frequence 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. 1-5; 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 BRODY (CHAIRMAN); ASSISTANT PROFESSORS, MAJOR WILLIAMS, CAPTAIN MILLER, CAPTAIN PECK; ASSISTANT INSTRUCTORS, SERGEANT FIRST CLASS SIKON, SERGEANT FIRST CLASS TAYLOR, 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.

COURSES IN MUSIC

MUSIC

PROFESSOR KENNEDY (CHAIRMAN); ASSOCIATE PROFESSORS ALLEN, FALEY, HAYES, HIMMEL, SPANGLER; ASSISTANT PROFESSORS ALEXANDER, BENSTOCK, BUSH, ECKER, WEBER; INSTRUCTORS CHAPMAN, GLASSER, LEPKOFF, MAHA, WEBER; 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.

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

205.* HARMONY. 3; II. A continuation of Music 203. Prerequisite: Music 105. 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 Musician-
ship and Performance Classes (Thursdays at 2:30 p.m.) and 75 per cent of
student and faculty recitals, concerts, and those University Artist Series presenta-
tions that are especially significant musically. All music majors and minors are
required to participate, directly or indirectly, in major departmental concert
productions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>121-128*</td>
<td>221-224*</td>
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<tr>
<td>131-138*</td>
<td>231-234*</td>
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<tr>
<td>141-148*</td>
<td>241-244*</td>
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<td>161-166*</td>
<td>261-264*</td>
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<tr>
<td>171-178*</td>
<td>271-274*</td>
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<td>181-188*</td>
<td>281-284*</td>
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<td>191-198*</td>
<td>291-294*</td>
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**BRASS**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100a, 300a</td>
<td>Brass Ensemble</td>
</tr>
<tr>
<td>100c, 300c</td>
<td>Brass Quartet</td>
</tr>
<tr>
<td>100e, 300e</td>
<td>Trumpet Trio</td>
</tr>
<tr>
<td>100g, 300g</td>
<td>Wind and Percussion Ensemble</td>
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</table>

<table>
<thead>
<tr>
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<th>Course Name</th>
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<tbody>
<tr>
<td>100b, 300b</td>
<td>Trombone Quartet</td>
</tr>
<tr>
<td>100d, 300d</td>
<td>Brass Sextet</td>
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<tr>
<td>100f, 300f</td>
<td>French Horn Quartet</td>
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**STRINGS**

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<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100j, 300j</td>
<td>Piano Trio, Quartet, or Quintet</td>
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<tr>
<td>100m, 300m</td>
<td>String Ensemble</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100k, 300k</td>
<td>String Quartet</td>
</tr>
<tr>
<td>100n, 300n</td>
<td>String Ensemble with Woodwinds, Brass, or Percussion</td>
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</table>

**PERCUSSION**

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100r, 300r</td>
<td>Percussion Ensemble</td>
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</table>

**WOODWINDS**

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<th>Course Code</th>
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<tbody>
<tr>
<td>100s, 300s</td>
<td>Clarinet Quartet</td>
</tr>
<tr>
<td>100u, 300u</td>
<td>Mixed Ensemble, Trio or Quartet</td>
</tr>
<tr>
<td>100t, 300t</td>
<td>Woodwind Quintet</td>
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<tr>
<td>100v, 300v</td>
<td>Woodwind Choir</td>
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<tr>
<td>100w, 300w</td>
<td>Saxophone Quartet</td>
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**PIANO**

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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100x, 300x</td>
<td>Piano Duo (two pianos, four hands)</td>
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<tr>
<td>100y, 300y</td>
<td>Piano Accompaniment</td>
</tr>
<tr>
<td>100z, 300z</td>
<td>Piano Ensemble (one piano, four hands and ensemble)</td>
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**VOCAL**

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<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>100aa, 300aa</td>
<td>Madrigal Society</td>
</tr>
<tr>
<td>100cc, 300cc</td>
<td>Men's Quartet</td>
</tr>
<tr>
<td>100bb, 300bb</td>
<td>Women's Octet</td>
</tr>
<tr>
<td>300dd</td>
<td>Opera Workshop</td>
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</table>

**200**: LARGE ENSEMBLES, I; 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 per-
manent academic record, but not more than 8 semester hours may apply toward
degree requirements. Staff.

- **A Cappella Choir**
- **University Chorus**
- **Marching Band and concert bands (first semester)**
- **Symphony Orchestra**

†The 1 semester hour credit for band activities requires participation for the
fall 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 Educa-
  tion 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 for his
description 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
half weeks to complete his credit in the course.

**FEES**

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 equip-
ment without charge, in accordance with schedules and regulations determined by
the Department of Music.
## INDUSTRIAL ARTS CURRICULUM

### FIRST YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Art 101</td>
<td>Engineering Drawing 102</td>
</tr>
<tr>
<td>Engineering Drawing 101</td>
<td>English 102</td>
</tr>
<tr>
<td>English 101</td>
<td>Industrial Arts 111</td>
</tr>
<tr>
<td>Industrial Arts 103</td>
<td>Physics 100</td>
</tr>
<tr>
<td>Industrial Arts 121</td>
<td>Speech 102</td>
</tr>
<tr>
<td>Health-Physical Ed. 101</td>
<td>Health-Physical Ed. 102</td>
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### SECOND YEAR

<table>
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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>English 201</td>
<td>Industrial Arts 203</td>
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<tr>
<td>Industrial Arts 221</td>
<td>Industrial Arts 211</td>
</tr>
<tr>
<td>Industrial Arts 231</td>
<td>Industrial Arts 261</td>
</tr>
<tr>
<td>Psychology 101</td>
<td>Science or mathematics elective</td>
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<tr>
<td>Science elective</td>
<td>Health-Physical Ed. 201</td>
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<tr>
<td>Health-Physical Ed. 201</td>
<td>Health-Physical Ed. 202</td>
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### THIRD YEAR

<table>
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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>Art 263</td>
<td>Industrial Arts 291</td>
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<tr>
<td>Graphic Arts 308</td>
<td>Industrial Arts 371</td>
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<tr>
<td>Industrial Arts 347</td>
<td>Social studies electives</td>
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<tr>
<td>Industrial Arts 352</td>
<td>Minor or elective</td>
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<tr>
<td>Industrial Arts 381</td>
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</table>

### FOURTH YEAR

Semester of professional concentration, including student teaching: 
- Applied music: 2
- Minor or electives: 9

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**FOOTNOTES:**
*Music 201 may be taken either semester. If not taken first semester, Psychology 101 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).

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 typing 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, 409. 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.


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.

**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 5 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.
Professor Emeritus

Arch B. Conklin, 1939. B.S., College of Wooster; M.A., Columbia University.
Dean Emeritus of Students

William G. 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

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. Zauke, 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.

THE FACULTY

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. Abele, 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 Singer, 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

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

Professor of Health and Physical Education; Director of Athletics; Head Basketball Coach

Iris F. 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

Assistant Professor of Industrial Arts

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

Assistant Professor of Art

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

Assistant Professor of Geography

CARNON VERN BURNHAM, JR., 1938. 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 CLAPLIN, 1947. B.A., Oberlin College; M.A., Ph.D., Yale University.
Associate Professor of Political Science

JOHN R. CROSS, 1949. B.A., Colorado College; M.A., University of Colorado; Ph.D., Yale University.
Associate Professor of Geology; Chairman, Department of Geology

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

Assistant Instructor in Industrial Arts
THE FACULTY

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

GERHARD 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

GERHART EPPNER, 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

Instructor in Physics

LYLE REXFORD FLETCHER, 1946. B.A., Ohio University; M.A., Ohio State University.
Assistant Professor of Geography

GLEE 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 FRANK, 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

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

Assistant Professor of Engineering Drawing

FORREST CRESOON, 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.P.H., 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)
Assistant Professor of Business Administration; Advisor 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

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
Cecil M. Freeburne, 1948. B.S. in Education, Kansas State Teachers College, Emporia; M.A., Ph.D., State University of Iowa.
Associate Professor of Psychology

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

Professor of Education; Dean, College of Education

Ralph H. Gee, 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

Instructor in Health and Physical Education; Assistant Football Coach

Assistant Professor of History

Instructor in Music

Assistant Professor of English

Louis C. Graue, 1959. B.S., M.S., University of Chicago; Ph.D., Indiana University.
Associate Professor of Mathematics

Marion 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

Instructor; Director, Residence Services

Anna N. Gryting, 1927. B.S., University of Minnesota; M.A., Columbia University.
Assistant Professor of Mathematics

The Faculty

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

Earl S. Hamilton, 1956. B.S., University of Massachusetts; M.S., Ph.D., Rutgers University.
Assistant Professor of Biology

Avril J. Hammer, 1946. B.S., Parsons College; M.S., Ph.D., Iowa State University.
Professor of Chemistry

Harold T. Hamrlik, 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

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.Fh., 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

Assistant Professor of Speech

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

Professor of Industrial Arts; Chairman, Department of Industrial Arts and Engineering Drawing

JOHN HILTMAN, 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 HISSENG, 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. HISSENG, 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

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.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

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

Assistant Professor of Biology

ODRICK JCHA, 1949. B.A., Western Reserve University; M.B.A., Harvard University.
Assistant Professor of Business Administration

MADRE 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

LEWIS B. KARNES, 1945. B.A., Muskingum College; M.A., Ph.D., Ohio State University.
Professor of Geography; Chairman, Department of Geography
THE FACULTY

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

Assistant Professor of Geology

SAMUEL HARMON LOWNES, 1939. B.A., Rice Institute; M.A., Ph.D., Columbia University. 
Professor of Sociology

Instructor in Health and Physical Education; Director, Intramural Athletics for Women

BEVERLY D. MARBY, 1959. B.B.A., University of Chattanooga; M.S., University of Tennessee; Ph.D., Tulane University. 
Assistant Professor of Economics

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. MANNHART, 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

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

Associate Professor of Health and Physical Education; Tennis Coach

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

Assistant Professor; Librarian

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. Kreisheimer, 1937. B.S. in Education, Bowling Green State University. 
Professor; Treasurer and Business Manager

Associate Professor of Art

Assistant Professor of Geography

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
THE FACULTY

DUANE E. TUCKER, 1959. A.B., Kansas State Teachers College, Emporia; M.A., Ph.D., University of Wisconsin.
Assistant Professor of Speech

TONY 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

Assistant Professor; Registrar and Director of Admissions

GEORGE VAN ZWALENBERG, 1959. B.S., Calvin College; M.A., University of Florida.
Instructor in Mathematics

JACOB VENSTRA, 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

RAHMON 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

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

Instructor; Coordinator of Student Activities

Professor of Chemistry

MARTHA GEELING WEBER, 1946. B.A., Ohio Northern University; M.A., Ohio State University; Ph.D., Duke University.
Professor of Education; Director, Reading Center
THE FACULTY

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

Instructor in Health and Physical Education; Assistant Football Coach; Head Baseball Coach

FACULTY IN MILITARY SCIENCE AND TACTICS*

HAROLD BROUDY, 1953. 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

Administrative Assistant

Assistant Instructor in Military Science and Tactics

Assistant Instructor in Military Science and Tactics

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

Assistant Professor of Air Science

Assistant Professor of Air Science

Assistant Professor of Air Science

Administrative Assistant

Administrative Assistant

Administrative Assistant

PART-TIME FACULTY

Dorothy H. Arel. 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 Brackley. B.S. in Education, Miami University; M.A., Western Reserve University.
Director, Sandusky Branch

Instructor in Biology, Sandusky Branch

Instructor in Education, Bryan Branch

*Listed in order of military rank.
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, extemporaneous speaking, and interpretative reading, is sponsored by the Department of Speech, with large numbers of students 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, discourses, 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.