*, Journalism 301, 302; electives in journalism.

LATIN. For the student with two years of high school preparation in Latin. Minor: *First year*, Latin 101, 102. *Second year*, Latin 201, 202. *Third and fourth years*, 6 semester hours from remaining courses in Latin.

For the student with four years of high school preparation in Latin. Minor: *First year*, Latin 201, 202. *Second, third, and fourth years*, 12 semester hours from remaining courses in Latin.

LIBRARY SCIENCE. Minor: *Second year*, Library Science 201, 202. *Third and fourth years*, Library Science 303, 304, 403, 490. A minor in library science is open to all students. It combines well, however, with preparation in such fields as the sciences, business, social sciences, history, and English.

MATHEMATICS. Major: 12 semester hours in courses for which Mathematics 231 is prerequisite or parallel.

Minor: Completion of Mathematics 231.

MUSIC. Major—Music Theory: *First year*, Music 101, 102, 103, 104, and applied music in piano. *Second year*, Music 205, 206, 215, 216, and applied music in piano. *Third year*, Music 303, 304, and applied music in piano. *Fourth year*, Music 309, 315, 318, and applied music in piano.

It will usually require 8 semester hours in piano to meet the requirements for a major in music theory. In some cases it may require more, or less, according to the technical proficiency of the student. A description of these standards may be obtained from the chairman of the department.

Major—Applied Music: *First year*, Music 101, 102, 103, 104, and applied music in chosen instrument or voice. *Second year*, Music 205, 206, 215, 216, and applied music. *Third year*, Music 303, 304, and applied music. *Fourth year*, Music 309, and 301 or 312 or 318, and applied music.

The requirement for a major in applied music is 16 semester hours in voice or in one instrument.

Note: Theory and applied music majors are required to participate four semesters in Music 200.

Minor: *First year*, Music 101, 102, 103, 104, and applied music. *Second year*, Music 205, 206, 215, 216, and applied music. A student minoring in music must take a minimum of 6 semester hours in applied music.

PHILOSOPHY. Major: *Second year*, Philosophy 201, 202 or 204. *Third year*, Philosophy 321, 322; electives in philosophy. *Fourth year*, electives in philosophy.

Minor: *Second year*, Philosophy 201. *Third and fourth years*, Philosophy 321, 322; electives in philosophy.

PHYSICS. Major: *Second year*, Physics 201, 202. *Third and fourth years*, courses on the 300- or 400-level, including Physics 401, to complete a minimum of 32 semester hours in physics. At least 3 semester hours in Physics 413 must be included in the fourth year.

Minor: *Second year*, Physics 201, 202. *Third and fourth years*, 12 semester hours from 300- or 400-level courses in physics.

A student majoring or minoring in physics must take Chemistry 101, 102 and Engineering Drawing 101 in the first year, and complete Mathematics 231 in the second year or the first semester of the third year. Students entering with high school credit in mechanical drawing are not required to take Engineering Drawing 101.

POLITICAL SCIENCE. Major or Minor: *Second year*, Political Science 201, 202. *Third and fourth years*, electives in political science.

PSYCHOLOGY. Major: *First year*, Psychology 101. *Second year*, any two of the following: Psychology 210, 211, 212, 213; electives in psychology. *Third year*, remaining two of the following: Psychology 210, 211, 212, 213; electives in psychology. *Fourth year*, electives in psychology.

Minor: *First year*, Psychology 101. *Second, third, and fourth years*, electives in psychology.

Electives should be selected with the advice of the advisers in the department and in accordance with the student's background and objective. Majors must demonstrate proficiency in elementary statistics. This may be accomplished by passing a proficiency examination after the completion of Psychology 210, 211, 212, 213, or by electing Psychology 388. Biology 110, 111 should be completed in the first year.

SOCIOLOGY. Major or Minor: *Second year*, Sociology 201, 206. *Third year*, Sociology 301, 303; electives in sociology. *Fourth year*, electives in sociology.

A student majoring or minoring in sociology is required to complete Psychology 101, 104 in the first or second year. Electives are to be chosen upon the advice of the department chairman. In special cases where the needs of the student require, limited substitution of courses in related social science departments may be permitted in the major requirements.

EMERITI

FRANK J. PROUT, 1939†. B. Litt., Ohio Wesleyan University; Ped.D., Ohio University, Ohio Wesleyan University; LL.D., Miami University; H.L.D., Bowling Green State University.
President Emeritus

ARCH B. CONKLIN, 1939. B.S., College of Wooster; MA., Columbia University.
Dean Emeritus of Students

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

CLARE S. MARTIN, 1923. B.S., M.A., Ph.D., Ohio State University.
Professor Emeritus of Chemistry

SAMUEL M. MAYFIELD, 1936. B.S., B.A., Berea College; Ph.D., University of Chicago.
Professor Emeritus of Geology

REA MCCAIN, 1914. B.A., National Normal University; B.A., Antioch College; M.A., Columbia University; Ph.D., New York University.
Professor Emeritus of English

BERNARD FREDERICK NORDMANN, 1929. B.A., Stanford University; M.A., Ph.D., University of Illinois.
Professor Emeritus of History

CHARLES H. OTIS, 1930. B.A., Ph.D., University of Michigan.
Professor Emeritus of Biology

JAMES ROBERT OVERMAN, 1914. B.A., Indiana University; M.A., Columbia University; Ph.D., University of Michigan; D.Sc., Bowling Green State University.
Dean Emeritus

CLAUDE D. PERRY, 1923. B.A., Ohio Wesleyan University.
Registrar Emeritus

FLORENCE J. WILLIAMSON, 1926. B.A., Cedarville College; M.A., Ph.D., Ohio State University.
Professor Emeritus of Education

WALTER A. ZAUGG, 1923. B.A., Valparaiso University; B.A., Indiana University; M.A., Columbia University; Ph.D., New York University.
Professor Emeritus of Education

†Date after name indicates year of first full-time appointment.

FACULTY

RALPH W. McDONALD, 1951. A.B., Hendrix College; M.A., Ph.D., Duke University; LL.D., Hendrix College.
President

LLOYD A. HELMS, 1938. A.B., DePauw University; A.M., Ph.D., University of Illinois.
Professor of Economics; Dean, Graduate School; Secretary of the Faculty

WILBUR J. ABELL, 1947. B.S., James Millikin University; M.S., University of Illinois; Chartered Life Underwriter; Chartered Property-Casualty Underwriter.
Associate Professor of Business Administration

GERALD ACKER, 1946. A.B., Allegheny College; M.S., University of Oklahoma.
Assistant Professor of Biology

WILLIAM DON ALEXANDER, 1946. B.S.M., Mount Union College; M.S., North Texas State Teachers College; Violin student of Mischa Mischakoff; 'Cello student of Arthur Bachman.
Assistant Professor of Music

WARREN S. ALLEN, 1946. B.M., Southwestern College; M.M., University of Michigan; Student of Martial Singher, Juilliard School of Music.
Associate Professor of Music

CHARLES D. AMERINGER, 1959. A.B., University of Wisconsin; M.A., Ph.D., The Fletcher School of Law and Diplomacy, Tufts University.
Instructor in History

HANNS ANDERS, 1957. A.B., Oberlin College; M.S., Ohio State University.
Instructor in Chemistry

HAROLD ANDERSON, 1942. B.A., Otterbein College; M.A., University of Michigan.
Professor of Health and Physical Education; Director of Athletics; Head Basketball Coach

IRIS E. ANDREWS, 1945. B.S., Battle Creek College; M.A., University of Michigan.
Assistant Professor of Health and Physical Education

FRANK C. ARNOLD, 1948. B.S., M.A., Ohio State University; Ph.D., Syracuse University.
Associate Professor of Psychology; Coordinator of Counseling Services

ROBERT T. AUSTIN, 1946. B.Ed., University of Toledo; M.Ed., Bowling Green State University.
Assistant Professor of Industrial Arts

MAX L. BAEUMER, 1959. Diploma, Humanistic State College, Hadamar, Germany; Ph.L., Philosophic-Theological University of Trier, Germany; Ph.D., Northwestern University.
Assistant Professor of Foreign Language

- FLORENCE E. BAIRD, 1925. B.A., M.A., Ohio State University.
Associate Professor of Foreign Language
- FRANK BALDANZA, JR., 1957. A.B., Oberlin College; M.A., University of Chicago; Ph.D., Cornell University.
Assistant Professor of English
- JOSEPH K. BALOGH, 1949. B.S. in Education, Pennsylvania State Teachers College, California; M.Litt., Ph.D., University of Pittsburgh.
Professor of Sociology
- CHARLES ALDEN BARRELL, 1940. B.A., Hampden-Sydney College; M.A., University of Virginia; Ph.D., Ohio State University.
Professor of Political Science; Chairman, Department of Political Science
- JAMES ROBERT BASHORE, JR., 1948. B.S., University of Wisconsin; M.A., Bowling Green State University; Ph.D., University of Wisconsin.
Assistant Professor of English
- ANTHONY B. BAYNARD, 1946. B.A., University of Scranton; M.A., Columbia University.
Assistant Professor of Foreign Language
- F. EUGENE BEATTY, 1941. B.S. in Business Administration, M.A., Bowling Green State University.
Assistant Professor; Director of Building and Facilities
- RALPH L. BECK, 1949. B.S., Indiana State Teachers College; M.S., Indiana University; Ed.D., New York University.
Professor of Education
- BRUCE BELLARD,† 1949. B.S. in Education, M.Ed., Bowling Green State University.
Assistant Professor of Health and Physical Education; Assistant Football Coach; Head Wrestling Coach
- SEYMOUR L. BENSTOCK, 1954. B.M., M.M., Hartt College of Music; Diploma, Royal Scottish Academy of Music, Glasgow, Scotland.
Assistant Professor of Music; Director, University Symphony Orchestra
- STEWART BERRY, 1956. B.S., M.A., University of Alabama; Ed.D., University of Cincinnati.
Assistant Professor of Education
- ARLO D. BOGGS, 1958. B.S., Marietta College; M.S., Purdue University; Ph.D., Ohio State University.
Assistant Professor of Chemistry
- EDWIN C. BOMELI,‡ 1956. B.S. in Business Administration, Ohio State University; M.A., Butler University; Certified Public Accountant (Indiana).
Associate Professor of Accounting
- IRVING M. BONAWITZ, 1955. B.S. in Business Administration, Bowling Green State University; M.B.A., Northwestern University; Certified Public Accountant (Ohio, Illinois and District of Columbia).
Assistant Professor of Accounting

†On leave 1959-60.

‡On leave Second Semester 1959-60.

- ROBERT O. BONE, 1948. B.S. in Education, University of Illinois; M.A., Columbia University.
Assistant Professor of Art
- PENELOPE BOUSSOULAS, 1959. B.S., Eastern Michigan University; M.A., University of Michigan.
Instructor in Health and Physical Education
- DONALD W. BOWMAN, 1943. B.A., Mount Union College; M.A., Ph.D., Ohio State University; Sc.D., Mount Union College.
Professor of Physics
- DONALD J. BRENNER, 1959. B.S. in Journalism, Bowling Green State University; M.S. in Journalism, Ohio University.
Director of Student Publications; Laboratory Instructor in Journalism
- MORGAN BRENT, 1957. B.S., M.S., Ph.D., Northwestern University.
Assistant Professor of Biology
- HOWARD O. BROGAN, 1953. B.A., Grinnell College; M.A., State University of Iowa; Ph.D., Yale University.
Professor of English; Chairman, Department of English
- JOSEPH C. BUFORD, 1948. B.Ed., M.S. in Education, Illinois State University.
Assistant Professor of Geography
- GARDON VERN BURNHAM, JR., 1958. B.M.Ed., Bradley University; M.M., University of Illinois.
Assistant Professor of Music; Director of Choral Activities
- RICHARD C. CARPENTER, 1953. B.A., Tufts College; M.A., Ph.D., Boston University.
Associate Professor of English
- ROBERT CHAPMAN, 1957. B.Mus., M.A., State University of Iowa.
Instructor in Music
- EDWARD SCOTT CLAFLIN, 1947. B.A., Oberlin College; M.A., Ph.D., Yale University.
Associate Professor of Political Science
- JOHN R. COASH, 1949. B.A., Colorado College; M.A., University of Colorado; Ph.D., Yale University.
Associate Professor of Geology; Chairman, Department of Geology
- J. RUSSELL COFFEY, 1948. B.A., M.A., Ohio State University; Ed.D., New York University.
Professor of Health and Physical Education
- JACOB COHEN, 1950. B.A., University of Manitoba; M.A., University of Cincinnati; Ph.D., University of Chicago.
Associate Professor of Economics
- THOMAS J. COLANER, February, 1960. B.S. in Ed., Bowling Green State University.
Assistant Instructor in Industrial Arts

- GILBERT W. COOKE, 1937. B.S., M.A., University of Minnesota; Ph.D., University of Wisconsin.
Professor of Business Administration
- SAMUEL M. COOPER, 1946. B.A., Oberlin College; M.A., New York University; Ed.D., Western Reserve University.
Professor of Health and Physical Education; Chairman, Department of Health and Physical Education; Head Swimming Coach
- GEORGE J. COWELL, 1953. B.S.E.E., M.A., Syracuse University.
Assistant Professor of Engineering Drawing
- FORREST CREASON, 1951. B.A., Findlay College; M.S. in Education, Bowling Green State University.
Assistant Professor of Health and Physical Education; Golf Coach; Athletic Ticket Manager
- DANIEL J. CROWLEY, 1919. B.S., Columbia University; M.Ph., University of Wisconsin.
Professor of Graphic Arts
- FLORENCE K. CURRIER, 1943. A.B., Ohio Wesleyan University.
Associate Professor; Dean of Women
- JESSE J. CURRIER, 1940. A.B., Ohio Wesleyan University; M.A., Ohio State University.
Professor of Journalism; Chairman, Department of Journalism
- EDGAR F. DANIELS, 1953. B.A., Otterbein College; M.A., Ph.D., Stanford University.
Assistant Professor of English
- HARRIET DANIELS, 1953. B.A., Wittenberg University; M.A., Northwestern University.
Instructor; Head Resident, Lowry Hall.
- JOHN R. DAVIDSON, 1946. B.S. in Education, Bowling Green State University; M.S., New York University; Ph.D., Ohio State University.
Assistant Professor of Business Administration; Assistant to Dean, College of Business Administration
- RUSSELL DECKER, 1952. B.A., State University of Iowa; J.D., Drake University. (Licensed attorney in Ohio, Iowa, Federal Courts, and U. S. Supreme Court)
Associate Professor of Business Administration; Adviser to the Student Court
- RAYMOND W. DERR, 1952. B.S. in Education, Kansas State College of Pittsburg; M.A., University of Kansas; Ph.D., University of Missouri.
Associate Professor of Journalism
- E. EUGENE DICKERMAN, 1936. B.A., Grand Island College; M.A., Ph.D., Northwestern University.
Professor of Biology
- HARVEY E. DONLEY, 1959. B.S. in Education, Central Missouri State College; A.M., Ph.D., University of Missouri; Certified Public Accountant (Indiana).
Associate Professor of Accounting

- MABEL E. DRENNAN, 1946. B.A., M.A., Ohio Wesleyan University.
Associate Professor of Foreign Language
- ROBERT E. DUDLEY, 1955. B.S. in Education, Ohio State University; M.S. in Education, Bowling Green State University.
Instructor in Health and Physical Education; Assistant Football Coach
- GRACE DURRIN, 1925. B.A., Hope College; M.A., University of Michigan.
Associate Professor of English
- N. WILLIAM EASTERLY, 1957. A.B., West Virginia University; M.S., State University of Iowa; Ph.D., West Virginia University.
Instructor in Biology
- RICHARD ECKER, 1948. B.S. in Education; M.A., Ohio State University; Ed.D., Arizona State University.
Assistant Professor of Music; Assistant Director of Bands
- CATHERINE ELLIS, 1948. B.S. in Education, Ohio Northern University; B.S. in Library Science, Western Reserve University.
Instructor; Librarian
- GERTRUDE EPPLER, 1941. B.S., Michigan State Normal College; M.S., University of Michigan.
Professor of Health and Physical Education; Head of Women's Division of Health and Physical Education
- LEON E. FAULEY, 1930. B.A., Wichita University; B.M., University of Kansas; M.A., Columbia University.
Associate Professor of Music
- MERLE FLAMM, 1957. A.B., Ashland College; M.A., University of Michigan.
Instructor in Physics
- LYLE REXFORD FLETCHER, 1946. B.A., Ohio University; M.A., Ohio State University.
Assistant Professor of Geography
- GILES R. FLOYD, 1948. B.A., Wofford College; M.A., Vanderbilt University; Ph.D., State University of Iowa.
Associate Professor of English
- WILLARD FOX, 1959. B.S., Southeast Missouri State College; A.M., University of Wyoming; Ed.D., Wayne State University.
Assistant Professor of Education
- GEORGE FRACK, 1948. A.B., Muskingum College; M.A., Ohio State University.
District Supervisor of Distributive Education
- RALPH W. FRANK, 1956. B.S., M.A., Kent State University; Ph.D., Northwestern University.
Assistant Professor of Geography
- WERNER G. FRANK, 1958. A.B., M.B.A., University of Chicago; Ph.D., University of Illinois; Certified Public Accountant (Illinois).
Assistant Professor of Accounting

- CAROL M. FREEBURNE, 1948. B.S. in Education, Kansas State Teachers College, Emporia; M.A., Ph.D., State University of Iowa.
Associate Professor of Psychology
- MARY JO FRESHLEY, 1959. B.S. in Education, M.S. in Education, Bowling Green State University.
Intern Instructor in Health and Physical Education
- PATRICIA GANGWER, 1952. B.S. in Com., Kansas State Teachers College, Emporia.
Assistant Professor; Assistant to the President
- JOHN E. GEE, 1946. B.A., Tusculum College; M.Ed., Ed.D., University of Pittsburgh.
Professor of Education; Dean, College of Education
- RALPH H. GEER, 1948. B.A., Defiance College; M.A., Ohio State University; Ed.D., Western Reserve University.
Associate Professor of Education; Director, Summer School and Off Campus Programs
- ROBERT M. GIBSON, 1956. B.S. in Education, Youngstown College; M.Ed., Bowling Green State University.
Instructor in Health and Physical Education; Assistant Football Coach
- STUART R. GIVENS, 1952. B.A., George Washington University; M.A., Ph.D., Stanford University.
Assistant Professor of History
- DAVID GLASMIRE, 1958. B.M., M.M., Cincinnati Conservatory of Music.
Instructor in Music
- MORRIS GOLDEN, 1956. A.B., City College of New York; A.M., Ph.D., New York University.
Assistant Professor of English
- LOUIS C. GRAUE, 1959. B.S., M.S., University of Chicago; Ph.D., Indiana University.
Associate Professor of Mathematics
- MARIAN E. GRAY, 1956. A.B., University of Michigan; M.L.S., University of Wisconsin.
Instructor; Librarian
- JOHN T. GREENE, 1955. B.A., Wayne University; M.A., University of Oregon; Ph.D., University of Illinois.
Instructor in Psychology
- ALICE GREINER, 1949. B.S. in Education, University of Cincinnati; M.S. in Education, Bowling Green State University.
Assistant Professor of Speech
- JAMES C. GRIMM, 1957. B.S. in Education, M.Ed., Bowling Green State University.
Instructor; Director, Residence Services
- ANNA N. GRYTING, 1927. B.S., University of Minnesota; M.A., Columbia University.
Assistant Professor of Mathematics

- ROBERT M. GUION, 1952. B.A., University of Iowa; M.S., Ph.D., Purdue University.
Assistant Professor of Psychology
- BERNARD H. GUNDLACH, 1956. B.S. in M.E., Polytechnic Institute, Hanover, Germany; Ph.D., University of Hamburg, Germany.
Associate Professor of Mathematics
- MEARL R. GUTHRIE, JR., 1954. B.S., M.A., Ball State Teachers College; Ph.D., University of Minnesota.
Associate Professor of Business Education; Chairman, Department of Business Education
- KURT HAAS, 1958. B.S., Brooklyn College; M.S., Pennsylvania State University.
Instructor in Psychology
- CARL D. HALL, 1957. B.S., Southwest Missouri State College; M.F.A., State University of Iowa.
Instructor in Art
- W. HEINLEN HALL, 1936. B.A., Muskingum College; Ph.D., Ohio State University.
Professor of Chemistry; Chairman, Department of Chemistry
- CARL W. HALLBERG, 1951. B.S., M.S., Ph.D., University of Michigan.
Associate Professor of Biology
- GEORGIA HALSTEAD, 1959. B.S. in Home Economics, Purdue University; M.A., Michigan State University; Ph.D., Pennsylvania State University.
Associate Professor of Home Economics; Chairman, Department of Home Economics
- ERNEST S. HAMILTON, 1956. B.S., University of Massachusetts; M.S., Ph.D., Rutgers University.
Assistant Professor of Biology
- AVERILL J. HAMMER, 1946. B.S., Parsons College; M.S., Ph.D., Iowa State University.
Professor of Chemistry
- HAROLD T. HAMRE, 1946. B.S., M.S., University of Wisconsin.
Assistant Professor of Biology
- WILLIAM EDWARD HARRINGTON, 1959. B.S., Baldwin-Wallace College; M.A., Ohio State University; Ed.D., Western Reserve University.
Assistant Professor of Education; Assistant to the Dean of the College of Education
- RALPH G. HARSHMAN, 1936. B.S. in Education, Ohio Northern University; M.A., Ph.D., Ohio State University.
Professor of Business Administration; Vice President
- DALE HAVEN, 1948. B.S. in Education, M.A., Ohio State University.
Associate Professor of Music
- CHARLES E. HELPPIE, 1957. B.S. in Business Administration, Eastern Michigan University; M.A., Wayne State University; Ph.D., Ohio State University.
Assistant Professor of Business Administration

- HELEN W. HENDERSON, 1925. B.Ph., University of Chicago; M.A., Columbia University.
Associate Professor of Home Economics
- ROBERT D. HENDERSON, 1954. B.B.A., Westminster College; M.B.A., Ohio State University; Ph.D., University of Pittsburgh.
Professor of Business Administration; Chairman, Department of Business Administration
- JOHN H. HEPLER, 1949. B.A., M.A., Ohio Wesleyan University.
Assistant Professor of Speech
- DALE HERBERT, 1952. B.S., M.Ed., Bowling Green State University.
Instructor in Health and Physical Education; Assistant Basketball Coach
- GEORGE HERMAN, 1958. A.B., Brooklyn College; M.S., Ph.D., University of Michigan.
Assistant Professor of Speech
- LAURA E. HESTON, 1918. B.S., Ohio State University; M.S., University of Chicago.
Professor of Home Economics
- J. LEVAN HILL, 1948. B.S. in Education, Pennsylvania State Teachers College, California; M.Ed., Ed.D., Pennsylvania State University.
Professor of Industrial Arts; Chairman, Department of Industrial Arts and Engineering Drawing
- JOHN HILTNER, JR., 1958. B.A., M.A., State University of Iowa; Ph.D., Northwestern University.
Instructor in Geography
- JOSEPH E. HIMMEL, 1947. B.A., North Central College; M.M., Northwestern University; Study at the State Conservatory of Music, Munich, Germany; Student of Alexander Kipnis and Gerhard Huesch.
Associate Professor of Music
- CLYDE HISSONG, 1923. B.S. in Education, Miami University; M.A., Columbia University; Ph.D., Ohio State University; LL.D., Miami University.
Professor of Education
- MARY C. HISSONG, 1938. B.S., M.A., Ph.D., Ohio State University.
Associate Professor of English
- RICHARD D. HOARE, 1957. A.B., Augustana College; M.A., Ph.D., University of Missouri.
Instructor in Geology
- JAMES E. HOF, 1957. B.A., M.A., Bowling Green State University.
Instructor; Admissions Officer
- AGNES MARIE HOOLEY, 1954. B.S., University of Bridgeport; M.A., Teachers College, Columbia University; Ph.D., University of Wisconsin.
Associate Professor of Health and Physical Education
- LOYAL E. HORTON, 1952. B.S., Michigan State University; M.S., Pennsylvania State University.
Assistant Professor of Home Economics; Director of Food Service

- ROBERT ROGERS HUBACH, 1947. B.A., University of Kansas City; M.A., University of Colorado; Ph.D., Indiana University.
Associate Professor of English
- HOWARD B. HUFFMAN, 1948. B.S. in Education, Wilmington College; M.B.A., University of Denver.
Assistant Professor of Business Administration
- WAYNE S. HUFFMAN, 1938. B.A., Findlay College; M.A., University of Michigan; D.S.S., Findlay College.
Associate Professor of History
- WILLIAM A. HUNTER, 1958. B.A., Centenary College; M.A., Ph.D., Tulane University.
Assistant Professor of Foreign Language
- PEGGY HURST, 1955. A.B., Wilson College; M.A., Ph.D., University of Wisconsin.
Assistant Professor of Chemistry
- WILBERT HUTTON, 1959. B.S., University of Denver; Ph.D., Michigan State University.
Instructor in Chemistry
- MELVIN HYMAN, 1952. B.A., Brooklyn College; M.A., Ph.D., Ohio State University.
Assistant Professor of Speech; Director, Speech and Hearing Clinic
- WILLIAM B. JACKSON, 1957. A.B., A.M., University of Wisconsin; Sc.D., Johns Hopkins University.
Assistant Professor of Biology
- OLDRICH JICHA, 1949. B.A., Western Reserve University; M.B.A., Harvard University.
Assistant Professor of Business Administration
- MADGE E. JOHNSON, 1937. B.S., University of Arkansas; M.A., Columbia University.
Associate Professor of Home Economics
- STANLEY KAHAN, 1958. B.A., City College of New York; M.A., Ph.D., University of Wisconsin.
Instructor in Speech
- HOWARD H. KANE, 1946. B.S. in Business Administration, University of Dayton; B.S. in Education, M.A., Ohio State University.
Associate Professor of Accounting
- EDWARD J. KARLIN, 1957. B.S., City College of New York; M.S., University of Minnesota; Ph.D., Cornell University.
Instructor in Biology
- LOWRY B. KARNES, 1945. B.A., Muskingum College; M.A., Ph.D., Ohio State University.
Professor of Geography; Chairman, Department of Geography

- ROBERT J. KEEFE, 1955. B.A., Brooklyn College; M.A., Ed.D., Columbia University.
Associate Professor of Health and Physical Education; Tennis Coach
- JAMES PAUL KENNEDY, 1936. B.A., William Penn College; B.M.Ed., M.M., Northwestern University; Ph.D., State University of Iowa; Study at the Matt-hay Pianoforte School, London, England.
Professor of Music; Chairman, Department of Music
- RUTH KILMER, 1947. B.S. in Education, Duquesne University; B.S. in Library Science, Western Reserve University.
Instructor; Librarian
- RUBY L. KING, 1928. B.A., Hillsdale College; B.A. in Library Science, University of Michigan.
Assistant Professor; Librarian
- THOMAS L. KINNEY, 1959. A.B., Swarthmore College; A.M., Ph.D., University of Michigan.
Instructor in English
- DONALD C. KLECKNER, 1952. B.A., Heidelberg College; M.A., Ph.D., University of Michigan.
Professor of Speech; Chairman, Department of Speech
- DAVID M. KRABILL, 1946. B.A., College of Wooster; M.A., Ph.D., Ohio State University.
Professor of Mathematics
- ERVIN J. KREISCHER, 1937. B.S. in Education, Bowling Green State University.
Professor; Treasurer and Business Manager
- CHARLES J. LAKOFSKY, 1948. Diploma, Cleveland Institute of Art; B.F.A., The New York State College of Ceramics, Alfred University; M.A., Ohio State University.
Associate Professor of Art
- JAMES P. LATHAM, 1959. B.S. in Education, M.S. in Education, A.M. in Economics, Ph.D., University of Pennsylvania.
Assistant Professor of Geography
- PAUL F. LEEDY, 1938. B.A., B.A. in Library Science, M.A., Ph.D., University of Michigan.
Professor of English; Chairman, Department of Library Science; Director of University Library
- GERALD LEFKOFF, 1958. B.S., Juilliard School of Music; M.M., Catholic University of America.
Instructor in Music
- LOWELL P. LELAND, 1946. B.A., Colby College; M.A., University of Maine; Ph.D., Ohio State University.
Associate Professor of English

- HERSCHEL LITHERLAND, 1941. B.A., Greenville College; M.A., University of South Dakota; Ph.D., University of Cincinnati.
Professor of Education
- CLIFFORD A. LONG, 1959. B.S., M.S., Ph.D., University of Illinois.
Instructor in Mathematics
- DONALD S. LONGWORTH, 1949. B.S. in Education, M.A., Bowling Green State University; Ph.D., Ohio State University.
Associate Professor of Sociology; Chairman, Department of Sociology
- MILFORD S. LOUGHEED, 1955. B.A.Sc. University of British Columbia; M.A., Ph.D., Princeton University.
Assistant Professor of Geology
- SAMUEL HARMAN LOWRIE, 1939. B.A., Rice Institute; M.A., Ph.D., Columbia University.
Professor of Sociology
- DOROTHY M. LUEDTKE, 1950. B.S. in Education, M.S. in Education, Bowling Green State University.
Instructor in Health and Physical Education; Director, Intramural Athletics for Women
- BEVARS D. MABRY, 1959. B.B.A., University of Chattanooga; M.S., University of Tennessee; Ph.D., Tulane University.
Assistant Professor of Economics
- PAUL MAKARA, 1958. B.M., M.M., Eastman School of Music.
Instructor in Music
- WILLIAM GUY MALLORY, 1959. B.S. in Education, Miami University; M.S. in Education, Bowling Green State University.
Instructor in Health and Physical Education
- MAURICE I. MANDELL, 1953. B.S., New York University; M.B.A., Syracuse University; D.B.A., Indiana University.
Associate Professor of Business Administration
- LEWIS F. MANHART, 1937. B.S. in Education, Bowling Green State University; M.A., Ohio State University.
Professor of Business Administration
- FREDERIC J. MASBACK, February, 1960. B.A., Cornell University; M.A., University of Wisconsin; Ph.D., Syracuse University.
Instructor in English
- HARRY R. MATHIAS, 1931. B.A., Indiana Central College; M.A., Indiana University.
Associate Professor of Mathematics
- DAVID MATTHEWS, 1947. B.S., M.S., University of Michigan; Ed.D., Western Reserve University.
Assistant Professor of Health and Physical Education; Cross Country Coach; Director, Intramural Athletics for Men

- GEORGE R. SNYDER, 1949. B.A., Heidelberg College; M.A., Ph.D., Ohio State University.
Associate Professor of Education
- HARRY SPANGLER, 1947. B.S., M.A., Ph.D., University of North Dakota; Artist Diploma, Cincinnati Conservatory of Music.
Associate Professor of Music
- SHERMAN M. STANAGE, 1959. B.A., University of New Mexico; Th.M., Iliff School of Theology; Ph.D., University of Colorado.
Assistant Professor of Philosophy; Chairman, Department of Philosophy
- HAROLD GLENDON STEELE, 1946. B.A., Northwestern University; M.A., Ohio State University.
Assistant Professor of English; Assistant to Dean, College of Liberal Arts
- WARREN E. STELLER, 1924. B.A., Oberlin College; M.A., Columbia University.
Professor of Health and Physical Education
- ROBERT E. STINSON, 1949. B.F.A., University of Illinois; M.A., M.F.A., State University of Iowa.
Assistant Professor of Art
- SIDNEY C. STONE, 1944. B.A., M.A., Ohio Wesleyan University.
Associate Professor of Speech; Director, University Radio Station WBCU
- GALEN STUTSMAN, 1950. B.S. in Education, M.A., Ph.D., Ohio State University.
Associate Professor of Business Education
- BRIAN SUTTON-SMITH, 1956. B.A., M.A., Ph.D., University of New Zealand.
Assistant Professor of Psychology
- C. GLENN SWANSON, 1934. B.A., M.A., Colorado State College of Education; Ph.D., New York University.
Professor of Sociology
- WALLACE W. TAYLOR, JR., 1957. B.A., Emory University; M.Ed., University of Georgia.
Instructor; Dean of Men
- JACQUELINE E. TIMM, 1946. B.A., M.A., Ph.D., University of Texas.
Associate Professor of Political Science
- MAE A. TINDALL, 1944. B.A., Willamette University; M.A., Columbia University
Assistant Professor of Education
- HAROLD E. TINNAPPEL, 1949. B.S. in Education; M.A., Ph.D., Ohio State University.
Associate Professor of Mathematics
- AMY TORGERSON, 1948. B.S., Central Missouri State College; M.A., New York University.
Assistant Professor of Health and Physical Education
- ROLAND M. TORGERSON, 1947. B.S., M.A., University of Minnesota.
Professor of Industrial Arts

- DUANE E. TUCKER, 1959. A.B., Kansas State Teachers College, Emporia; M.A., Ph.D., University of Wisconsin.
Assistant Professor of Speech
- TOM HOLLINGSWORTH TUTTLE, 1946. B.A., M.A., University of Texas; Ph.D., University of Southern California.
Professor of Philosophy
- ROBERT W. TWYMAN, 1948. B.A., Indiana University; M.A., Ph.D., University of Chicago.
Associate Professor of History
- LELAND S. VAN SCOYOC, 1946. B.S., M.S., Kansas State University; D.B.A., Indiana University.
Professor of Economics; Chairman, Department of Economics
- HAROLD VAN WINKLE, 1953. B.S., Southeast Missouri State College; M.S., Ed.D., Indiana University.
Assistant Professor of Journalism
- GLENN I. VAN WORMER, 1947. B.S. in Education, M.Ed., Bowling Green State University.
Assistant Professor; Registrar and Director of Admissions
- GEORGE VAN ZWALENBERG, 1959. B.S., Calvin College; M.A., University of Florida.
Instructor in Mathematics
- JACOB VERDUIN, 1955. B.S., M.S., Ph.D., Iowa State College of Agriculture and Mechanic Arts.
Professor of Biology; Chairman, Department of Biology
- BRUCE R. VOGELI, 1959. B.S., Mt. Union College; M.A., Kent State University; Ph.D., University of Michigan.
Assistant Professor of Mathematics
- HARMON VOSKUIL, 1946. B.A., Hope College; M.A., University of Minnesota.
Associate Professor of Economics
- WILLARD F. WANKELMAN, 1946. B.S. in Education, M.A., Ohio State University.
Professor of Art; Chairman, Department of Art
- WARREN C. WATERHOUSE, 1959. B.Ed., Wisconsin State College, Eau Claire; M.B.A., University of Denver.
Assistant Professor of Business Administration
- MARY ARMSTRONG WATT, 1954. B.S., Simmons College; M.S., Wellesley College; Ph.D., State University of Iowa.
Associate Professor of Health and Physical Education
- RICHARD A. WEAVER, 1957. B.S. in Education, Bowling Green State University.
Instructor; Coordinator of Student Activities
- JOSEPH E. WEBER, 1937. B.A., M.A., Ph.D., Indiana University.
Professor of Chemistry
- MARTHA GESLING WEBER, 1946. B.A., Ohio Northern University; M.A., Ohio State University; Ph.D., Duke University.
Professor of Education; Director, Reading Center

- RICHARD M. WEBSTER, 1959. B.A. in Music, University of Washington; M.M., Eastman School of Music.
Instructor in Music
- ROY J. WEGER, 1953. B.A., Southeastern State College; M.A., Colorado State College of Education.
Assistant Professor of Music; Director of Bands
- JOHN EVERETT WENRICK, 1947. B.A., M.A., Ph.D., Ohio State University.
Professor of Psychology; Chairman, Department of Psychology
- ELIZABETH V. WHITE, 1959. B.S. in Education, State University Teachers College, Oneonta, N. Y.
Laboratory Instructor in Education
- MARY ELIZABETH WHITNEY, 1952. B.S., University of Michigan; M.S., New York University.
Assistant Professor of Health and Physical Education
- RAYMOND WHITTAKER, 1949. B.S., M.A., Bowling Green State University.
Assistant Professor; Assistant Dean of Students
- ROBERT H. WHITTAKER, 1941. B.S. in Education, Miami University; M.A., Bowling Green State University.
Associate Professor of Health and Physical Education; Track Coach
- E. ELOISE WHITWER, 1946. B.A., Grand Island College; M.A., University of Nebraska.
Associate Professor of Biology
- PHILIP R. WIGG, 1948. B.A., Park College; M.F.A., State University of Iowa.
Assistant Professor of Art
- ALLEN V. WILEY, 1946. B.A., M.A., Lafayette College.
Assistant Professor of Economics
- FRED E. WILLIAMS, 1959. B.S., M.A., Florida State University.
Instructor in Education
- JOHN T. WILLIAMS, 1959. A.B., Central Michigan University; A.M.L.S., A.M. (History), University of Michigan.
Instructor; Librarian
- E. HARRY WOHLER, 1946. B.A., Wittenberg University; M.A., University of Toledo.
Assistant Professor of Mathematics
- RALPH H. WOLFE, 1959. B.S. in Education, M.A., Bowling Green State University.
Intern Instructor in English
- JAMES CLYDE WRIGHT, 1947. B.A., Muskingum College; M.A., Ph.D., Ohio State University.
Associate Professor of Psychology; Assistant Director, Counseling Center
- RAYMOND YEAGER, 1950. B.S. in Education, M.A., Bowling Green State University; Ph.D., Ohio State University.
Assistant Professor of Speech; Forensics Coach

- MARGARET YOCOM, 1929. B.A., Oberlin College; B.S. in Library Science, Western Reserve University.
Associate Professor of Library Science; Librarian
- CHARLES W. YOUNG, 1945. B.A., Ohio Wesleyan University; M.A., Ph.D., Ohio State University.
Professor of Education; Chairman, Department of Education
- JAMES YOUNG, 1959. B.S. in Education, M.S. in Education, Bowling Green University.
Instructor in Health and Physical Education
- RICHARD YOUNG, 1959. B.S. in Education, M.A., Ohio State University.
Instructor in Health and Physical Education; Assistant Football Coach; Head Baseball Coach

FACULTY IN MILITARY SCIENCE AND TACTICS*

- HAROLD BROUDY, 1958. B.A., University of Pittsburgh; Coast Artillery School; Anti-aircraft and Guided Missile School; Field Artillery School; The Air Defense School; Command and General Staff College; Lieutenant Colonel, U.S. Army.
Professor of Military Science and Tactics; Chairman, Department of Military Science and Tactics
- HARRY R. WILLIAMS, 1957. B.A., University of Nebraska; Quartermaster School; Infantry School; Inspector General School; Major, U.S. Army.
Assistant Professor of Military Science and Tactics
- JAMES I. MILLER, 1957. B.S., Bowling Green State University (Distinguished Military Graduate, Army ROTC); Artillery School; Captain, U.S. Army.
Assistant Professor of Military Science and Tactics
- GEORGE E. PECK, 1959. B.A., Oklahoma State University (Distinguished Military Graduate, Army ROTC); Ground General School; Infantry School; Captain, U.S. Army.
Assistant Professor of Military Science and Tactics
- EDWARD G. NEWBY, 1958. Master Sergeant, U.S. Army.
Administrative Assistant
- LEONARD SIKON, 1956. Sergeant First Class, U.S. Army.
Assistant Instructor in Military Science and Tactics
- DONALD TRAYNOR, 1958. Sergeant First Class, U.S. Army.
Assistant Instructor in Military Science and Tactics
- RAY K. MILLER, 1959. Sergeant First Class, U.S. Army.
Administrative Assistant

*Listed in order of military rank.

FACULTY IN AIR SCIENCE*

FRED W. SIEBERT, 1957. B.S., University of Illinois; LL.B., Blackstone School of Law; Registered Professional Engineer, Illinois; Academic Instructors School, The Air University; Industrial College of the Armed Forces; Lieutenant Colonel, U.S. Air Force.

Professor of Air Science; Chairman, Department of Air Science

JACK O. HORTON, 1956. B.S. in Military Science, University of Maryland; M.Ed., Bowling Green State University; Academic Instructors School, The Air University; Major, U.S. Air Force.

Assistant Professor of Air Science

KENNETH JOHNSON, 1958. Academic Instructors School, The Air University; Major, U.S. Air Force.

Assistant Professor of Air Science

JOHN V. STROBLE, 1958. B.S., Carnegie Institute of Technology; Academic Instructors School, The Air University; Captain, U.S. Air Force.

Assistant Professor of Air Science

LEWIS A. DENNY, 1959. Technical Sergeant, U.S. Air Force.

Administrative Assistant

STANTON L. HALVERSON, 1959. Technical Sergeant, U.S. Air Force.

Administrative Assistant

JAMES A. FOOTE, 1957. Staff Sergeant, U.S. Air Force.

Administrative Assistant

PART-TIME FACULTY

DOROTHY H. ABELL. B.S., University of Illinois; M.A., Columbia University.

Instructor in English, Sandusky Branch

GERTRUDE BLISS. B.S. in Education, Ohio State University; M.A., Columbia University.

Instructor in Health and Physical Education, Fremont Branch

JAMES G. BOND. B.A., Baldwin-Wallace College; M.A., Bowling Green State University; Ph.D., New York University.

Instructor in Psychology, Sandusky Branch

RAYMOND BRICKLEY. B.S. in Education, Miami University; M.A., Western Reserve University.

Director, Sandusky Branch

ROBERT R. BROWN, B.S. in Education, M.A., Miami University.

Instructor in Biology, Sandusky Branch

LEONARD BRUBAKER. B.S. Mus.Ed., Wooster College; M.Ed., Ohio State University.

Instructor in Education, Bryan Branch

*Listed in order of military rank.

RUSSELL CAYTON. B.S. in Education, M.Ed., Bowling Green State University.

Director, Bryan Branch

CATHERINE B. CLARK. B.S. in Education, M.S. in Education, Bowling Green State University.

Instructor in Education, Sandusky Branch

DEAN O. CLARK. B.S., M.A., Ph.D., Ohio State University.

Instructor in Education, Sandusky Branch

THOMAS CURTIS. B.A., University of Michigan; S.T.B., Boston University.

Instructor in Music

MARVALENE L. DAY. B.Ph., University of Chicago; M.A., Columbia University.

Supervisor of Student Teaching

EMILY GEER. B.S. in Education, M.A., Bowling Green State University.

Instructor in History

GORDON M. HART. B.S., M.S. in Education, Bowling Green State University.

Director, Fremont Branch

HAROLD HASSELSCHWERT. B.S., M.A., Bowling Green State University.

Intern Instructor in Art

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Instructor in Chemistry, Sandusky Branch

KENNETH HILLE. B.S., Wagner Memorial College; M.A., Bowling Green State University.

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Instructor in History, Sandusky Branch

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Supervisor of Student Teaching

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Instructor in Mathematics, Bryan and Sandusky Branches

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Supervisor of Student Teaching

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Instructor in English

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Instructor in Music, Sandusky Branch

ISABEL NAGEL. B.S., Ithaca College; M.A., Ed.D., Columbia University.

Instructor in Health and Physical Education, Bryan Branch

REIDA NIEDERHOFER. B.S. in Education, M.A., Bowling Green State University.

Instructor in Biology, Sandusky Branch

THE UNIVERSITY THEATRE

The University Theatre provides a means of expression and enjoyment for students. It opens its doors to all students on the campus who wish to try out for roles in plays or participate as technical workers. The Theatre serves as a laboratory for theatre and speech students, and through its presentations the Theatre also enriches the cultural experience of the student body and community.

Play production activity is organized so as to provide training for beginners as well as for more experienced students. Plays produced during the winter include a large number of one-acts, studio plays which are often experimental in nature, and five major productions ranging from recent Broadway successes to theatre masterpieces of earlier periods. Seven full-length plays are produced each summer at the Summer Theatre.

The University Theatre possesses one of the finest physical plants in the state, with well-equipped workshops and stages. The Main Auditorium has a large and well-designed stage and a seating capacity of 1,200.

Gate Theatre, with its smaller stage and house, is ideally suited to more intimate productions. Students build, paint, and light each production under the supervision of the faculty.

A children's play and the Family Play Series of the Ohio Department of Mental Health tour northwest Ohio annually.

RADIO STATION WBGU

The University's educational FM station, WBGU, provides a laboratory for students whose academic work calls for preparation and presentation of radio programs. The programs include other students who wish to participate on a talent or resource basis.

The station, which carries a regular daily schedule of programs, is licensed by the Federal Communications Commission to broadcast on a frequency of 88.1 megacycles.

PUBLIC ADDRESS AND DEBATE

A broad program in public address, including public speaking, discussion, debate, extempore speaking, and interpretative reading, is sponsored by the Department of Speech, with large numbers of stu-

dents participating. Among activities are programs and contests on the campus, appearances before civic, cultural, and educational groups in neighboring cities, and participation in intercollegiate speech contests.

Varsity debate teams traveled 9,338 miles in one year to take part in 157 intercollegiate debates with 63 colleges and universities from 20 states. In addition, debaters and speech students take part in intramural forensic tournaments on the campus, and present talks, discussions, and debates over radio and before numerous service club and high school audiences in northwest Ohio.

MUSIC ORGANIZATIONS

A number of excellent music organizations, some nationally known, are sponsored by the Department of Music. These coeducational organizations are open to all students whether they are majoring in music or not, with selection made on the basis of tryouts.

A Cappella Choir, a nationally known vocal group of 100, has performed in every state east of the Mississippi River on concert tours. For a number of years the Choir has presented special programs over national radio and television networks. In addition to local appearances, tours are scheduled throughout the state.

Collegiate Chorale, a group of 38 singers chosen for their outstanding musical ability and choral experience, is composed of highly selected personnel. The Chorale sings a wide range of more difficult choral music, both for the inherent experience and for presentation in concerts on and off campus. Major tours are scheduled throughout the country.

University Chorus, a group of some 200 singers, is composed of students who desire to sing regardless of previous experience. The Chorus specializes in larger choral works, oratorios, cantatas, and masses. It presents two major performances each year.

Marching Band, open to both men and women, takes the limelight each fall with its halftime shows on the football field. The band has over 100 members as well as majorettes and a drum major.

Concert Band rehearsals begin when the Marching Band ends its season in November. This 100-piece band presents a series of concerts on the campus, including outdoor concerts in the spring, and goes on tour each spring.

University Symphony Orchestra is a full symphonic ensemble and is open to all qualified men and women students, music majors and non-music majors alike. The orchestra appears in several home concerts each year and from time to time gives concerts in neighboring cities, performing standard works from the symphonic repertoire.

The *String Orchestra* and the *University Chamber Orchestra* are smaller, select organizations with membership drawn from the personnel of the University Symphony Orchestra. These organizations are heard in concerts of ensemble music in the course of the year.

The Department of Music also sponsors a number of other vocal and instrumental ensembles which are open to qualified students.

STUDENT PUBLICATIONS

The B-G News, the University newspaper, is published twice a week by the Journalism Department with a student staff. It offers a variety of experience in writing, editing, advertising, and other aspects of newspaper production.

The Key, the University yearbook, is produced by a student staff under the supervision of the Journalism Department. It offers opportunity for expression of a variety of talents in writing, art, photography, and business management.

Both of these publications have consistently received high ratings in annual competitions of national scholastic press associations.

PHYSICAL EDUCATION AND INTRAMURAL SPORTS

The University has excellent facilities for instruction in health and physical education and maintains an outstanding program in athletics for both men and women. The program includes a very large percentage of the student body and a great variety of activities, which range from badminton to swimming and from golf to modern dance. Facilities include the Men's Physical Education Building, Women's Physical Education Building, Natatorium, Stadium with football field and track, golf course, tennis courts, and playing fields for baseball, hockey, soccer, archery, and softball.

The program in health and physical education consists of (1) courses required of students in the freshman and sophomore years; (2) a large number of advanced courses for students who wish additional instruction or who plan to teach health and physical education; (3)

voluntary participation in intramural sports and in athletic recreation by all who are interested; and (4) intercollegiate athletics for those who are specially talented.

The intramural program, one of the most extensive and active to be found anywhere, includes approximately forty different sports and activities for men and women. Among these sports are archery, badminton, basketball, golf, handball, hockey, horseshoes, softball, swimming, table tennis, touch football, track, and volleyball. From 30 to 50 per cent of the student body take an active part in this intramural program.

INTERCOLLEGIATE ATHLETICS

Intercollegiate athletic teams of Bowling Green State University, named the Falcons, compete with teams of other colleges and universities in football, basketball, baseball, golf, tennis, swimming, track, cross-country, and wrestling. Women's hockey and swimming teams compete in a schedule of contests with teams from other colleges and universities.

The University is a member of the Mid-American Conference*, in which it competes for championships in all the Conference sports. In recent years the Falcons have won Mid-American championships in football, basketball, swimming, and golf, and have ranked high in other sports. Intercollegiate competition, however, is not limited to teams in the Conference.

Only students who are in good scholastic standing are eligible to compete in interscholastic contests. When a student becomes a candidate for a position on any of the teams that compete in intercollegiate contests, it is presumed that he does so with the knowledge and consent of his parents or guardian. Every precaution is taken to safeguard the health of students who participate in intercollegiate sports. A physician is always present at intercollegiate contests in the more rigorous sports. Although the University carries a restricted type of insurance on team members, it can guarantee to pay only the cost of first-aid treatment in the event of injury.

*Other MAC members: Kent State University, Ohio University, Miami University, the University of Toledo, Western Michigan University, and Marshall College.