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OTTERBEIN⁷

COLLEGE BULLETIN

1953



WESTERVILLE, OHIO

ACCREDITATION

Official recognition of a college by standardizing agencies indicates that the institution so recognized maintains high standards of scholarship and academic excellence and that its credits are accepted for entrance to graduate and professional schools.

Otterbein College is a member of or is approved by the following standardizing agencies:

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN*

ASSOCIATION OF AMERICAN COLLEGES

ASSOCIATION OF AMERICAN UNIVERSITIES

NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC

NORTH CENTRAL ASSOCIATION OF COLLEGES AND
SECONDARY SCHOOLS

OHIO COLLEGE ASSOCIATION

STATE DEPARTMENT OF EDUCATION OF OHIO AND
DEPARTMENTS OF EDUCATION OF OTHER STATES

Otterbein is approved for training high school teachers in the regular academic fields and in the specialized fields of Fine Arts, Home Economics, Music, and Physical Education, as well as teachers in Elementary Education.

* Otterbein's recognition by this Association makes her alumnae eligible for membership in any local A. A. U. W. chapter.

Otterbein College Bulletin

CATALOG NUMBER

FOR THE YEAR 1952 - 1953

WITH ANNOUNCEMENTS FOR 1953 - 1954

THE ONE HUNDRED AND SIXTH YEAR

WESTERVILLE, OHIO

February, 1953

Volume XLIV, No. 1

Entered as Second Class Matter at Westerville, Ohio. Acceptance for mailing at Special Rate Postage provided for in Section 1103, Act of October 3, 1917. Authorized July 26, 1918. Issued quarterly.

PURPOSE OF OTTERBEIN COLLEGE

Otterbein College is devoted primarily to a program of Christian liberal arts education. She seeks for her faculty and students liberation from the limitations of opportunity and outlook belonging to a particular race, class, region, or nation, and leads them in the impartial search for truth, social justice, and a Christian world order. Whenever the college finds it desirable to give instruction in specialized, vocational, or other kinds of limited knowledge, she makes clear the relationship of such training to individual, social, and religious needs which are permanent and universal. Cherishing and creating the Christian and democratic traditions in a living world society, *Otterbein holds to her major purpose: to discover, to motivate, and to train intellectual leaders in every student generation for Christian service in church and society.*

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1953

CALENDAR

1953

JANUARY							MAY							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3						1	2			1	2	3	4	5
4	5	6	7	8	9	10	3	4	5	6	7	8	9	6	7	8	9	10	11	12
11	12	13	14	15	16	17	10	11	12	13	14	15	16	13	14	15	16	17	18	19
18	19	20	21	22	23	24	17	18	19	20	21	22	23	20	21	22	23	24	25	26
25	26	27	28	29	30	31	24	25	26	27	28	29	30	27	28	29	30			
							31													
FEBRUARY							JUNE							OCTOBER						
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8	9	10	11	12	13	14	14	8	9	10	11	12	13	4	5	6	7	8	9	10
15	16	17	18	19	20	21	21	15	16	17	18	19	20	11	12	13	14	15	16	17
22	23	24	25	26	27	28	28	22	23	24	25	26	27	18	19	20	21	22	23	24
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	8	9	10	11	12	13	14
15	16	17	18	19	20	21	12	13	14	15	16	17	18	15	16	17	18	19	20	21
22	23	24	25	26	27	28	19	20	21	22	23	24	25	22	23	24	25	26	27	28
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19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
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							30	31												

1954

CALENDAR

1954

JANUARY							MAY							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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10	11	12	13	14	15	16	9	10	11	12	13	14	15	12	13	14	15	16	17	18
17	18	19	20	21	22	23	16	17	18	19	20	21	22	19	20	21	22	23	24	25
24	25	26	27	28	29	30	23	24	25	26	27	28	29	26	27	28	29	30		
31							30	31												
FEBRUARY							JUNE							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	1	2	3	4	5	6	6	7	8	9	10	11	12	3	4	5	6	7	8	9
14	8	9	10	11	12	13	13	14	15	16	17	18	19	10	11	12	13	14	15	16
21	15	16	17	18	19	20	20	21	22	23	24	25	26	17	18	19	20	21	22	23
28	22	23	24	25	26	27	27	28	29	30				24	25	26	27	28	29	30
														31						
MARCH							JULY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	1	2	3	4	5	6				1	2	3	7	1	2	3	4	5	6	
14	8	9	10	11	12	13	4	5	6	7	8	9	10	14	8	9	10	11	12	13
21	15	16	17	18	19	20	11	12	13	14	15	16	17	21	15	16	17	18	19	20
28	22	23	24	25	26	27	18	19	20	21	22	23	24	28	22	23	24	25	26	27
							25	26	27	28	29	30	31							
APRIL							AUGUST							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	1	2	3	4	5	6	7			1	2	3	4	
11	12	13	14	15	16	17	8	9	10	11	12	13	14	5	6	7	8	9	10	11
18	19	20	21	22	23	24	15	16	17	18	19	20	21	12	13	14	15	16	17	18
25	26	27	28	29	30		22	23	24	25	26	27	28	19	20	21	22	23	24	25
							29	30	31					26	27	28	29	30	31	

COLLEGE CALENDAR

1953

Sept. 11	Friday, Faculty Conference
Sept. 13	Sunday, 2:30 p.m., Freshman Period Begins
Sept. 16	Wednesday, 8:00 a.m. to 4:00 p.m., Registration for Sophomores, Juniors and Seniors
Sept. 17	Thursday, 8:00 a.m., First Semester classes begin
Sept. 20	Sunday, College-Seminary Day
Nov. 11	Wednesday, Mid-Semester
Nov. 18	Wednesday, Mid-Semester Grades are due in the Registrar's Office
Nov. 25	Wednesday, 5:00 p.m., Thanksgiving Vacation Begins
Nov. 30	Monday, 8:00 a.m., Classes Reconvene
Dec. 18	Friday, 5:00 p.m., Christmas Vacation Begins

1954

Jan. 4	Monday, 8:00 a.m., Classes Reconvene
Jan. 23	Saturday, 8:00 a.m. to 12:00 noon, Registration for Second Semester
Jan. 25-29	Monday thru Friday, First Semester Examinations
Jan. 30	Saturday, Second Semester Registration for New Students
Feb. 1	Monday, 8:00 a.m., Second Semester classes begin
Feb. 5	Friday, First Semester Grades are due in the Registrar's Office
March 7-11	Sunday thru Thursday, Religious Emphasis Week
March 25	Thursday, Mid-Semester
April 1	Thursday, Mid-Semester Grades are due in the Registrar's Office
April 1	Thursday, 5:00 p.m., Spring Vacation Begins
April 14	Wednesday, 8:00 a.m., Classes Reconvene
April 26	Monday, Founder's Day and Senior Recognition Day
May 8	Saturday, May Day
May 29	Saturday, 8:00 a.m. to 12:00 noon, Registration for First Semester, 1954-1955
May 30	Sunday, Memorial Day
May 31-June 4	Monday thru Friday, Second Semester Examinations
June 6	Baccalaureate Sunday
June 7	Monday, Ninety-seventh Annual Commencement, concluding the one hundred sixth year
June 10	Thursday, Second Semester Grades are due in the Registrar's Office

THE CORPORATION

BOARD OF TRUSTEES

Chairman—Vance E. Cribbs, B.S.....Middletown, Ohio
Vice-Chairman—Harold L. Boda, B.A., M.A., D. Ed.....Dayton, Ohio
Secretary—E. L. Weinland, Ph.B., LL.B., LL.D.....Westerville, Ohio

Erie Conference

Rev. Harold V. Lindquist, B.A., B.D., Youngsville, Pa.....Sept., 1953
Rev. C. M. McIntyre, Rixford, Pa.....Sept., 1954
Rev. S. Paul Weaver, B.S., B.D., D.D., Jamestown, N.Y.....Sept., 1955

Florida Conference

Lloyd A. Abbott, Tampa, Fla.....Sept., 1953

Michigan Conference

Rev. J. F. Hatton, B.A., D.D., Hastings, Mich.....Sept., 1953
Rev. Stanley Forkner, B.A., B.D., Detroit, Mich.....Sept., 1954
Rev. J. A. Beardsley, Manchester, Mich.....Sept., 1955

Ohio East Conference

Paul Maibach, Sterling, Ohio.....Sept., 1953
Rev. Edwin P. Eberly, B.A., Akron, Ohio.....Sept., 1954
Rev. Robert E. Airhart, B.A., B.D., Barberton, Ohio.....Sept., 1955

Ohio Miami Conference

Rev. E. R. Turner, B.A., D.D., Dayton, Ohio.....Sept., 1953
Rev. J. P. Hendrix, B.A., D.D., Fletcher, Ohio.....Sept., 1954
Rev. William K. Messmer, B.A., B.D., D.D., Dayton, Ohio.....Sept., 1955

Ohio Sandusky Conference

Rev. Paul C. Walter, Galion, Ohio.....Sept., 1953
Rev. Don H. Hochstettler, B.A., B.D., Findlay, Ohio.....Sept., 1954
Rev. V. H. Allman, LL.B., B.D., D.D., St. Marys, Ohio.....Sept., 1955

Ohio Southeast Conference

Rev. E. E. Harris, B.A., B.D., D.D., Dayton, Ohio.....Sept., 1953
Rev. D. S. Mills, Columbus, Ohio.....Sept., 1954
Rev. Glendon Herbert, Portsmouth, Ohio.....Sept., 1955

Tennessee Conference

Rev. E. B. Jeffers, Johnson City, Tenn.....Sept., 1953
Rev. James Castro Smith, B.A., Knoxville, Tenn.....Sept., 1954

Western Pennsylvania Conference

Rev. H. L. McFarland, B.A., B.D., Altoona, Pa.....Sept., 1953
Rev. J. D. Good, B.A., D.D., Pitcairn, Pa.....Sept., 1954
Rev. B. F. Bungard, D.D., Mt. Pleasant, Pa.....Sept., 1955

West Virginia Conference

J. B. Gant, Huntington, W. Va.....	Sept., 1953
Rev. Ray N. Shaffer, B.A., D.D., Parkersburg, W. Va.....	Sept., 1954
Rev. Robert F. Evans, B.A., B.D., Fairmont, W. Va.....	Sept. 1955

Trustees-at-Large

Homer B. Kline, B.A., LL.D., Wilkinsburg, Pa.....	June, 1952
Wesley O. Clark, LL.D., Dayton, Ohio.....	June, 1952
E. N. Funkhouser, B.A., LL.D., L.H.D., Hagerstown, Md.....	June, 1953
Bishop A. R. Clippinger, B.D., D.D., LL.D., Dayton, Ohio.....	June, 1954
Mrs. E. S. Kern, B.A., Columbus, Ohio.....	June, 1954
E. B. Heisel, B.A., M.D., Columbus, Ohio.....	June, 1955
E. L. Weinland, Ph.B., LL.B., LL.D., Westerville, Ohio.....	June, 1955
P. H. Kilbourne, B.A., M.D., D.Sc., Dayton, Ohio.....	June, 1956
Roger K. Powell, B.A., LL.B., Columbus, Ohio.....	June, 1956

Alumni Trustees

Homer D. Cassel, B.A., M.D., Dayton, Ohio.....	June, 1953
Harold L. Boda, B.A., M.A., D.Ed., Dayton, Ohio.....	June, 1953
Joseph W. Eschbach, B.S., M.D., Dearborn, Michigan.....	June, 1954
Paul V. Sprout, B.A., Cleveland, Ohio.....	June, 1954
Earl R. Hoover, B.A., LL.B., Cleveland, Ohio.....	June, 1955
Howard W. Elliott, B.A., Westerville, Ohio.....	June, 1955
Roy A. Burkhardt, B.A., M.A., Ph.D., D.D., Columbus, Ohio.....	June, 1956
Mrs. F. O. Clements, Westerville, Ohio.....	June, 1956
Vance E. Cribbs, B.S., Middletown, Ohio.....	June, 1957
Mabel Gardner, B.A., M.D., F.A.C.S., L.H.D., Middletown, Ohio.....	June, 1957

Honorary Trustee

Dr. Francis M. Pottenger, Ph.B., Ph.M., M.A., M.D., LL.D., F.A.C.P.,
Monrovia, California

Executive Committee

J. Gordon Howard, Chairman

Vance E. Cribbs, B.S., Middletown, Ohio.....	June, 1953
Mrs. F. O. Clements, Westerville, Ohio.....	June, 1953
Rev. J. P. Hendrix, B.A., D.D., Fletcher, Ohio.....	June, 1953
Harold L. Boda, B.A., M.A., D.Ed., Dayton, Ohio.....	June, 1953
W. K. Messmer, B.A., B.D., D.D., Dayton, Ohio.....	June, 1953
E. A. Schultz, B.A., B.D., D.D., Johnstown, Pa.....	June, 1953
Wesley O. Clark, LL.D., Dayton, Ohio.....	June, 1954
Bishop A. R. Clippinger, B.D., D.D., LL.D., Dayton, Ohio.....	June, 1954
Homer B. Kline, B.A., LL.D., Wilkinsburg, Pa.....	June, 1954
Rev. Ray N. Shaffer, B.A., D.D., Parkersburg, W. Va.....	June, 1954
H. W. Troop, B.A., LL.B., M.A., Westerville, Ohio.....	June, 1954
E. L. Weinland, Ph.B., LL.B., LL.D., Westerville, Ohio.....	June, 1954

THE ADMINISTRATIVE STAFF

ADMINISTRATIVE OFFICERS

John Gordon Howard, B.A., B.D., M.A., D.D., LL.D.....	President
1945-	
Royal Frederick Martin, B.P.E., B.A., M.Ed., LL.D.....	
..... Vice President, Dean of Men and Veterans' Coordinator	
1945-	
Paul Bunyan Anderson, B.A., M.A., Ph.D.....	Academic Dean
1946-	
Joanne Frances VanSant, B.A., M.A.....	Dean of Women
1952-	
Floyd Johnson Vance, B.A., M.A.....	Registrar, Director of Admissions
.....	Director of Placement
1921-	
Wade Sellers Miller, B.A., B.D., D.D.....	
..... Director of Public Relations and Development Fund	
1942-	
Mrs. Mary Weinland Crumrine, B.A., B.Mus., B.L.S.....	Librarian
1935-	
Sanders Admiral Frye, B.C.E.....	Business Manager
1947-	
George Nelson Hogue, B.A.....	Treasurer
1948-	
Gilbert Emory Mills, B.A., M.A.....	Secretary of the Faculty
1942-	
Walter Marshall Stout, B.A., B.S. in Ed., M.A., M.D.....	College Physician
1946-	
Raymond Leach Jennings, B.S., M.D.....	Associate College Physician
1949-	
Mrs. Mildred Leona Crane, R.N.....	College Nurse
1948-	
Alice Martha Rheinheimer, B.S.....	Director of Food Service
1951-	

ADVISORY ADMINISTRATIVE OFFICERS

Millard Joseph Miller, B.A., B.D., D.D.....	
..... Pastor of the First Evangelical United Brethren Church	
1945-	
Woodrow Wilson Bell, B.A., B.D.....	
..... Pastor of the Second Evangelical United Brethren Church	
1950-	

ASSISTANT ADMINISTRATIVE OFFICERS

Mrs. Frances Farran Beatty, B.A., B.L.S.....	Assistant Librarian and Cataloger
1939-	
Mrs. Jennie Shoop Miller, B.A.....	Assistant in the Library
1947-	
Samuel Isaac Thackrey, B.S.....	Director, News Bureau
1950-	
Albert Vernon Horn, B.A.....	Assistant Treasurer
1952-	

Ford Harris Swigart, Jr., B.A.....Admissions Officer
 1952-
 Richard Lee Whitehead, B.A.....Admissions Officer
 1952-

WOMEN'S RESIDENCE STAFF

Mrs. Anne Morris Bercaw Head Resident at Clippinger Cottage
 1940-
 Mrs. Merle Eubanks Anthony.....Head Resident at King Hall
 1946-
 Mrs. Eva Luella McCoy.....Head Resident At Saum Hall
 1950-
 Mrs. Carrie Miles Philo, B.A.....Head Resident at Cochran Hall
 1952-
 Mrs. Dorothy G. VanSant.....Head Resident at Garst Cottage
 1952-

OFFICE ASSISTANTS

Mrs. Betty Jean Stockton, B.A.....Secretary to the President
 1950-
 Mrs. Ethel Shelley Steinmetz, B.A.....Secretary to the Vice President
 1952-
 Elsie Irene Chambers.....Secretary to the Treasurer
 1951-
 Mrs. Margaret Jeannette Swank.....Payroll Clerk, Treasurer's Office
 1950-
 Peter B. Baker, B.A.....Secretary to the Registrar
 1950-
 Mrs. Helen Moore.....Assistant to the Director of Admissions
 1950-
 Mrs. Jean Louise Chase, B.A.....Assistant to the Director of Public Relations
 1951-
 Mrs. Millicent Annabelle Davis.....Secretary to the Business Manager
 1948-
 Mrs. Mary Elizabeth Shackson.....Secretary, Department of Music
 1949-

DIVISIONAL CHAIRMEN

Language and Literature.....	Paul Bunyan Anderson
Science and Mathematics.....	Lyle Jordan Michael
Social Studies.....	John Neely Boyer
Fine Arts.....	Lucius Lee Shackson
Professional Studies.....	Harold Lorin McMillan

ADMINISTRATIVE COUNCIL

John Gordon Howard, Royal Frederick Martin, Joanne VanSant,
Floyd Johnson Vance, Robert Price, and Paul Bunyan Anderson

CHAIRMEN OF FACULTY COMMITTEES

Admissions and Scholarships.....	Royal F. Martin
Alumni Council Representatives.....	Fred A. Hanawalt and Royal F. Martin
Audio-Visual Education.....	Charles Gordon Woodward
Catalog.....	Floyd Johnson Vance
Counseling and Guidance.....	Lyle J. Michael
Credits and Graduation Requirements.....	Floyd Johnson Vance
Curriculum and Honors.....	Paul Bunyan Anderson
Faculty Club.....	Lena May Wilson
Graduate Study.....	Frederic Richard Bamforth
Health.....	Albert James Esselstyn
Honorary Degrees.....	John Gordon Howard
Intercollegiate Athletics.....	J. Neely Boyer
Lectures and Public Occasions.....	Wade Sellers Miller
Library.....	Harold Lorin McMillan
Ohio Conference Representatives.....	Harry E. Ewing and J. Neely Boyer
Retirement and Salaries.....	Walter R. Bailey
Schedule.....	Walter R. Bailey
Sibyl Advisers.....	James Adams Grissinger and George Nelson Hogue
Spiritual Life.....	Keith Dempster Crane
Student-Faculty Relations.....	Robert Price
Tan and Cardinal Advisers.....	George Nelson Hogue and Samuel Isaac Thackrey

THE TEACHING STAFF

EMERITUS CORPS

In the list below, the names are arranged in order of the number of years of service in Otterbein College. The dates indicated mark the year of appointment and of the end of active service.

ALZO PIERRE ROSSELOT.....*Professor of History and Government*
B.A., Otterbein College, 1905; M.A., Otterbein College, 1908; M.A.,
University of Wisconsin, 1909; Ph.D., Ohio State University, 1933;
graduate work, University of Paris in 1910-1911.
1905-1952

GLENN GRANT GRABILL.....*Professor of Music*
Diploma in Music, Otterbein College, 1900; B.Mus., Otterbein College,
1914; A.A.G.O., American Guild of Organists, 1918; studied Piano under
Talemaque Lambrino, Leipzig, Germany, 1907-1908; studied Organ under
J. R. Hall, Cleveland, Ohio, and Roland Dunham and Minnie T. Mills,
Columbus, Ohio; studied Piano with Fannie Bloomfield Zeisler and Emil
Leibling, Chicago, Ill.; studied Harmony, Counterpoint and Composition
under A. Brune, A. Weidig, Adolph Rosenbecker and Daniel Prothero,
Chicago, Ill.
1905-1948

LULA MAY BAKER.....*Assistant Professor of Music*
B.A., Otterbein College, 1896; B.Mus., Otterbein College, 1898; studied
Piano under Herman Ebeling, 1900-1903; Howard Wells (Berlin), 1910-
1911; Leo Podolsky (Sherwood School), 1932-1936.
1903-1942; 1942-1944

EDWARD WALDO EMERSON SCHEAR.....*Professor of Biology and Geology*
B.A., Otterbein College, 1907; M.A., Columbia University, 1915; Ph.D.,
Ohio State University, 1928; graduate work at the New York Botanical
Garden, 1917.
1912-1951

ARTHUR RAY SPESSARD.....*Professor of Voice*
Diploma in Voice, Lebanon Valley College, 1907; B.I., Neff College,
1908; Studied Voice: under Wm. Shakespeare, London, Eng., summer of
1908; George Russell Straus, Philadelphia, 1908-1909; George M. Green,
New York, 1910; Professor Bibb at the Peabody Conservatory, summer
of 1934.
1913-1947

CARY OSCAR ALTMAN.....*Professor of English Language and Literature*
B.A., Otterbein College, 1905; M.A., Ohio State University, 1912; graduate
work: (summer sessions) University of Illinois, 1908; University of Chi-
cago, 1909; University of Michigan, 1912; University of California, 1914;
and University of Chicago, 1915; Ohio State University, (year) 1922-1923.
1915-1948

BENJAMIN CURTIS GLOVER.....*Professor of Mathematics*
 B.S., Northwestern University, 1907; M.A., University of Chicago, 1925;
 graduate work: Ohio State University, summers of 1926, 1927, 1931,
 and 1941.

1919-1950

JOHN FRANKLIN SMITH.....*Professor of Speech*
 B.A., Otterbein College, 1910; M.A., Ohio State University, 1920; gradu-
 ate work: Ohio State University, 1926-1927; Emerson College, School of
 Speech, Boston, summers of 1927 and 1928; University of Michigan, sum-
 mer of 1930; Louisiana State University, summer of 1939; Ohio State
 University, part time, 1938-1939 and 1941-1942.

1927-1950

WILLARD WILLIAM BARTLETT.....*Professor of Education*
 B.S., Colgate University, 1910; M.A., Columbia University, 1916; Ph.D.,
 Ohio State University, 1933; Certificat d'Etudes Francaises, Université de
 Toulouse, 1939.

1936-1946

ACTIVE CORPS

In the list below, with the exception of the President, the names are
 arranged in order of seniority of service in Otterbein College. The date in-
 dicated marks the year of appointment.

JOHN GORDON HOWARD.....*President*
 B.A., Otterbein College, 1922; B.D., Bonebrake Theological Seminary,
 1925; A.M., New York University, 1927; D.D., Otterbein College, 1936;
 LL.D., Albright College, 1952; graduate work, Ohio State University,
 1928 and 1929.

1945-

JAMES HARVEY MCCLOY.....*Professor of Physics and Astronomy*
 B.S., Purdue University, 1913; M.S., Ohio State University, 1923.

1913-

ROYAL FREDERICK MARTIN.....*Professor of Physical Education*
 B.P.E., Springfield College, 1911; B.A., Otterbein College, 1914; M.Ed.,
 Springfield College, 1935; LL.D., Otterbein College, 1951; graduate work:
 Columbia University, summer session; The Ohio State University, part-
 time for two years and one summer session.

1913-1917; 1919-

FRED ARTHUR HANAWALT.....*Professor of Biology and Geology*
 B.Sc., Otterbein College, 1913; M.Sc., The Ohio State University, 1921;
 graduate work: The Ohio State University, (part-time) 1932-1933 and
 summer session, 1939; University of Minnesota, summer, 1951.

1920-

- GILBERT EMORY MILLS.....*Professor of Foreign Languages*
 B.A., Otterbein College, 1920; M.A., Ohio State University, 1928; graduate work: University of Poitiers, France, 1921; University of Paris, 1922; Ohio State University, summers of 1937, 1938 and 1939, year of 1940-1941, and second semester 1948.
 1920-
- JESSE SAMUEL ENGLE.....*Professor of Bible*
 B.A., Otterbein College, 1914; B.D., Bonebrake Theological Seminary, 1917; M.A., University of Chicago, 1922; L.H.D., Otterbein College, 1951; graduate work: University of Chicago, 1923-1924; Biblical Seminary of New York, summer session, 1930.
 1923-
- FRANCES HARRIS.....*Associate Professor of Music (Piano)*
 B.Mus., Otterbein College, 1926; B.A., Otterbein College, 1927; studied piano under Frank Murphy, Columbus, Ohio, 1927 to 1931, and under Leo Podolsky, Chicago, Ill., 1935 to 1941, and 1945; studied: theory at University of Wisconsin, 1935; organ under Edwin Arthur Kraft, Cleveland, Ohio, summer of 1939; piano under Austin Conradi and interpretation under Ernest Hutcheson, summer of 1942; Peabody Conservatory, summer of 1950.
 1926-
- ALBERT JAMES ESSELSTYN.....*Professor of Chemistry*
 B.S., Alma College, 1915; M.S., Cornell University, 1926; graduate work: Ohio State University, summers of 1929, 1931, 1938, and part time 1932-1933, 1936-1937, 1937-1938, 1938-1939.
 1928-
- HARRY WALTER EWING.....
*Professor of Physical Education, Athletic Director and Head Coach*
 LL.B., University of Nebraska, 1910; attended: Rockne Coaching School, Notre Dame University, summer of 1923; University of Illinois Coaching School, summer of 1928; Rockne-Meanwell Coaching School, Wittenberg College, summer of 1929; Rockne-Forest Allen Coaching School, Wittenberg College, summer of 1930; Wallace Wade-Adolph Rupp Coaching School, Centre College, summer of 1931; and Gus Dorais-Claire Bee Coaching School, Detroit, summer of 1942.
 1934-
- LUCIUS LEE SHACKSON.....*Professor of Music (Music Education and Voice)*
 B.S., in Ed., Ohio State University, 1933; M.A., Ohio State University, 1938; graduate work; Ohio State University, summers of 1946, 1947, 1950; Violist with Columbus Philharmonic Orchestra, 1945-1946 season.
 1936-

- PAUL BUNYAN ANDERSON.....*Professor of English*
 B.A., University of Minnesota, 1925; M.A., Harvard University, 1927;
 Ph.D., Harvard University, 1931. Graduate work: University of Minne-
 sota, summer of 1937; The Ohio State University, Summer 1951 and
 year 1951-1952; research at British Museum, London, and Bodleian Library,
 Oxford, summer of 1935; research at Henry E. Huntington Library, San
 Marino, California, summer of 1939; Representative in the National
 Conference on Higher Education, 1946-1951.
 1937-
- LYLE JORDAN MICHAEL.....*Professor of Chemistry*
 B.S., Otterbein College, 1919; M.S., Ohio State University, 1920; Ph.D.,
 Ohio State University, 1929. Graduate work: University of Notre Dame,
 summer of 1934; University of Minnesota, summer of 1937; Ohio State
 University, summer of 1941.
 1937-
- CHARLES WESLEY BOTTS.....*Associate Professor of Biology*
 B.S., Otterbein College, 1934; M.S., The Ohio State University, 1939;
 graduate study: The Ohio State University, summer of 1946 and year
 1950-1951.
 1940-1946; 1947-
- MRS. LILLIAN SPELMAN FRANK.....*Associate Professor of Fine Arts*
 B.A., Oberlin College, 1929; M.A., Oberlin College, 1942; graduate work:
 Ohio State University, 1945, 1946, 1947; studied sculpture under Georg
 Ehrlich, Columbus, 1949; Columbus Art School, 1950, 1951, 1952.
 1943-
- HAROLD BELL HANCOCK.....*Assistant Professor of History and Government*
 B.A., Wesleyan (Connecticut) University, 1936; M.A., Harvard University,
 1938; graduate study: Harvard University, 1938-1939; The Ohio State
 University, 1944-1945, 1949-1950, 1950-1951, 1951-1952 and summers,
 1949, 1950, 1951, 1952.
 1944-
- JOHN NEELY BOYER.....*Professor of Sociology*
 B.A., Otterbein College, 1927; B.D., Bonebrake Theological Seminary,
 1930; M.A., University of Pittsburgh, 1933; graduate work: Union
 Theological Seminary, summer of 1944; Ohio State University, 1944-1946;
 Ph.D., University of Pittsburgh, 1947.
 1945-
- ROBERT PRICE.....*Professor of English*
 B.Ph., Denison University, 1928; M.A., Ohio State University, 1930;
 Ph.D., Ohio State University, 1943; on leave as Library of Congress
 Fellow for Studies in American Civilization, 1945-1946.
 1945-

- HAROLD LORIN MCMILLAN.....*Professor of Education*
 B.S. in Ed., Ohio State University, 1925; M.A., Ohio State University,
 1926; graduate study, Ohio State University, 1926-1928, 1946, 1947.
 1946-
- PAUL LESLIE FRANK.....*Associate Professor of Music (Theory and Piano)*
 Diploma, Vienna Conservatory of Music, 1927; Doctor of Law, University
 of Vienna, 1928; M.A., University of Chicago, 1946; Ph.D., University
 of Chicago, 1950. Studied: composition with Joseph Marx, conducting with
 Clemens Krauss and Robert Heger, piano with Helen Lampl (Vienna),
 Erwin Bodky (Boston), and Margit Varro (Chicago).
 1946-
- WALTER R. BAILEY.....*Assistant Professor of Mathematics*
 B.S., Otterbein College, 1911; graduate work, Ohio State University, 1922-
 1923, 1931.
 1946-
- E. LAVELLE ROSSELOT.....*Assistant Professor of Foreign Languages*
 B.A., Otterbein College, 1933; M.A., The Ohio State University, 1934;
 graduate study: The Ohio State University, 1936, 1940-41; Middlebury
 School of French, summer 1937; Academie Delecluse, Paris, France, 1938;
 Université Laval, Quebec, Canada, summers 1949, 1950, 1951, 1952.
 (On sabbatical leave of absence 1952-1953 for graduate work at Université
 Laval, Quebec, Canada.)
 1946-
- LENA MAY WILSON*Assistant Professor of Foreign Languages*
 B.A., Wooster College, 1916; M.A., Ohio State University, 1932; Univer-
 sity of Wichita, 1932-1933; Université Laval, Quebec, Canada, summer
 1949; New York University, Chautauqua, New York, summer 1950.
 1946-
- JOHN ARTHUR CLIPPINGER.....*Associate Professor of Psychology*
 B.A., Otterbein College, 1941; B.D., Bonebrake Theological Seminary,
 1944; M.A., Yale University, 1947; Ph.D., Yale University, 1950. (On
 leave of absence 1951-1953 for graduate work at Harvard University.)
 1947-
- KEITH DEMPSTER CRANE.....*Assistant Professor of Chemistry*
 B.S., Michigan State College, 1930; M.S., Michigan State College, 1936;
 graduate work: Washington University, 1932; University of Tennessee,
 summer of 1946; The Ohio State University, 1950.
 1947-
- ROBERT WILLIAM HOHN.....*Assistant Professor of Music (Voice)*
 B.A., Otterbein College, 1938; B.Mus., B.Mus.Ed., Otterbein College, 1939;
 graduate work, Northwestern University, 1941; M.Mus., Cincinnati Con-
 servatory, 1947; graduate work at Juilliard School of Music, 1950. Studied
 voice with Robert Korst, Bruce Foote, John Hoffman, Bianca Saroya,
 Charles Panzera; conducting with George Howerton, Hubert Kockritz,
 Robert Hofstader; opera with Hubert Kockritz, Bianca Saroya, Fritz Mahler.
 1947-

- MRS. MARGUERITE ELAINE NELSON.....*Assistant Professor of English*
B.A., Hiram College, 1916; graduate work; Leland-Stanford University,
1918; University of Chicago, 1923; M.S., University of Indiana, 1939.
1947-
- RICHARD CHARLES WEST.....*Assistant Professor of Physical Education*
B.S. in Physical Education, Springfield College, 1946; M.A., The Ohio
State University, 1950; graduate work: The Ohio State University,
summers 1951, 1952.
1947-
- MRS. ESTHER JEANETTE HOHN.....*Instructor in Music (Piano)*
B.Mus. and B.Mus.Ed., Otterbein College, 1939; Studied Northwestern Uni-
versity, 1941 and Cincinnati Conservatory of Music, 1947.
1947-48; 1949-
- MRS. NELL HOLTMAN PAGEAN.....*Associate Professor of Elementary Education*
B.S. in Education, University of Kansas, 1926; graduate study, University of
Kansas, 1928; M.A., University of Iowa, 1932; graduate study Creighton
University, summer 1934, and University of Missouri, 1937; Ph.D., The
Ohio State University, 1944.
1948-
- LAWRENCE STROUP FRANK....*Assistant Professor of Music (Organ and Piano)*
B.A. and Mus.B., Oberlin College, 1931; Fellow of the American Guild of
Organists, 1933; Mus.M., Eastman School of Music, 1934; attended: West-
minster Choir College, summer 1939; University of Cincinnati, summer
1943; Northwestern University, summer 1945; studied with T. W. Surette,
Concord, Massachusetts, Summer School, 1935; private study with Weinrich,
Marriott, Gleason, Van Dusen and Dupre; Student, Organ Institute, And-
over, Mass., 1949; School of Campanology, Princeton, N.J., 1949; studied
with George Faxon, Boston, 1950.
1948-
- JAMES KENDALL RAY.....*Assistant Professor of English*
B.A., Ohio University, 1927; M.A., University of Michigan, 1933;
residence requirement completed for the Ph.D. degree at the University of
Michigan.
1948-
- JOANNE FRANCES VANSANT.....*Assistant Professor of Physical Education*
B.A., Denison University, 1946; M.A., The Ohio State University, 1952.
1948-
- CHARLES GORDON WOODWARD.....
.....*Assistant Professor of Natural Science and Biology*
B.S., Davidson College, 1936; M.S., Massachusetts State University, 1939;
attended: Kansas State College, 1936-1937; Louisville Presbyterian
Seminary, 1939-1940; Peabody College, summer 1940, and The Ohio
State University, 1949-1950.
1948-
- FREDERIC RICHARD BAMFORTH.....*Professor of Mathematics*
B.A., Queen's University, 1921; M.A., Queen's University, 1922; Ph.D.,
The University of Chicago, 1927; National Research Fellow, Harvard Uni-
versity, 1928-1929.
1950-
- JAMES ADAMS GRISSINGER.....*Assistant Professor of Speech*
B.A., The Ohio State University, 1947; M.A., The Ohio State University,
1949; additional study at: The University of Minnesota, 1943; Yale Uni-
versity, 1944; The Ohio State University, summer, 1949.
1950-

- MARION CLEMENT CHASE.....*Instructor in Speech*
B.A., Otterbein College, 1947; M.A., The Ohio State University, 1951,
graduate work: Northwestern University, 1949-1950; The Ohio State
University, 1950-1951.
1950-
- JEAN ALBERTA GEIS.....*Instructor in Physical Education*
B.A., Denison University, 1950; graduate study: The Ohio State University,
1951, 1952.
1950-
- MRS. MABEL COMBS JOYCE.....*Instructor in Home Economics*
B.S., The Ohio State University, 1930; M.A., The Ohio State University,
1936.
1950-
- HELEN FERDILLA METTLER.....*Assistant Professor of Home Economics*
B.S. in Home Economics, The Ohio State University, 1930; M.A., The
Ohio State University, 1938; graduate work: The Ohio State University,
summers, 1945, 1950.
1951-
- MRS. NEVADA ATKINSON BOONE.....*Instructor in Elementary Education*
Graduate Decatur Junior College, 1923; B.S. in Education, The Ohio
State University, 1950; attended Colorado University, summers 1925,
1926, years 1926-1927 and 1929-1930.
1951-
- FRED E. BROBST.....*Instructor in Music (Woodwind)*
B.Sch.Mus., Capital University, 1931; B.Mus., Capital University, 1934;
attended: The Ohio State University, summers and spring 1935, 1936, 1937;
The American Conservatory of Music (Chicago), summers 1929, 1930,
1931.
1951-
- MRS. MARJORIE FOREMAN CROSSLEY.....
.....*Instructor in Economics and Business Administration*
B.S. in Business Administration, The Ohio State University, 1948; B.S. in
Education, The Ohio State University, 1951; graduate work: The Ohio
State University College of Education, 1951-1952, 1952-1953.
1951-
- MRS. JOY GUSTIN HASSENPFUG.....*Instructor in Fine Arts*
B.A., Otterbein College, 1949; attended Columbus Art School, 1950-1951.
1951-
- GEORGE NELSON HOGUE.....*Instructor in Economics and Business Administration*
B.A., Otterbein College, 1947; graduate work: The Ohio State University,
1947-1948 and summers, 1951, 1952.
1951-
- RAY LEE SEELENBINDER.....*Instructor in Music (Woodwinds)*
B.M., The Ohio State University, 1950; B.S. in Education, The Ohio
State University, 1950; Studied with Ralph McLean and Joseph Gigliotti,
1945-47 and 1950-51; Member Columbus Philharmonic Orchestra,
1944-45.
1951-
- SAMUEL ISAAC THACKREY.....*Instructor in English*
B.S., Kansas State College, 1925.
1951-

- MRS. CLEORA CHRISTOPHER FULLER.....
Departmental Assistant in Elementary Education
 Attended: Otterbein College, 1921-1922, 1925-1926; Harvard University,
 summer 1931; Kent State University, summer 1948.
 1951-
- RALSTON DAVIS SCOTT.....*Professor of Economics and Business Administration*
 B.A., University of Pennsylvania, 1937; M.A., University of Pennsylvania,
 1938; Ph.D., Graduate School of Business Administration, New York
 University, 1951.
 1952-
- PAUL C. KIEFER, Lt. Col.....*Professor of Air Science and Tactics*
 B.S., Ohio University, 1929; M.A., The Ohio State University, 1937.
 1952-
- DAVID DONALD BURKS.....*Assistant Professor of History and Government*
 B.A., Earlham College, 1945; Ph.D., University of Chicago, 1952.
 1952-
- MRS. LUCILE WOLFE GREEN.....*Assistant Professor of Philosophy*
 B.A., Pomona College, California, 1937; M.A., Claremont College,
 California, 1939; Graduate work, The Ohio State University, 1952-1953.
 1952-
- FLOYD ERNST HARSHMAN.....*Assistant Professor of Education*
 B.A., Ohio Wesleyan University, 1914; M.A., Columbia University, 1926;
 Ph.D., New York University, 1931.
 1952-
- CAROLINE ALICE BRENTLINGER.....*Instructor in Foreign Languages*
 B.A., Otterbein College, 1951; B.S. in Ed., Otterbein College, 1951; M.A.,
 University of Wisconsin, 1952; Attended Université Laval, Quebec,
 Canada, summer, 1951.
 1952-
- HOWARD KENNETH CHAMBERS.....*Instructor in Air Science and Tactics*
 Attended Pace Institute of Accounting, New York, 1946-1948.
 1952-
- MRS. ELIZABETH STOLTZ JOHNSTON.....*Instructor in Music (Violin)*
 B.S. in Ed., The Ohio State University, 1937; M.A., The Ohio State
 University, 1939; Studied: Cincinnati Conservatory of Music, 1928;
 American Conservatory of Music, Chicago, 1930.
 1952-
- ORA KENNETH PROBASCO.....*Instructor in Biology and Geology*
 B.S., Ohio Northern University, 1904; B.L., Ohio Northern University,
 1905; M.S., Ohio Northern University, 1908; B.S., Antioch College, 1911;
 Attended, Columbia University, summers, 1916, 1917.
 1952-

JOHN FRANKLIN WELLS.....*Instructor in Psychology and in Religion*
 B.A., Otterbein College, 1948; M.A., Bowling Green State University,
 1949; B.D., Bonebrake Theological Seminary, 1952.
 1952-

MRS. EDNA ANDRESON WEST.....*Instructor in Physical Education*
 B.S. in Physical Education, University of Illinois, 1940; Attended: The
 Ohio State University, summer, 1951 and years, 1951-1952 and 1952-
 1953.
 1952-

ROBERT ANTHONY WESTRICH.....*Instructor in Music (Brass and Music Ed.)*
 B. Mus., Cincinnati Conservatory of Music, 1949; M.Mus., Cincinnati
 Conservatory of Music, 1950; Attended University of Cincinnati, 1947-
 1948; Member: Dayton, Ohio Philharmonic Orchestra, 1947-1948; Cin-
 cinnati Symphony Orchestra, 1948, 1949, 1950.
 1952-

Endowed Chairs of the College:

Dresbach Chair of Mathematics

Flickinger Chair of Latin Language and Literature

Hively Chair of German Language and Literature

Hulitt Chair of Philosophy

Merchant Chair of Physics and Astronomy

Myers Chair of Bible

GENERAL INFORMATION

Historical Statement

Otterbein College is sponsored by The Evangelical United Brethren Church.

Authorized first in 1845 by the General Conference of the United Brethren in Christ and opened in 1847, the college operated during its first hundred years under the auspices of the fostering denomination. It passed under the greater jurisdiction of The Evangelical United Brethren Church on November 16, 1946, upon the occasion of the historic union, in Johnstown, Pennsylvania, of The Church of the United Brethren in Christ and The Evangelical Church. These two groups, founded in 1800 and 1803 respectively, had been much alike in their history, doctrine, and policy, and had long considered a union. The first negotiations for such a step had been made, in fact, in 1813, thirty-four years before the founding of Otterbein college.

The college takes its name from Philip William Otterbein, a missionary from Germany, who arrived in America in 1752 to minister to the German-speaking people of eastern Pennsylvania and Maryland. After several pastorates he served a congregation in Baltimore, Maryland, for forty years. During this time he exerted a wide influence in that section of the country through his preaching and leadership. Gradually there gathered about him a group of like-minded men who became the nucleus of a spiritual movement which grew into the United Brethren denomination. Independence of thought, combined with simple sincerity and a zeal for personal Christian living, caused these men to depart from existing church traditions which they felt had become mere formalities. In the new church which they formed, there was no startling new creed or particular symbol of religious conviction. The emphasis was upon fundamental Christian virtues in day-by-day living.

Jacob Albright, founder of The Evangelical Church, labored during Otterbein's lifetime. The two men had much in common in their religious experiences and convictions, and lived not far apart geographically. But there is no record that the two ever met personally despite the fact that their colleagues and followers became well acquainted.

Otterbein College began its career in the same spirit of independent pioneering that characterized the establishment of both The Church of the United Brethren in Christ and The Evangelical Church. The college was co-educational from the beginning. It was, in fact, the second institution of higher learning in the world to open its doors on equal terms to women, Oberlin having been the first. Similarly it offered unqualified equal opportunity to all races and creeds. Significantly, during the decade just prior to the Civil War, the college students and faculty were active in the cause of Negro liberation. It was while Benjamin R. Hanby was a student in Otterbein that he wrote "Darling Nellie Gray," which has been called the "Uncle Tom's Cabin" of American song.

The influence of this religious idealism has continued to the present, and the College seeks continually to inspire an appropriate reverence for good character in all its students as both leaders and followers in religious activity. Significant of this emphasis is the fact that the first State Young Women's Christian Association secretary in America was an Otterbein graduate. Its Y.M.C.A. and its Y.W.C.A. were the first college Associations in the State of Ohio, and its building for Association purposes was the first of the kind in the United States.

Though the institution retains many of its original traditions, it has grown in material resources and in the scope of its educational objectives. The land and buildings were originally valued at thirteen hundred dollars and there was no endowment; today the total valuation, including endowment, is over three million dollars. The original faculty consisted of two teachers; today there are seventy-five on the instructional and administrative staff.

The College has developed an educational program which takes into account the individual needs of each student. Its objective is to cultivate the whole personality of each student and to foster in its men and women broad-minded attitudes necessary for success in any enterprise. However, provision is also made for training in many of the more specialized activities of a vocational nature, such as business and public service. Professional training for teachers is emphasized and many graduates have achieved outstanding success in the educational field. The curriculum also provides for students who wish to prepare for subsequent graduate and professional study.

Location

Otterbein College is located at Westerville, Ohio, a modern community of four thousand population, situated twelve miles north of downtown Columbus on the Three C's Highway. The well-known transcontinental National Road, or National Route 40, runs through Columbus. Convenient connection with Columbus is provided by Greyhound bus, which operates from the Union Bus Station in Columbus.

Nine churches of eight denominations are located in the village of Westerville.

Buildings

Otterbein's campus occupies about forty acres on the west side of Westerville. The buildings are located on the main campus which includes about twelve acres. The athletic fields and the Student Union lie just to the north of the main campus.

The college buildings are as follows:

THE ADMINISTRATION BUILDING—Administrative offices, old chapel, classrooms, and student publication offices.

MCFADDEN SCIENCE HALL—Departments of biology, chemistry and physics.

LAMBERT FINE ARTS BUILDING—Music, Art and Home Economics Departments.

ALUMNI GYMNASIUM—Men's Physical Education Department and Men's Gymnasium, R.O.T.C. office, and classrooms for some other departments.

ASSOCIATION BUILDING—Young Men's and Young Women's Christian Association Headquarters, Women's Physical Education Department and Women's Gymnasium; social rooms.

THE CARNEGIE LIBRARY.

THE HOME MANAGEMENT HOUSE—Fully equipped for the training of women majoring in home economics.

STUDENT UNION—A commodious structure on the north campus for social and recreational purposes.

OTTERBEIN MEMORIAL STADIUM.

COCHRAN, KING, and SAUM HALLS; CLIPPINGER and GARST COTTAGES—Residence halls and residences for women.

COWAN MEMORIAL HALL—For daily chapel programs, musical and dramatic events and other gatherings. Radio station and speech classrooms.

BARLOW DINING HALL.

VETERANS' VILLAGE—Trailer Units for married couples.

VETERANS' DORMITORIES—Three units.

OTTERBEIN HEALTH CENTER—Clinic, dispensary and infirmary.

THE PRESIDENT'S HOME.

CENTRAL HEATING PLANT.

Facing the campus are the First Evangelical United Brethren Church and the Hanby Historical House, in which Benjamin Hanby lived when as a student at Otterbein he wrote "Darling Nellie Gray." This house is maintained by the Ohio Historical Society. The Second Evangelical United Brethren Church is not far from the main campus.

Housing

All women students whose homes are not in Westerville or vicinity are required to live and dine in the residence halls unless granted special exemption. A twenty-five dollar (\$25.00) payment is required by July 15 from all upper-class women in order to hold a room in a college residence hall or residence.

This payment is an evidence of good faith on the part of the student that she expects to use the room reserved for her. When she registers, this fee is credited to the first semester account. If she fails to enroll, the fee is not refunded unless she can show that conditions beyond her control make it impossible for her to enroll.

Women students living in the residence halls supply their own curtains,

dresser and table covers, towels and bed linen. Towels and bed linens may be supplied by a linen company at the rate of \$12.50 per semester. All electrical appliances used in student rooms must be approved. A nominal charge is made for their use.

To all men whose homes are not in Westerville or who do not room on the campus, the Vice President's office makes available a list of approved private homes in close proximity to the college where residence may be secured at rates ranging from \$2.00-\$5.00 per week. The fraternity houses provide accommodations for some of their members.

Health Service

Otterbein College has a superior health program for its students. The Health Service is under the supervision of the college physician who has the responsibility of caring for the health of the student body and of guiding the health program of the entire college. The director of the health service is a regular practicing physician who gives an adequate amount of his time to the health program. He is assisted by the Head Nurse and other registered nurses who are available at all times for the care of the students. In case of illness requiring admission to the infirmary, the parents are kept informed of the condition of the student. These services are made available through the payment of the health fee required of all students.

Each student is entitled to three days of infirmary service and a reasonable number of dispensary calls each semester. If additional infirmary service is needed, the student is charged according to a schedule arranged by the administration. If the student requires unusual dispensary service, it is assumed that he needs a type of service not provided for in the usual college program and the college physician consults with him about the proper steps to take for adequate treatment. When X-rays or expensive medicines are required the costs are borne by the student.

Physical education is required of all college students in the freshman and sophomore years. Each student is given a physical examination before enrollment in these courses and, in cases where the regular work of the courses would be inadvisable, special work suited to the individual is provided.

Organizations

The following organizations contribute to the development of students in their chosen fields and to the broadening of their perspective:

A CAPPELLA CHOIR.

ALPHA EPSILON DELTA, National Honorary Pre-Medical Fraternity.

ALPHA RHO TAU ART CLUB.

ASSOCIATION FOR CHILDHOOD EDUCATION.

BRASS CHOIR.

CAP AND DAGGER CLUB, a dramatic organization.

- COLLEGE BAND, marching and concert.
- CHURCH CHOIR.
- COMMUNITY-COLLEGE ORCHESTRA, and smaller ensembles.
- COUNCIL OF CHRISTIAN ASSOCIATIONS, coordinates all campus religious activities.
- THE EDUCATION ASSOCIATION OF OTTERBEIN COLLEGE, for students and faculty members in the department of education.
- HOME ECONOMICS CLUB.
- INTERNATIONAL RELATIONS CLUB.
- LIFE WORK RECRUITS, composed of students preparing for full-time Christian service.
- McFADDEN SCIENCE CLUB.
- MEN'S GLEE CLUB.
- PHI ALPHA THETA, national honorary history fraternity.
- PHI SIGMA IOTA, national honorary romance language and literature society.
- PI KAPPA DELTA, honorary forensic fraternity.
- QUIZ AND QUILL CLUB, made up of students interested in creative writing.
- SIGMA ZETA, national honorary scientific fraternity.
- STUDENT CHAPTER OF MUSIC EDUCATORS NATIONAL CONFERENCE.
- THETA ALPHA PHI, National Honorary Dramatics Fraternity.
- STUDENT FORUM, which meets on Sunday morning to discuss religious questions.
- TORCH AND KEY, honorary scholarship society.
- VARSIITY "O" ASSOCIATION, composed of men proficient in athletic sports.
- WOMEN'S GLEE CLUB.
- WOMEN'S ATHLETIC ASSOCIATION, local affiliate of the Athletic Conference of American College Women.
- YOUNG MEN'S CHRISTIAN ASSOCIATION.
- YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
- YOUTH FELLOWSHIP, Sunday evening program sponsored by the College Churches.

Fraternities and Sororities

In addition to the organizations listed above there are six local social fraternities and six sororities. The fraternities maintain houses in the village and have house mothers and faculty sponsors who are approved by the College. Each sorority has a club room in Cochran Hall, and faculty sponsors approved by the College.

Intercollegiate Student Activities

ATHLETICS. Otterbein College is a member of the Ohio Athletic Conference and participates with many other colleges of Ohio in such men's sports as football, basketball, tennis, baseball, track, and golf. A limited intercollegiate program for women is offered featuring sports days in hockey, tennis, basketball, volleyball, bowling, softball, and archery.

FORENSICS. Otterbein is a member of the Ohio Association of College Teachers of Speech and of Pi Kappa Delta, national forensic honorary society. Each year the college is represented in debate tournaments, Prince of Peace Oratory, dramatic reading, and extemporaneous speaking contests sponsored by these organizations. There is, in addition, extensive participation in intercollegiate debate with other Midwest colleges. Those interested in forensics also participate in programs arranged for outside groups by the College Speakers Bureau.

Intramural Activities

Regular schedules of intramural athletic contests are carried out on the campus each year. They are participated in by both men and women. These include football, baseball, basketball, track, horsehoes, volleyball, archery, hockey.

Religious Activities

A short period is set aside four days each week for worship, meditation and consideration of subjects pertaining to the religious and cultural life of students and faculty. These Chapel programs are considered a vital part of each person's college life. Attendance is required. Sunday worship in the church of his preference is expected of each student.

In the interest of greater effectiveness in promoting the religious life of the College, a Council of Christian Associations has been organized. It annually raises a fund to cover such activities as the securing of prominent speakers, all-campus parties, an annual Religion and Life Week and the support of student Christian work overseas.

Publications and Radio

The Tan and Cardinal is the college paper. It is published by a staff of students and appears each week during the college year.

The Sibyl is the college annual. It is published by the Junior Class under the authority of the Student Publications Board.

The Quiz and Quill is a magazine published by the Quiz and Quill Club and contains the best creative writing of the college students during the year.

The Association Handbook, published yearly by a joint committee of the Y.M.C.A. and Y.W.C.A., is a neat pocket manual containing valuable information for new students.

The College Belle is published by the Women's Student Government Board to help orient new women students.

The Otterbein College Bulletin is issued quarterly by the College.

The Otterbein Towers, published by the Alumni Council in the interest of alumni and friends, is a quarterly publication.

Station WOBC, the campus radio station, is operated by students under the supervision of the Department of Speech. The radio and television stations of Columbus and vicinity present many Otterbein College programs.

Student Government

The College cultivates an attitude of individual responsibility in its students for the social well-being of the campus community. The Student Council which consists of representatives of the four classes, plus one representative each from the W.S.G.A., Inter-Fraternity and Panhellenic Councils, and the C.C.A., is intended to facilitate the understanding of these responsibilities and to provide a means for making student opinion known. The Student-Faculty Relationships Committee consists of five members of the Student Council and five members of the faculty and is a cooperative body which deals with campus problems.

Working under a Student Government Constitution, approved by the Board of Trustees, a great degree of cooperation exists between the administration and the students. The students are granted responsibilities in the fields of administration and legislation, and receive privileges in return. Thus a solid democratic foundation has been formed upon which can be built a true and enduring spirit of loyalty and cooperation. The activities of the Student Government are so diversified that each student can find one area that will interest him or her, and at the same time be afforded an opportunity to become acquainted with and analytical of the problems facing citizens in a self-governing and democratic society.

All women students on the campus are members of the Women's Student Government Association. The W.S.G.A. Board consists of officers elected by the Woman's Student Body, representatives of the Women's Living Centers and Upper Class Counselors. Each residence hall is governed by student-elected officers, the head resident acting in the capacity of a counselor. Frequent house meetings are held so that all phases of group living may be considered and adapted to the needs and interests of the group in residence. The W.S.G.A. plans through dormitory life to furnish an opportunity for the growth of individual responsibility and for the development of social consciousness and consideration for the welfare of others.

Air Force R.O.T.C. Program

In 1952 there was established at Otterbein College an extension of the Air Force Reserve Officer Training Corps on the campus of Ohio Wesleyan University for the purpose of training selected students in certain functions normally performed by reserve officers in the Air Force.

Students who successfully complete all requirements are commissioned as second lieutenants in the United States Air Force Reserve upon graduation from the College.

Students between ages of fourteen and twenty-two years, physically qualified, and accepted by the Professor of Air Science and Tactics (PAST), are eligible for the basic course.

Mere enrollment in AFROTC does not involve an obligation for active military service, nor does such enrollment automatically give the student draft deferment status.

During the first semester of the freshman year draft deferment is granted to all AFROTC cadets who are accepted by the PAST and who agree (a) to enroll in and complete the advanced course, if accepted therefor; (b) to attend one summer camp of six weeks duration, normally between the first year advanced and the second year advanced course; (c) upon completion of the course, to accept a commission, if tendered; and (d) to serve on active duty for a period of not less than two years after receipt of the commission. When such an agreement has been executed, the Student's Draft Board will be so informed, and the student will be deferred during his college career as long as his college work is satisfactory.

The Air Force blue uniform is loaned without cost to the student and is worn during the drill periods and at such other times as may be specified by the PAST. The student is responsible for the proper care of the uniform. Text books and other instructional material are supplied without cost by the College or the Air Force.

Advanced course students are paid at the rate of approximately \$27.00 per month during the academic year. Pay during summer camp is at the rate of \$75.00 per month plus travel allowances, food, quarters, uniforms, medical care, etc.

For data pertaining to credits and course content see page 115. Additional information may be obtained by contacting the Professor of Air Science and Tactics.

General Regulations

The Administration has few regulations governing student conduct. It depends rather upon students observing cheerfully the social proprieties. Students at Otterbein are expected at all times to maintain a high standard of

personal integrity and honesty and to show respect for order, morality and the rights of others. There are, however, well-recognized restrictions concerning certain practices.

1. Otterbein College reserves the right to dismiss any student for any reason or reasons it deems sufficient after having given him opportunity for a hearing before the properly constituted authority.
2. The possession or use of alcoholic beverages is forbidden.
3. A strong tradition against the use of tobacco on the campus and streets facing the campus is maintained by student opinion.
4. No self-perpetuating society or organization may be formed without permission from the Faculty.
5. A student who is a member of any college organization representing Otterbein in intercollegiate or special extra-curricular relations shall not participate in such activities unless a satisfactory standard of scholarship is maintained and the student complies with all other college regulations. A student in an individual capacity representing the College shall conform to the same standards.
6. Five unexcused absences from daily chapel shall be the maximum permitted for a semester. Any student who has more than five unexcused absences shall be suspended by the Vice President for a period of six consecutive days of classes. Except in extraordinary cases, all absences must be taken as cuts to be counted against the maximum allowed.
7. One hour's credit is deducted from any course in which a student is absent without excuse from the Vice President from the last class meeting before any officially approved vacation or holiday, or from the first meeting of the class after any such vacation. This regulation supersedes, where there is any conflict, all other regulations regarding absences.

Expenses

The College seeks to provide for its students a complete campus experience without permitting the cost to become excessive. Tuition and fees paid by students of Otterbein College cover approximately sixty per cent of the instructional and operating expenses. The balance of the expense of a student's education is borne by the College through the income from endowment and by gifts and contributions from the churches of the denomination, trustees, alumni and friends. With reference to extra-curricular expenses, the College reminds the students that tendencies to assess high fees or to include too many luxurious items in the social program will interfere with the traditions of the institution. The College maintains democratic opportunities and attitudes under conditions that will not exclude any person because of his economic circumstances.

Semester Expenses

(Subject to change)

MATRICULATION FEE	\$	1.00
INCIDENTAL FEE—Health, Library, Student Union, Athletics,		
Tan and Cardinal, Sibyl	First Semester	29.50
	Second Semester	24.50

TUITION—From 12 to 17 hours	215.00	
From 1 to 11 hours, per hour	19.00	
Over 17 hours, per hour	14.00	
BOARD	170.00	
*ROOMS—Women's Dormitories and Cottages	70.00	
Men's Barracks	45.00	
LABORATORY FEES:		
Biology		
101-102, 103-104, 221-222, 301, 302, 305, 306, 321-322	5.00	
108, 316	2.00	
201-202, 304	10.00	
Business Administration		
203, 204	1.00	
Business Education		
105, 106	1.00	
99, 100, 205, 206	4.00	
208	6.00	
Chemistry		
101-102, 103-104, 205, 206, 209-210, 303, 304, 309-310 (Deposit \$5 for the course—fee \$7.50 a semester)	12.50	
201-202, 301-302 (Deposit \$10 for the course—fee \$10.00 a semester)	20.00	
Education		
101, 102	1.00	
257, 258, 259—\$2.00 a semester hour		
431, 432—\$5.00 a semester hour		
351, 352—\$1.00 a semester hour		
461, 462	30.00	
Fine Arts		
401-402	1.50	
All other courses in Art—\$2.75 a semester hour		
French		
101, 102, 201, 202, 301, 302, 309, 310	1.00	
Geology and Geography—All Courses		2.00
German		
101, 102	1.00	
Greek		
101, 102, 201, 202	1.00	

* Any student refusing to accept a roommate will be charged a double dormitory rate.

Home Economics	
215	2.00
101, 102, 202, 304, 305	2.50
211, 212, 302, 312	7.50
Humanities	
201-202	2.00
†Music	
202	2.00
301, 302	3.00
Natural Science	
101-102	5.00
Physical Education	
101, 102, 101A, 102A, 201, 202, 201A, 202A, 325	3.00
309, 310, 311-312, 313	1.00
Physics	
All courses, except 313	2.50
Psychology	
201, 202	1.50
Spanish	
101, 102, 201, 202, 301, 302	1.00
Speech	
105, 106, 107, 108, 201, 202, 203, 204, 301, 302, 309, 310, 311, 312, 320	1.00
304, 305, 306, 307, 308	2.00
314	3.00
GRADUATION FEE	10.00
FRESHMAN WEEK	6.00
CHANGE OF SCHEDULE .....	.50
SPECIAL EXAMINATION	1.00
TRANSCRIPT FEES: Student in school .....	.50
Former students and graduates	1.00
LATE REGISTRATION PENALTY (per school day)	1.00

State sales tax is required on certain laboratory fees.

Regularly registered students are entitled to audit courses with the consent of the instructor. A student not registered in other courses is required to pay the matriculation fee and a tuition fee of four dollars per semester hour.

† See page 114 for Music tuition fees.

Summary of Yearly Expenses

(Subject to change)

	Low	High
Matriculation and Incidental Fees	\$ 56.00	\$ 56.00
Tuition—12 to 17 hours	430.00	430.00
Laboratory fees		40.00
Board	340.00	340.00
Room—Women (Dormitories and Cottages)	140.00	140.00
Room—Men (Private Homes & Housing Units)	90.00	144.00
	<hr/>	<hr/>
Total—Women	966.00	1,006.00
Total—Men	916.00	1,010.00

The foregoing estimates include only necessary college expenses. No allowance is made for books, clothing, travel, and personal expenditures.

Rules Governing Payment of College Fees

- (1) Each semester bill is rendered in advance.
- (2) Students are expected to pay all College bills on or before the second day of each semester. There are three payment plans which the student may follow:
 - a. Entire bill at Registration
 - b. One half at Registration
One half at Mid-semester
 - c. Five monthly payments:

<i>First Semester</i>	<i>Second Semester</i>
1 — Registration	Registration
2 — October 1	March 1
3 — November 1	April 1
4 — December 1	May 1
5 — January 1	June 1

The rules of the Board of Trustees require that no student shall be admitted to classes until the above fees are paid or until satisfactory arrangements are made with the Treasurer.

- (3) Failure to complete arrangement for the payment of fees carries with it suspension from all class work and a fine of one dollar per school day until such arrangement is completed.
- (4) The following rules regarding refunds are in force:

A. WITHDRAWALS FROM COLLEGE

- a. All withdrawals must be made through the office of the Vice President of the College.
- b. REFUNDS—Cash refunds to students who carry a full schedule and who have paid the regular tuition at the time of registration are made only as follows and upon written application

to the Vice President on the basis of the date of withdrawal from class:

Withdrawal Within	Charge	Withdrawal Within	Charge
First Week	10%	Sixth Week	60%
Second Week	20%	Seventh Week	70%
Third Week	30%	Eighth Week	80%
Fourth Week	40%	Ninth Week	90%
Fifth Week	50%	Tenth Week or After ..	100%

No part of instruction fees will be refunded if the student withdraws after he has been in college nine weeks or longer.

No part of the laboratory fees will be refunded except upon written recommendation of the head of the department.

Students carrying less than a full schedule and paying less than the full tuition fee will be reimbursed upon a basis arrived at after an investigation of each individual case by the Treasurer of the College.

In no cases are the matriculation, incidental, and health fees refunded.

- c. Students who do not abide by the dormitory regulations or who show an unwillingness to cooperate with those in charge may be forced to leave the dormitory without refund. No refund of room rent will be made to a student leaving the dormitory during a semester unless the student is withdrawing from college. College officials may at any time inspect the rooms in the various dormitories.
- d. A student who, at the beginning of a semester, registers for board at the dining hall will be charged for a minimum of three weeks' board in case of withdrawal from the dining hall. In case a student discontinues boarding at the dining hall at a later date, the charge will be for the period up to the date his ticket is returned to the office of the Treasurer.

B. WITHDRAWALS FROM COURSES

- a. A student who is given permission to drop a course officially within four weeks after the opening of a semester will be given a full refund on tuition.
- b. After the four weeks' period, he will not be entitled to any refund on tuition.
- c. No part of the laboratory fees will be refunded except upon written recommendation of the head of the department.

- (5) CONDITIONS OF PAYMENT AND DELINQUENCY. All students not entering for the first time, who fail to register at the time set for such purpose will be required to pay a penalty of one dollar for each day of delay.

The same penalty will be imposed for failure to meet payment on tuition, laboratory fees, board, and room at the time set for such purpose.

A fee of fifty cents is charged for change of schedule.

A fee of one dollar is charged for giving any final examination or one hour examination at any time other than that for which it is scheduled regardless of the cause of absence of the student, except in cases of sickness where student has certificate of excuse signed by proper Health Center authority.

- (6) Owing to the emergency arising out of the present economic conditions and changing prices, Otterbein College announces that all tuition, laboratory fees, incidental fees, board and room rates as well as regulations concerning housing are subject to change without notice.

Scholarships and Financial Aid

The College sponsors a student aid program to recognize outstanding scholarship and to give financial assistance to those students who are unable to meet all the expenses of a college course. This assistance is in the form of scholarships, student employment, and loans. All grants are based upon high scholarship, moral integrity and financial need.

For a Freshman a scholarship or grant-in-aid may be awarded on the basis of high school grades and activities, as well as financial need. Usually they are granted for one year only, but may be continued if college grades, campus citizenship and financial need merit such continuation. A minimum point-hour average of 3.3 is required to retain a scholarship while a grant-in-aid may be retained at a lower point average at the discretion of the scholarship committee. Work Grants in the form of specific jobs on the campus may be secured for which the student is paid an hourly wage.

The College follows the policy recommended by the Ohio College Association whereby no scholarship or financial assistance is granted a student until after an application for admission has been filed. Upon request the proper forms for applying for such aid will be supplied by the Director of Admissions. These forms are to be returned to that office.

The income from the following scholarship funds is available for the financial aid of worthy students. Some of the funds are available only to students who are taking certain types of work or who come from certain areas and some are unrestricted.

The George E. Welshans Memorial Scholarship Fund.....	\$1,000.00
The Allegheny Branch Christian Endeavor Scholarship Fund.....	1,000.00
The Southeast Ohio Branch C. E. Scholarship Fund	1,000.00
Class of 1914 Scholarship Fund.....	1,500.00
The East Ohio Branch Christian Endeavor Scholarship Fund.....	2,000.00
The Rev. and Mrs. S. F. Daugherty Scholarship Fund	750.00
The Sandusky Christian Endeavor Scholarship Fund.....	878.00
The Overholser-Deets Scholarship Fund.....	1,000.00

The Mr. and Mrs. J. S. Kendall Scholarship Fund.....	1,000.00
The Erem John Healy Memorial Scholarship Fund.....	1,700.00
The Mr. and Mrs. S. Hohenshil Memorial Scholarship Fund.....	1,500.00
The Wagner Scholarship Fund.....	620.00
The Harry R. Clippinger Memorial Scholarship Fund.....	1,650.00
The Charles W. Kurtz Memorial Scholarship Fund.....	1,450.00
The Rev. E. E. Harris Scholarship Fund.....	627.50
Class of 1918 Memorial Scholarship Fund.....	2,225.00
The Richard A. Hitt Scholarship Fund.....	2,107.50
The Mr. and Mrs. Edward Goodrich Memorial Scholarship Fund.....	500.00
The Mr. and Mrs. C. Philip Knost Scholarship Fund.....	200.00
The Van Gundy, Beck and Van Gundy Scholarship Fund.....	2,000.00
The Wiley Memorial Church Scholarship Fund.....	1,000.00
The Mr. and Mrs. W. F. Rudisill Scholarship Fund.....	1,000.00
The Altoona First Church C. E. Scholarship Fund.....	5,000.00
The Arthur A. Moore Memorial Scholarship Fund.....	2,000.00
The Johnstown Park Avenue Ev. U. B. Church Scholarship Fund....	4,404.50
The Lake Odessa, Michigan, C. E. and S. S. Union Scholarship Fund	200.00
The Mrs. Martha Soule Scholarship Fund.....	1,000.00
The William Henry Otterbein Hubert Memorial Scholarship Fund..	500.00
The Resler Foundation.....	1,000.00
The Mr. and Mrs. George A. Weaver Scholarship Fund.....	1,000.00
The James H. Fennessey Memorial Scholarship Fund.....	5,500.00
The Ephraim D. Hartman Scholarship Fund.....	1,000.00
The Mr. and Mrs. D. M. Hollar Memorial Scholarship Fund.....	1,000.00
The Alvesta S. Myers Scholarship Fund.....	5,000.00
The Joseph Hannibal Caulker Memorial Scholarship Fund.....	10,000.00
The Bishop John Dickson and Mary Jane Dickson Scholarship Fund	4,000.00
Class of 1913 Scholarship Fund.....	19,000.00
Columbus-Westerville Otterbein Women's Club Scholarship Fund ...	1,215.51
Vinton B. Singer Scholarship Fund	1,000.00
Mr. and Mrs. Russell Palmer Scholarship Fund	1,000.00
M. B. Monn Scholarship Fund	1,285.00
The Sara B. Mauger, '95 Memorial Scholarship Fund (Not yet productive)	10,715.01
Dr. and Mrs. A. H. Weitkamp Scholarship Fund	1,500.00
Sam C. Swain Scholarship Fund	750.00
The Rev. J. Bren and Ida B. Mauger Bovey Scholarship Fund (Not yet productive)	2,023.19
The Rev. Jacob L. and Elizabeth B. Mauger Memorial Fund (Not yet productive)	2,023.20

Ada Markley Lutz Scholarship Fund	1,000.00
Edith L. Fouts Clements Scholarship Fund	11,250.00
Miami Conference Branch C. E. Scholarship Fund	1,000.00
Southeast Ohio Conference Board of Christian Education Scholarship Fund	1,000.00
The Dr. Stephen C. and Mary B. Markley Scholarship Fund (Not yet productive)	10,000.00
The Findeiss Scholarship Fund	4,000.00
The Walter A. Maring Scholarship Fund	5,000.00
Board of Christian Education Scholarship Fund.....	4,000.00
The Solomon Zartman Memorial Scholarship Fund	1,000.00
The Maurice A. Permut Scholarship, \$125.00 a year	
The Cleiorhetean—Philalethean Piano Practice Scholarship	
The Shauck E. Barlow Scholarship Fund	5,000.00
S. C. Conrad Scholarship	4,000.00
(\$1,000.00 productive)	
Cora E. Scott Scholarship Fund	2,000.00
Phoenix Phi Theta Phi Scholarship Fund	251.77
The Rike Foundation Scholarship Fund	5,000.00
The Charles F. Kettering Scholarship Fund	1,000.00
The Tressa Barton Memorial Scholarship Fund	1,000.00

Columbus-Westerville Otterbein Women's Club Scholarship Fund

The Otterbein Women's Club maintains a fund from which scholarships are offered each year to worthy students. Interested students may obtain information from the registrar.

Loan Funds

These funds may be borrowed by worthy students. Preference is given to Juniors and Seniors. The loans are secured by notes which are due one year after graduation. Interest is charged at the rate of 3% per annum until maturity; 6% after maturity.

THE DAYTON ALUMNI LOAN FUND
 THE CLEMENTS LOAN FUND
 THE EBERLY LOAN FUND
 THE ALBERT J. DEMOREST MEMORIAL FUND
 THE EMERGENCY LOAN FUND
 THE MIDDLETOWN ALUMNI ASSOCIATION LOAN FUND
 THE JAMES H. FENNESSEY LOAN FUND
 THE DAYTON SOROSIS LOAN FUND
 THE EDUCATIONAL LOAN FUND
 THE MINISTERIAL STUDENT LOAN FUND
 THE MICHIGAN ALUMNI FUND

TOTAL OF ALL LOAN FUNDS

\$ 20,072.25

Westerville Woman's Music Club Loan Fund

The amount of \$100 per year is available as a loan from The Westerville Woman's Music Club to a Junior or Senior, majoring in music, who is a high grade, worthy student. Interested students may obtain further information from the Chairman of the Music Department.

Lectureship Fund

THE FREDERIC N. THOMAS MEMORIAL LECTURESHIP, \$5,000: The income from this fund is used to bring prominent lecturers and speakers to the campus.

Prize Scholarship

PIERRE FREDERIC AND LOUISE MARGUERITE ROSSELOT SCHOLARSHIP, \$1,000. The income from this fund is awarded to a senior or a junior who shall have attained high rank in the departments of American and European history, Political Science, and French language, and who shall have made a special study of some phase of international relations.

Prizes

RUSSELL PRIZE, DECLAMATION CONTEST—Three prizes, \$25, \$15, and \$10 each, are offered to students who win the first three places in the annual declamation contest for underclassmen.

RUSSELL PRIZE, ORATORICAL CONTEST—Three prizes, \$25, \$15, and \$10 each, are offered to students who win the first, second, and third places in the annual oratorical contest for upperclassmen.

Rev. Howard H. Russell, founder and associate superintendent of the Anti-Saloon League of America, established this series of prizes for those who win distinction in public speaking and oratory at Otterbein.

BARNES SHORT STORY PRIZES—Mr. J. A. Barnes, of Wellesley, Mass., class of '94, established a short story prize scholarship amounting to \$2,000, the income from which is to be used for prizes of \$35 and \$15 each for the best stories on Good Citizenship. The sum of \$30 is to be used for the purchase of books for the library bearing upon the subject. This scholarship is established in memory of Mr. Barnes' brother, Walter Barnes, of the class of '98.

QUIZ AND QUILL FOUNDATION, \$2,058.50—This fund was established by members of the Club to promote the *Quiz and Quill* magazine, to provide prizes for the annual contest sponsored by the Club, and to further the interests of creative writing on the campus. Prizes of \$10, \$5 and \$3 are awarded by the Club for the best prose or poetry written by Otterbein students each year.

THE ROY BURKHART PRIZE IN CREATIVE WRITING—Mr. Burkhardt, class of 1927, offers each year prizes for various types of creative writing.

THE WEINLAND WRITING AND SELLING CONTEST—Dr. Louis A. Weinland, Jr., class of 1930, awards prizes of \$25, \$15, \$10 and \$5 to the four students earning the largest gross amount of money during each year from any kind of writing for either publication or dramatic production exclusive of staff work.

THE WAYNE V. HARSHA SPECIAL FEATURE STORY CONTEST—Sponsored by Wayne V. Harsha, '27, editor of the *Tan* and *Cardinal* in 1926 and 1927 and editor of the 1926 *Sibyl*, this contest offers \$5 as first prize, \$3 as second prize and \$2 as third prize for the best special feature story (special columns excluded) which appears in the *Tan* and *Cardinal* during the school year.

THE DR. JAMES H. WEAVER MATHEMATICS AWARD—Mrs. James H. Weaver of Hilliards, Ohio, has established a Mathematics Award in the sum of \$250 in memory of her husband, Professor James H. Weaver of The Ohio State University. The yearly income of \$10 from this fund is given to a student showing high rank in the Department of Mathematics.

THE LAWRENCE KEISTER CLASSICAL GREEK PRIZE FOUNDATION—Rev. Lawrence Keister, Scottdale, Pennsylvania, gave \$1,000 as a permanent foundation for annual prizes in classical Greek to be distributed to first, second, and third year students on the basis of ability.

THE LAWRENCE KEISTER NEW TESTAMENT GREEK PRIZE FOUNDATION—The foundation for these prizes consists of \$500. To students in New Testament Greek, prizes of \$25 and \$15 will be given in order of class rank. These awards shall be made in chapel about June 1 of each year. The winners shall be announced on Commencement Day.

THE COX PRIZE FOUNDATION FOR DEBATE—A prize of \$25 is awarded by Mr. J. O. Cox of Valparaiso, Ind., to the winning team in the Freshman-Sophomore debate.

WEINLAND CHEMISTRY PRIZE—Two prizes of \$10 each are offered annually to freshman students who rank highest in the courses in General Chemistry. These awards were first made by Professor L. A. Weinland and are continued in his memory.

THE CHARLES R. BENNETT PRIZE AWARD IN BUSINESS ADMINISTRATION—Mr. Charles R. Bennett of Westerville, Ohio, has established a prize award in Business Administration in the sum of \$750, the income from which is awarded to students showing high rank in the Department of Economics and Business Administration.

THE BYRON W. VALENTINE PRIZE IN PSYCHOLOGY—A prize of \$100 to be awarded to a graduating student who has registered in graduate school with a major in psychology.

Such variations in all prizes may be made as changed conditions and discretion suggest.

Placement Bureau

A Placement Bureau is maintained to aid in securing employment or professional placement for any graduate. A large number of the graduating class obtain positions each year through this service.

Academic Requirements and Information

Requirements for Admission

Graduates of first-grade high schools, or veterans who have earned an equivalent to a high school diploma, will be considered for admission to the college. Applications should be submitted as early as possible in the senior year. Many students make preliminary application during the junior year, using the form in the back of the catalog. Applicants will be admitted upon the basis of six semesters of high school credit, subject to the satisfactory completion of the senior year.

Students in the upper half of their graduating classes will be considered without further evidences of scholastic ability. Other students may be required to show by means of scores on standardized tests and by strong recommendations that they are able to do satisfactory college work.

For high school graduates, fifteen units of work are required for admission to the college. Veterans presenting credits other than those from a first-grade high school must have them evaluated by the college registrar.

The units presented for entrance should include the following:

English	3 units
*Foreign Language	2 units
History and Civics	2 units
†Mathematics, (Algebra and Plane Geometry)	2 units
Science	2 units
Electives	4 units

Entrance Deficiencies

If the credits presented from the high school contain the total required number of units, but are deficient in any of these five departments, the candidate will be required to make up the deficiency on the basis of one semester of college work for each high school unit. This must be made up by the close of the sophomore year.

Procedure for Making Application

Interested persons should write to the Director of Admissions for the proper application forms, which include the following:

1. Formal Application

This is a general information form which requests a short autobiography, two unmounted photographs, and names of four references.

- * If a student has not taken two years of a foreign language in high school, he will be required to take a minimum of two years of study in some one language in college instead of the one year required for graduation. For this work he will receive full college credit and this will be counted toward his graduation requirements. If he prefers, the language deficiency may be met by passing a proficiency examination.
- † Any deficiency in algebra or plane geometry must be made up before sophomore classification is granted. See Department of Mathematics, page 78.

2. High School Transcript

The transcript should include all work completed at the time the application is sent. (A supplementary transcript will be required after graduation.) Transcripts should be sent by the high school principal directly to the Director of Admissions.

3. Health Record

The applicant will be supplied with a blank for a record of his physical examination. The attending physician should send this blank directly to the Director of Admissions.

Personal Interview

The college believes that a personal interview with the applicant is highly desirable and every effort is made to arrange for it. The college invites all applicants to come to the college for a visit and interview. Parents of applicants are cordially invited to visit the college.

Additional Requirements

After the applicant has been informed that he can be admitted, a twenty-five dollar (\$25.00) payment toward tuition must be made within a period of two weeks after the official notification.

The tuition payment is required as an evidence of good faith on the part of the entering student and will be refunded in case the student is not able to enter because of conditions beyond his control. When the student completes his registration, this fee is credited to his first semester account.

Otterbein College reserves the right to refuse to admit any applicant for any reasons it deems sufficient without informing the applicant of reason for its action.

Placement and Counseling

During Freshman Week Otterbein College requires every freshman to take an English test, a psychological test, a test in the foreign language he has studied in high school, and one or more short inventories covering personal adjustment and vocational preference. This program makes it easier to place every student in the courses for which he is ready, to help him fill in any gaps in his preparation, and to assist his counselors in helping him develop the qualities he must have to succeed in college and in his adult life.

Registration Requirements

All new students are expected to be on the campus by 2:30 P. M. on Sunday, September 13 when the Freshman Period begins. It is not expected or desirable for freshmen to arrive earlier as registration does not begin until Monday, September 14.

Registration as a student of Otterbein is understood to imply a willingness to comply with the social ideals and traditions of the college.

Requirements for Advanced Standing

Students who desire to transfer from other colleges with advanced standing must file in addition to the above credentials an official transcript of their college record from the college or colleges previously attended, together with a statement of honorable dismissal. Credits accepted from other institutions are evaluated on the basis of the quality point system in use at Otterbein and are counted in the cumulative grade point average.

The requirements for advanced standing are as follows:

At the beginning of the first semester a student must have completed, in addition to any entrance conditions, the following number of credit hours and quality points for the respective classifications:

For Sophomore standing	24 hours and 48 points
For Junior standing	56 hours and 112 points
For Senior standing	90 hours and 180 points

At the beginning of the second semester the requirements are as follows:

For Sophomore standing	40 hours and 80 points
For Junior standing	72 hours and 144 points
For Senior standing	106 hours and 212 points

An explanation of the nature of the credit hours and quality points referred to above is included in the statement of requirements for graduation.

Degrees

Otterbein College confers the following baccalaureate degrees: Bachelor of Arts (B. A.), Bachelor of Science (B. S.), Bachelor of Music (B. Mus.), Bachelor of Music Education (B.Mus.Ed.), Bachelor of Science in Education (B. S. in Ed.), and Bachelor of Science in Nursing (B. S. in Nursing). Students graduating from the two-year programs will receive the degree, Associate in General Education (A. G. E.)

Requirements for Graduation Credit Hours and Quality Points

The requirements for the degrees are on the basis of semester credit hours and quality points. A semester consists of seventeen or eighteen weeks, or one-half of the college year. A semester credit hour is one class hour a week continued through the semester. For illustration, a subject in which a student recites two hours a week for a semester would count two semester credit hours. One in which he recites three hours a week would count three semester credit hours. One hundred twenty-four semester credit hours are required for graduation with any degree.

The symbols A, B, C, D, F, X, and W, are used in ranking students. The letter A stands for extraordinary attainment in the course. B represents work that is above average; C represents average work; D below average; F failure,

and X conditioned. The X grade is used to denote any unfulfilled requirement for the course, regardless of the reason for the existence of the condition. The removal of conditions must be accomplished during the semester in which the student is next in attendance, or arrangements must be made with the Registrar for further postponement. In case this removal or arrangement is not made, the grade of X will automatically become an F. The W is used to mark a course regularly discontinued by permission of the Vice President and Registrar. When a student leaves college within a semester W is used to mark the courses in which he was enrolled if his work was satisfactory at the time of withdrawal.

Quality points are awarded to the student according to the degree of excellence with which the work in each course of study is accomplished.

The following is the schedule for the award of quality points:

For each semester hour of A	4 points
For each semester hour of B	3 points
For each semester hour of C	2 points
For each semester hour of D	1 point
For each semester hour of F, X & W	No points

The normal load for a student is fifteen to seventeen hours. The Vice President's permission is required for taking any number of hours in excess of seventeen.

A student is in acceptable academic standing and is eligible to represent the College in any activity and to hold office in a campus organization who attains a cumulative average of at least 1.6 at the end of the first semester and 1.7 at the end of the second semester of the freshman year; 1.8 at the end of the first semester and 1.9 at the end of the second semester of his sophomore year; and 2.0 at the end of the first semester of his junior year and thereafter maintains a cumulative average of at least 2.0 until he completes the requirements for graduation. A cumulative point average of 2.0 or better is required for graduation.

Failure to reach the above standards places the student on probation. Students on probation failing to show scholastic improvement may be asked to withdraw from College by action of the Administrative Council.

Work for which the student has once registered cannot be discontinued except by permission of the Vice President and faculty adviser. Courses discontinued later than four weeks from the opening of the semester will be counted as failure. Exceptions to this will be withdrawal from the College because of sickness or other valid reasons. Courses may not be added without the permission of the Vice President, the instructor concerned and the faculty adviser, after the first two weeks of the semester.

For the award of any one of the Bachelors' degrees, the student must have completed satisfactorily one hundred and twenty-four semester credit hours of work, and have earned at least a 2.0 cumulative point average. In order to secure two degrees one of which is the B.A. or the B.S., a student must have completed

not less than 150 semester hours of work, at least 92 of which are in the distinctly academic field, and must have fulfilled the minimum requirements for each degree. A second major is required and the work for the second major must be taken at Otterbein College.

Residence Requirements

The College specifies that no student may graduate without spending at least one year in residence at Otterbein, which should be the senior year.

The residence period for freshmen begins at the opening of the Freshman Period. This is not an optional introduction to the College work; it is an integral part of it. However, those entering the College with advanced standing will not be required to enroll for the Freshman Period.

Scholastic Honors

A point average of 3.3 for either semester of any one year entitles a student to be listed on the honor roll for that semester.

Honors Program

An Honors Program is in operation in which superior students may earn the special distinction, "Graduation with Honors." To be eligible to enter the Honors Program, a student must attain by the end of the second semester of the sophomore year and thereafter maintain a B average and demonstrate that he is so motivated and trained that he is a worthy representative of Otterbein College.

Such a student who wishes to become a candidate for graduation honors should, in consultation with his adviser, prepare early in his junior year, for the approval of the division in which he is doing his major work and of the Committee on Curriculum and Honors, a detailed statement of his achievements and his plans for study and research under the Honors Program.

Details concerning the scope of the program, the plan of independent study, the thesis and examination requirements, and the credit which may be earned may be obtained in printed form at the office of the Registrar.

A student may be a candidate for honors at graduation on the basis of two years of work at Otterbein College, provided he submits evidence of excellent grades in work transferred from other standard institutions.

SURVEY OF CURRICULA

Young men and young women who are seeking the best preparation for life provided by American higher education will find a well-organized program of liberal arts and sciences at Otterbein College which will help them to discover their best gifts and to select a course of study appropriate to their needs. This college has faculty, equipment, and curricula suited to meet the needs of three groups of students: (1) those planning to devote two to four years to liberal education as a preparation for living and earning a living, (2) those deciding to use this liberal education as a foundation required for further graduate or professional study, (3) those choosing to enter professional training (with a chance to share in the advantages of a liberal arts college), particularly in these professional fields: Elementary Education, Home Economics, Physical Education, Music, and Secondary Education.

The opportunities for educational growth and development provided in the curricula at Otterbein are arranged under four groupings: I LIBERAL ARTS, II TWO-YEAR GENERAL EDUCATION PROGRAMS, III ARTS—PROFESSIONAL, and IV PROFESSIONAL.

I. Requirements for the Liberal Arts Degree, B.A. and B.S.

Distribution Requirements for the First Two Years

English Composition6 hours

For graduation from Otterbein College, each student must demonstrate proficiency in English by passing a proficiency examination or by passing English 101-102 with a C grade or better. Some students will be able to secure release from this requirement by demonstrating proficiency in the placement test. But the average student will need one year of college work in English to attain this standard. Entering students who show marked deficiencies in English will be required to take English 1 without credit in addition to English 101. Six hours of English composition, elementary or advanced, must be completed to qualify for a teacher's certificate in English.

Literature or Humanities6 hours

This requirement may be met by completing six hours in courses in Basic Literature, English Literature, American Literature, or Humanities 201-202. These selections must be made on the specific recommendation and approval of the adviser.

Foreign Language6 hours

Each student must demonstrate before the end of the junior year, proficiency in one foreign language. Proficiency in a foreign language is defined as that ability which may be reasonably expected in a student who has passed the second year college course in that language. This requirement may be met in two ways:

1. By passing satisfactorily the second college year course in any language offered by the College.
2. By passing a proficiency test requiring a knowledge of the language equivalent to that required to pass the final examination in the second year course of the language chosen with a grade of C or better.*

Bible6 hours

This requirement may be met by taking any Religion course except 307-308.

Science8 hours

This requirement may be met by passing any year course in the physical or biological sciences or the course in Natural Science.

Social Studies6 hours

This requirement may be met by passing any year course in History, Sociology, Economics, Government, or the course in Survey of Civilization.

Mathematics (Required for B.S. degree only)6 hours

This requirement may be met by taking either Mathematics 109-110 (6 hours) or 121-122 (10 hours).

Physics (required for B.S. degree only)6 hours

Physical Education4 hours

Requirements for Majors and Minors

During the college course, particularly in the last two years, provision is made for orderly and considered specialization, since each candidate for a liberal arts degree must choose one field of primary interest, his major, and a related field of secondary interest, his minor. A major shall consist of not less than twenty-four semester hours; a minor of at least fifteen. A student may take a major or a minor in any of the following:

* Students who have had two years in any one language in high school are normally admitted to the second year course of that language in College. Students who have had three or more years in high school or those who may demonstrate special ability may present themselves for the examination without having had any language in College. Work completed by proficiency examination receives no credit. Students who expect to continue their work in a graduate school should elect either French or German.

LANGUAGE AND LITERATURE

English
 French
 German (on sufficient demand)
 Spanish
 Speech

FINE ARTS

Dramatics
 Visual Arts
 Music

PROFESSIONAL

Education
 Home Economics
 Physical Education

SOCIAL STUDIES

Business Administration
 Business Education
 Economics
 History
 History and Government
 Religion
 Religion and Philosophy
 Sociology

SCIENCE AND MATHEMATICS

Biology
 Chemistry
 Mathematics
 Physics

A student may also take majors in a Modern Language combination, a Social Studies combination and in Comprehensive Science and in addition he may take these minors: Christian Service, Government, Philosophy and/or Religion, Sociology and/or Psychology.

For either of the liberal arts degrees, B.A. or B.S., a student must fulfill the above requirements, complete 124 semester hours of credit, and earn at least a 2.0 cumulative average. A student whose major is in Biology, Chemistry, Mathematics, or Physics, and who has completed six hours of Mathematics and six hours of Physics, may elect to receive the degree of Bachelor of Science.*

II. Two-Year General Education Programs

Associate in General Education Degree

Objectives of these Shorter Programs:

1. To give young women preparation for marriage and family life.
2. To prepare a man or a woman for a business career, or for secretarial services to professional men.
3. To give a man or woman an introduction to work in one of the communication arts—journalism, radio, theater, or television.
4. To prepare a young man or woman in sciences, or in social studies, useful for a career in the armed services, in defense industries, or in peacetime industries.
5. To give pre-professional education for medical technology and nursing.
6. To meet the needs of older students in the community for adult education.
7. To meet individual needs that are not met by the first two years of the present four-year programs.

Otterbein College offers seven two-year general education programs leading to the *Associate in General Education* degree (A.G.E.).

The strong and comprehensive four-year curricula leading to the bachelor's degrees which Otterbein has offered for over a century will continue with substantial improvements.

In general a student may earn a bachelor's degree in two additional years of study following his earning the A.G.E. degree.

* For general regulations governing all degrees see the preceding section: "Academic Requirements and Information."

THE GENERAL TWO-YEAR CURRICULUM

The degree of *Associate in General Education* (A.G.E.) will be granted by Otterbein College to those men and women who attain a cumulative average of 2.0 or better in all courses and complete 64 semester hours selected as follows:

English Composition	6 hours
Religion	6 hours
Physical Education	2 hours
Personal Health	2 hours

REQUIRED OF ALL16 hours

Any three of the following requirements for the Bachelor of Arts and Bachelor of Science degrees—a complete one-year course in each case selected from the variety of offerings possible only in a four-year college:

Literature or Humanities	6
Foreign Language	6-8
Science	8
Social Studies	6
Mathematics	6

RESTRICTED ELECTIVES	18-22 hours
ELECTIVES	26-30 hours

64 hours

THE SEVEN PROGRAMS

Experienced faculty advisers will help students make responsible choices in concentrating the electives in the two-year curriculum to meet the real needs of each student and help him achieve some significant purpose for his life. Seven programs follow which are sufficiently flexible to meet a variety of individual needs and purposes, and to prepare students for lives of great value in seven important areas. The possible investment of two, three, four, or more years of his life in higher education is carefully indicated.

1. A Program in Homemaking and Community Life
2. A Program in Business or Secretarial Studies, and in Business Education
3. A Program in Communication Arts
4. A Program in Science
5. A Program in Social Studies
6. A Program in Preparation for Medical Technology
7. A Program in Preparation for Nursing

1. A PROGRAM IN HOME MAKING AND COMMUNITY LIFE

The first two courses in each year and the italicized courses or equivalent courses are required for the *Associate in General Education* (A.G.E.) degree. The other courses are electives concentrated to prepare a woman for marriage, family life, fuller individual development, community life, and citizenship.

FRESHMAN YEAR		1st Sem.	2nd Sem.	SOPHOMORE YEAR		1st Sem.	2nd Sem.
English 101-2		3	3	Health in the Home 203-4	1	1	
Physical Ed. 101-2		1	1	Religion 201-2, or 203-4	3	3	
<i>Chemistry 101-2, or 103-4 ..</i>		4	4	<i>Humanities 201-2</i>	3	3	
<i>History 101-2</i>		3	3	English 201-2, or 203-4	3	3	
Home Economics 101		3		Economics 103	3		
Home Economics 211		3		Sociology 204		3	
Electives			3	Psychology 201	3		
		17	17	Home Economics 408			3
				Home Economics 206			3
						16	19
<i>Equivalents or Electives</i>				<i>Equivalents or Electives</i>			
Speech 106			3	English 201-2	3	3	
Foreign Language	4	4		Foreign Language	3	3	
Biology 101-2, or 103-4	4	4		Sociology 201	3		
Mathematics 109-10	3	3		Home Economics 215	3		
Home Economics 102			3	Art 232			2
Art Design 121	2			Economics 104			3

Completing a Major and Earning a Bachelor's Degree

Students who decide to continue in college for four years will be able to complete a major in Home Economics and the requirements for a Bachelor of Arts degree, or the requirements for a Bachelor of Science in Education degree. For the Bachelor of Science in Education degree no foreign language is required except for entrance. Candidates for this degree should elect Education 102, 202, 203, 425-26, 431-2, and Home Economics 320.

Early selection of a major is important for those who expect to earn a bachelor's degree. Students may specialize in these majors other than Home Economics: English, Foreign Language, Speech—Biology, Chemistry, Mathematics, Physics—Economics, History, History and Government, Religion, Religion and Philosophy, Sociology—Music, Visual Arts—Education, Physical Education.

If a student includes year courses in mathematics and physics in addition to meeting the foreign language requirement, and completes a major in one of the science departments listed above, he may receive the Bachelor of Science degree.

II. A PROGRAM IN BUSINESS OR SECRETARIAL STUDIES AND IN BUSINESS EDUCATION

The first two courses in each year and the italicized courses or equivalents are required for the *Associate in General Education* (A.G.E.) degree; the other courses are electives concentrated to achieve a definite vocational purpose. For students interested in preparing for secretarial services to physicians, lawyers, or clergymen, this program may be modified to give preparation for a particular kind of professional service.

FRESHMAN YEAR	1st Sem.	2nd Sem.	SOPHOMORE YEAR	1st Sem.	2nd Sem.
English 101-2	3	3	Religion 201-2 or 203-4	3	3
Physical Ed. 101-2	1	1	Health in the Home 203-4 ..	1	1
<i>Natural Science</i> 101-2	4	4	<i>Literature or Humanities</i>	3	3
Typewriting 99-100	0	3	Dictation, Transcription 205-6	3	3
Shorthand 105-6	3	3	Accounting 203-4	3	3
<i>Intro. to Business and Personal Finance</i> 103-4	3	3	Office & Secretarial Prac. 208		3
Electives	3		English in Business Prac. 209	2	
	—	—	Electives	2	
	17	17		—	—
				17	16
<i>Equivalents or Electives</i>			<i>Equivalents or Electives</i>		
Speech 105, 108	3	3	Speech 105, 108	3	3
Foreign Language	3-4	3-4	Foreign Language	3-4	3-4
Mathematics 131, 130	3	3	Mathematics 131, 130	3	3

Completing a Major and Earning a Bachelor's Degree

Students who expect later to complete a major in Economics or Business Administration should take Economics 201-2 instead of Introduction to Business 103-4. A Bachelor of Arts degree may be earned by completing the remaining requirements for this degree and the required number of hours accepted for the major in any department of the college.

Teaching Business Subjects

A Bachelor of Science in Education degree may be earned by completing the professional requirements in education for this degree, and a major in Business Education which should include courses in Shorthand and Typewriting, and must total 45 hours. Students completing this major will be qualified to teach business subjects in high school. For details see Division of Social Studies.

III. A PROGRAM IN COMMUNICATION ARTS

The first two courses in each year and the italicized courses or equivalent courses are required for the *Associate in General Education* (A.G.E.) degree. The remaining courses concentrate the electives in Speech, English, and Social Studies as an introduction to work in journalism, speech, arts, theater, radio, or television.

FRESHMAN YEAR		1st Sem.	2nd Sem.	SOPHOMORE YEAR		1st Sem.	2nd Sem.
English 101-2	.....	3	3	Religion 201-2, or 203-4	....	3	3
Physical Ed. 101-2	.....	1	1	Health in the Home 203-4	....	1	1
<i>Natural Science 101-2</i>	.....	4	4	English 201-2, or 203-4	....	3	3
<i>History 101-2</i>	.....	3	3	<i>Humanities 201-2</i>	.....	3	3
Radio 305-6	.....	3	3	Journalism 205-6	.....	3	3
Speech 105, 108	.....	3	3	American Gov. 201	.....	3	
		<hr/>	<hr/>	Economics 104	.....		3
		17	17			<hr/>	<hr/>
						16	16

Equivalents or Electives

Foreign Language	.....	3-4	3-4
Chemistry 101-2, or			
103-4	.....	4	4
Mathematics 109-10	.....	3	3
Zoology 103-4	.....	4	4
History 201-2	.....	3	3

Equivalents or Electives

Speech 202 or 301-2	.....	3	3
English 311-12, or 339-40	..	3	3
Foreign Language	.....	3-4	3-4
Economics 201-2	.....	3	3
Local Government 202	....		3
Philosophy 201	.....	3	
Philosophy 204	.....		3
Religion 201-2	.....	3	3
Religion 206	.....		3
Sociology 201-2	.....	3	3
Sociology 204	.....		3

Completing a Major and Earning a Bachelor's Degree

Students who decide to continue in college will be able to complete a major in Speech or English, Economics, History, History and Government, Religion, Religion and Philosophy, Sociology, or Sociology and Psychology and complete the requirements for the Bachelor of Arts degree. The Bachelor of Science in Education degree does not require foreign language for graduation. Early selection of a major is important for those who expect to earn a bachelor's degree; students desiring a major in Foreign Language would ordinarily take foreign language in the freshman year.

If a student includes year-courses in mathematics and physics, meets the graduation requirement in foreign language, and completes a major in one of the science departments, he may receive the Bachelor of Science degree.

IV. A PROGRAM IN SCIENCE

The first two courses and the italicized courses or equivalent courses are required for the *Associate in General Education* (A.G.E.) degree. The concentration of electives in science will prepare a student for intermediate employment as a chemical analyst, a technician, or a bacteriologist.

FRESHMAN YEAR		1st Sem.	2nd Sem.	SOPHOMORE YEAR		1st Sem.	2nd Sem.
English 101-2	3	3	Religion 201-2 or 203-4	3	3		
Physical Ed. 101-2	1	1	Health in the Home 203-4	1	1		
<i>Mathematics 121-2</i>	<i>5</i>	<i>5</i>	<i>Sociology 201-2</i>	<i>3</i>	<i>3</i>		
<i>Any two of</i>			<i>Either</i>				
Chem. 101-2 or 103-4	4	4	Chem. 201-2	4	4		
Botany 101-2, or	4	4	Bacteriology 305-6	4	4		
Zoology 103-4	4	4	<i>Or</i>				
Physics 201-2, or	4	4	Mathematics 211-2	5	5		
203-4	5	5	Physics (two 300 courses)	3-4	3-4		
						15-16	15-16
			17-18	17-18			

Equivalents or Electives for the Sophomore Year

Literature or Humanities	3	3	History 101-2	3	3
English 201-2	3	3	History 201-2	3	3
Foreign Language	3-4	3-4	Philosophy 201	3	
Speech 105, 108	3	3	Philosophy 204		3
Meteorology 204		3	Psychology 201	3	
			Psychology 222		3

Completing a Major and Earning a Bachelor's Degree

Students who decide to continue for a Bachelor of Arts, or for a Bachelor of Science degree, will find it possible to complete a major in any of the departments in the Division of Science and Mathematics, and to meet the requirements for either of these degrees.

V. A PROGRAM IN SOCIAL STUDIES

The first two courses in each year and the italicized courses or equivalent courses are required for the *Associate in General Education* (A.G.E.) degree. The concentration of electives will prepare the student for intermediate employment in industry, social service, or personnel work.

FRESHMAN YEAR	1st	2nd	SOPHOMORE YEAR	1st	2nd
	Sem.	Sem.		Sem.	Sem.
English 101-2	3	3	Religion 201-2, or 203-4	3	3
Physical Ed. 101-2	1	1	Health in the Home 203-4	1	1
Natural Science 101-2	4	4	English 203-4	3	3
Psychology 201	3		Mathematics 130		3
Psychology 222		3	Speech 105	3	
Economics 103-4	3	3	Sociology 201-2	3	3
History 101-2	3	3	Psychology 304		3
	—	—	Economics 201	3	
	17	17		—	—
				16	16

Equivalents or Electives

Foreign Language	3-4	3-4
Chemistry 101-2 or 103-4	4	4
Mathematics 109-10	3	3
Zoology 103-4	4	4
Botany 101-2	4	4

Equivalent or Electives

English 201-2	3	3
Journalism 205-6	3	3
Mathematics 131	3	
Speech 108		3
Foreign Language	3-4	3-4
Economic Geography 206 ..		3
Government 201-2	3	3
Psychology 315	3	
Humanities 201-2	3	3

Completing a Major and Earning a Bachelor's Degree

Students who decide to continue for a Bachelor of Arts, or for a Bachelor of Science in Education degree, will find it possible to complete a major in the Division of Social Studies, and to meet the requirements for either of these degrees.

VI. A PROGRAM IN PREPARATION FOR MEDICAL TECHNOLOGY

For admission to a school of medical technology approved by the Registry of Medical Technologists of the American Society of Clinical Pathologists a minimum of two years' work in an accredited college or university is required as follows:

BIOLOGY: 12 semester hours selected from general biology, bacteriology, anatomy, parasitology, histology, embryology, or zoology.

CHEMISTRY: 6 semester hours of inorganic chemistry, and 3 semester hours selected from quantitative chemistry, organic chemistry, or biochemistry.

ELECTIVES: Sufficient to give a total of 60 semester hours. Physics, mathematics, and typing are not required but are highly recommended.

At Otterbein College the first two courses in each year and the italicized courses or equivalents are required for the *Associate in General Education* (A.G.E.) degree and a total of 64 hours. The following program will meet the requirements for this degree and for admission to an approved school of medical technology.

FRESHMAN YEAR		1st Sem.	2nd Sem.	SOPHOMORE YEAR		1st Sem.	2nd Sem.
English 101-2	3	3	Religion 201-2, or 203-4 ...	3	3	3	3
Physical Ed. 101-2	1	1	Health in the Home 203-4	1	1	1	1
<i>Chemistry 101-2, 103-4</i> ...	4	4	<i>Literature or Humanities</i> ...	3	3	3	3
<i>History 101-2</i>	3	3	Bacteriology 305-6	4	4	4	4
Zoology 103	4	4	Chemistry 201	4	4	4	4
Botany 102		4	Electives	3	7	3	7
Electives	3	3				18	18
	<hr/>	<hr/>				<hr/>	<hr/>
	18	18					

Equivalents or Electives

Foreign Language	3-4	3-4
Speech 105, 108	3	3
Mathematics 109-10	3	3
Typing 99, 100	0	3

Equivalents or Electives

Foreign Language	3-4	3-4
Speech 105, 108	3	3
Physics 201-2	4	4
Histology 302		4
Chemistry 202		4
Chemistry 205	4	
Economics 201-2	3	3
Sociology 201-2	3	3

Approximately one-third of the schools of medical technology require a bachelor's degree for admission. A four-year program at Otterbein College leading to the Bachelor of Science degree may be completed by enrolling for this schedule during the junior and senior year:

JUNIOR YEAR		Hrs. per Semester		SENIOR YEAR		Hrs. per Semester	
	1st	2nd	1st	2nd	1st	2nd	
Embryology 301	4		Physiology 321-2	3	3		
Histology 302		4	Physics 201-2	4	4		
Chemistry 205-6	4	4	Electives	9	9		
Social Studies	3	3					
Foreign Language	3	3					
Literature	3	3					
	<hr/>	<hr/>					
	17	17			16	16	

VII. A PROGRAM IN PREPARATION FOR NURSING

See Plan II for nursing leading to an A.G.E. degree from Otterbein College and a professional degree from a university operating a school of nursing on page 58.

III. Arts-Professional

Students expecting to enter a professional school should secure a foundation of liberal arts education. These students need to plan carefully to acquire the essential skills, the wider understanding, and the maturity of mind and character which makes for success in the professions needed in the complex modern world. Those who complete a four-year degree course before professional specialization are more likely to choose a profession wisely and render distinguished service in it.

To particularly able students Otterbein College offers a three-year Arts-Professional Program, 106 semester hours, whereby a student may spend three years in residence at Otterbein College, and then, with the approval of his adviser and the faculty, transfer to certain cooperating graduate or professional schools, approved by the Association of American Universities, and requiring a degree or its equivalent for entrance. A student who asks the Otterbein College faculty to approve him for this program must attain a B average and complete the requirements for the B.A. or B.S. degree at Otterbein with the exception only of the requirement of a total of 124 semester hours, of which 106 hours must be completed. Such a student, approved by vote of the faculty, will receive the B.A. or B.S. degree from Otterbein College, when he has completed satisfactorily the first-year course in such an approved graduate or professional institution.

Suggested Arts-Professional Courses

For other students who look forward to employment, or to admission to professional schools or universities for the study of business administration, dentistry, dietetics, engineering, government and foreign service, journalism, law, library science, medicine, medical technology, nursing, professional work in psychology, radio, social service, theology, and other professional fields, Otterbein College offers the necessary prerequisite courses. Graduates who have given distinguished service in the professions, and the position of Otterbein College on the list of colleges approved by the Association of American Universities establish the fact that the education and training given at Otterbein College are recognized as superior by employers and by the best professional and graduate schools in the United States and Canada.

STUDENTS WHO PLAN LATER TO ENTER ANOTHER SCHOOL SHOULD CHECK CAREFULLY THE REQUIREMENTS OF THE INSTITUTION TO WHICH THEY PLAN TO TRANSFER AND MODIFY THESE SUGGESTED PROGRAMS IN CONSULTATION WITH THEIR ADVISERS.

Preparation for Business Administration and Public Administration

There are increasing demands by the government and industry for men and women who have a college background and who are technically trained

in business. Otterbein College is prepared to offer the training necessary for those who plan to go directly into business or for those who wish to enter a graduate school for more specialized study.

FRESHMAN YEAR		Semester Hours	SOPHOMORE YEAR		Semester Hours
English Composition	6		Economics	6	
Science	8		Accounting	6	
Foreign Language	8		Literature	6	
Physical Education	2		Religion	6	
Introduction to Business	3		Physical Education	2	
Elective	5		Electives*	8	
		—			—
		32			34
JUNIOR YEAR		Semester Hours	SENIOR YEAR		Semester Hours
Marketing	3		Business Organization and Management	3	
Money and Banking	3		Economics of Labor	3	
Corporation Finance	3		Business Law	3	
Statistics	3		Electives	24	
Electives	22				—
		—			33
		34			

Courses in the following fields are especially recommended as electives: advanced accounting, retailing, advertising and selling, public speaking, psychology, American history, and sociology.

Preparation for Commercial Art

Believing that a producing artist needs both a liberal arts education and professional training, Otterbein College has entered into a cooperative agreement with the Columbus Art School, a school maintained by the Columbus Gallery of Fine Arts. This arrangement combines the four-year college work with its B.A. degree and the three-year art school program with its certificate into a five or five and a half-year program with both awards.

If a student enters with no deficiencies and takes almost no electives he can fulfill the graduation requirements, a fifteen-hour minor and the equivalent of two years at the art school in his regular four years. During the freshman and sophomore years he will take his basic art courses at the college, eliminating those courses at the art school. The fifth year would be spent at the art school. Actually, many students will need an additional summer term.

A person who has completed this combined course will be trained in illustration, advertising design, industrial design, photography, or painting according to his ability and his preference. Additional information about this program will be sent upon a request addressed to the Office of Admissions.

* Second-year foreign language if needed for graduation requirements.

Preparation for Dietetics

Students who wish to prepare for dietetics and institutional management may take the first two years of this work at Otterbein College. The curriculum may be planned to meet the requirements of the institution to which the student expects to transfer.

Preparation for training in other phases of home economics may likewise be arranged for students who are planning to major in child development, household administration, foods and nutrition, textiles and clothing, and interior decoration.

Preparation for Engineering

Because professional engineering education has broadened its scope within the last decade and now recognizes the importance of cultural breadth as well as technological depth, Otterbein College has concluded the following described arrangement with Carnegie Institute of Technology.

Under this plan a student may study three years at Otterbein and two years at Carnegie Institute of Technology, upon the satisfactory completion of which he may receive the Bachelor of Arts degree from Otterbein and the Bachelor of Science in Engineering degree from the Institute. This program is known as the 3-2 plan. In order to be accepted at Carnegie, the quality of work done at Otterbein must be of sufficiently high quality to warrant a recommendation by the College.

Pre-Engineering Curriculum The First Three Years

Required Courses Common to all Engineering Curricula

	Semester Hours
General Chemistry	8
Mathematics	16
Physics	12
Engineering Drawing	4
English Composition	6
Literature	6
Principles of Economics	6
History of Civilization	6
Psychology	6

In addition there are certain specific courses required in the various particular engineering curricula the student may select. The requirements at Otterbein in Bible, Foreign Language and Physical Education must also be met. The engineering adviser at Otterbein will be glad to help pre-engineering students work out their courses in detail to meet the requirements of Carnegie Institute of Technology as well as to prepare other students for entrance to any other engineering schools which they may wish to enter.

Preparation for Forestry Service

A 3-2 cooperative program has been established with the Duke University School of Forestry for those interested in preparing for Forestry Service.

Under this plan a student may study three years at Otterbein and two years at the School of Forestry of Duke University. Upon the satisfactory completion of the first year at Duke he may receive from Otterbein the Bachelor of Arts or Science degree and when the second year is completed the professional degree, Master of Forestry, from Duke University.

For admission to the School of Forestry, Duke University requires only a few specific courses, such as the beginning courses in: English Composition, Biology, Chemistry, Physics, Economics and Mathematics. In addition, the student must complete before leaving Otterbein all the minimum graduation requirements for the bachelor's degree, except the total of 124 hours.

Preparation for Government and Foreign Service

Many opportunities are offered in the government and diplomatic services, and in the export and import services of large business corporations.

The student desiring to enter the former should major in history and government, minor in economics and business administration, including accounting, English, and foreign languages. In the case he wishes to enter the export-import business he should major in economics and business administration, including accounting, and minor in history, English, and foreign languages. In either case he should prepare himself to understand foreign civilizations by becoming acquainted with foreign literatures and customs.

Preparation for Journalism and Radio

The best preparation for journalists is a complete four-year liberal arts course. Except for news reporting and news editing Otterbein College advisedly omits all technical and so-called professional courses and leaves them to be taught by the newspaper itself. The student interested in journalism should include in his course of study a major or minor in English. He should emphasize advanced courses in writing and courses in English, American, and world literature. He should select as much work as he can in the sciences, economics, history, government, sociology, philosophy, and psychology.

In addition to its liberal arts courses, Otterbein College offers the student a chance to get practical newspaper experience. The "Tan and Cardinal," a student newspaper, is published weekly by an all-student staff. Here the student works up from minor reporting to positions of greater responsibility, and gains experience at first hand.

Like the journalist, a student planning a career in radio should select a broad liberal arts program. He should take a major or minor in speech and supplement it with courses in writing, English and American literature, social sciences, philosophy and psychology. A basic course in music interpretation is

also advisable. If the student has an interest in radio from the technical or engineering side, he should take courses in physics.

Radio instruction is limited to two non-professional courses which are designed to give the student a broad, general knowledge of the field of radio broadcasting. It includes an historical survey of radio and its present and future opportunities as a profession. Special emphasis is given to government control of broadcasting and to the various types of programming. In addition the student has a chance to gain practical experience by writing and producing radio programs which are "aired" from the laboratory studios over station WOBC. Some experience in television is also given through the facilities of a Columbus station. See also the two-year program in Communication Arts.

Preparation for Law

Members of the National Association of Law Schools require 90 semester hours of arts and sciences (3 years); however, many law schools require the Bachelor of Arts degree for admission. Recommended courses are: accounting, economics, English, literature, history, philosophy, government, psychology, sociology, speech, and Latin or French.

Otterbein College offers all the courses required for admission to the nation's best law schools.

Preparation for Library Science

Approved library schools require a bachelor's degree for admission. They require also reading knowledge of at least two foreign languages, skillful use of a typewriter, wide knowledge of literature both English and foreign, and a background of general culture. There is a growing need in industrial research libraries for librarians with training in science.

Practical experience in a library is an almost universal requirement for admission to professional library schools. Otterbein College student library assistants are given excellent preliminary training for entrance to such schools.

Preparation for Medicine and Dentistry

The purpose of collegiate training for students who desire to enter the field of medicine is first, to provide a strong background of general culture and second, to give the student training in subjects that are fundamental to those of the medical school. The courses suggested upon entering college are so organized as to provide the student with such training that he will be able to carry the work in the medical school with better understanding and technique. It is not desirable to include in the collegiate curriculum courses that are merely abbreviated forms of those to be found in the medical curriculum.

The specific entrance requirements for dental schools range from two to four years of college subjects, while the requirements for medical schools, with a few exceptions, range from three to four years of college subjects.

The curriculum below is outlined to meet the requirements of the most exacting medical and dental schools. Students wishing to enter medical or dental

schools with a maximum of preparation may modify the accompanying curriculum in consultation with their advisers.

Pre-Medical and Pre-Dental Curriculum

	Hrs. per Semester			Hrs. per Semester	
	1st	2nd		1st	2nd
FRESHMAN YEAR			SOPHOMORE YEAR		
Chemistry 101-2, or 103-4....	4	4	Chemistry 201-2	4	4
English 101-2	3	3	Embryology 301	4	—
Mathematics 109-10	3	3	Histology 302	—	4
Physical Education 101-2	1	1	Foreign Language	4	4
Zoology 103-4	4	4	Physical Education 201-2.....	1	1
Speech 105	3	—	History 101-2	3	3
	—	—		—	—
	18	15		16	16
	Hrs. per Semester			Hrs. per Semester	
	1st	2nd		1st	2nd
JUNIOR YEAR			SENIOR YEAR		
Anatomy 201-2	3	3	Bacteriology 305	4	—
Chemistry 301-2	5	5	English	3	—
Foreign Language	3	3	Genetics 316	—	3
Physiology 321-2	3	3	Physics 201-2	4	4
Religion 201-2	3	3	Social Studies	3	3
	—	—	General Psychology	—	3
	17	17	Electives	3	3
				—	—
				17	16

Preparation for Medical Technology

The college has just completed arrangements for a cooperative program in Medical Technology with the school of Medical Technology of Miami Valley Hospital, Dayton, Ohio. Details will soon be available.

Two Plans for Liberal Arts — Nursing

Plan I

Otterbein College has entered into a cooperative agreement with Grant Hospital, Columbus, Ohio, in which the student will pursue at Otterbein the three-year course as described below and will take approximately two years of professional training in nursing at Grant Hospital in Columbus. Completion of this program of study will entitle the student to:

1. A diploma from Grant Hospital School of Nursing.
2. A Bachelor of Science in Nursing degree from Otterbein.
3. Admission to the examinations for recognition as a Registered Nurse (R.N.).

The accepted list of courses for this program follows:

Nursing Curriculum

	Hrs. per Semester	
	1st	2nd
FRESHMAN YEAR		
English 101-2 (Composition)	3	3
Biology 103-4 (Zoology)	4	4
Chemistry 101-2 or 103-4 (General)	4	4
Mathematics 131 (Statistics)	3	—
Speech 106 (Fundamentals)	—	3
Phys. Educ. 101-2 (Required Physical Education)	1	1
	15	15
SOPHOMORE YEAR		
History 101-2 (Civilization)	3	3
Biology 221-2 or 321-2 (Physiology)	3	3
English 203-4 (Basic Literature)	3	3
Religion	3	3
Chemistry 205 (Organic)	4	—
Biology 102 (Botany)	—	4
Phys. Educ. 201-2 (Required Physical Education)	1	1
	17	17
JUNIOR YEAR		
Biology 305-6 (Bacteriology)	4	4
Psychology 201 (General)	3	—
Psychology 221 or 222 (Advanced)	—	3
Home Econ. 211 (Foods)	3	—
Home Econ. 312 (Nutrition)	—	3
Sociology 201-2 (Introduction)	3	3
Electives	3	3
	16	16

Plan II

In addition to the liberal-arts nursing agreement with Grant Hospital (Plan I), Otterbein College offers a two-year program leading to the Associate in General Education degree and meeting the requirements for admission to Schools of Nursing controlled by accredited universities, such as Frances Payne Bolton School of Nursing of Western Reserve University or The Johns Hopkins School of Nursing, an integral part of Johns Hopkins University.

These professional programs require about thirty-one months.

If a student chooses one of these programs, she will receive the Associate in General Education degree from Otterbein College and the Bachelor of Science in Nursing degree from the university controlling the School of Nursing she chooses.

Both programs provide excellent education for nursing and do not differ greatly in the time required of the student or in the total cost.

Preparation for Professional Work in Psychology

The complexities of modern civilization make it increasingly necessary for a trained personnel in the various fields of psychology. Within recent years such positions as consulting psychologist, industrial psychologist, personnel worker, counselor, vocational guidance expert, and clinical psychologist have received wide recognition. As always the fields of psychological research and the teaching of psychology also offer opportunities.

Preparation for the theoretical fields of psychology should include courses in zoology, comparative vertebrate anatomy, genetics, human physiology, chemistry, physics, and mathematics. A thorough grounding in sociology and at least a minor in psychology are required.

Preparation for the various fields of applied psychology should include extensive work in psychology, sociology, and additional courses in the sciences and mathematics.

Preparation for Social Work

The field of Social Service and Social Administration offers increasing opportunities with greater diversity in types of social work each year. Now the demands are greatly accelerated and will continue to be for years to come. This is in part due to the broadening American concepts of social security. Thus there is a dearth in trained social workers.

Trained leadership in this field is becoming more highly selective. Professional schools of social work are making greater demands for high quality men and women from undergraduate schools.

Otterbein College offers courses in sociology and the other social studies which provide basic training and minimum entrance requirements for graduate schools of social work. The following is an outline which suggests a possible curriculum that will assist the student in making preparation for graduate schools of social work.

Pre-Social Service Curriculum

		Hrs. per Semester				Hrs. per Semester	
FRESHMAN YEAR		1st	2nd	SOPHOMORE YEAR		1st	2nd
English 101-2		3	3	Foreign Language		3	3
Foreign Language		4	4	Literature or Humanities		3	3
Science		4	4	Religion 201-2		3	3
History 101-2		3	3	Sociology 201-2		3	3
Speech 105		3	—	American History 201-2		3	3
Physical Ed. 101-2		1	1	Physical Ed. 201-2		1	1
		—	—			—	—
		18	15			16	16
		Hrs. per Semester				Hrs. per Semester	
JUNIOR YEAR		1st	2nd	SENIOR YEAR		1st	2nd
English History 301-2		3	3	Government 201-2		3	3
Economics 201-2		3	3	Sociology 401, 306		3	3
Sociology 303, 204		3	3	Sociology 301, 302		3	3
Sociology 305		3	—	Psychology 302, 304		—	6
Psychology 201, 222		3	3	Mathematics 131		3	—
Field Work 403-4		1	1	Electives		6	3
Electives		—	3			—	—
		—	—			—	—
		16	16			18	18

Preparation for Theology

Theological Seminaries recommend a thorough grounding in the arts and humanities. The courses required for graduation from Otterbein College would be included in their recommendations. The quality of work done in college is more important than particular courses taken.

Those students who expect to take New Testament studies in Greek in the Seminary should have two years of Greek in college. This is required by Bonebrake Theological Seminary. Neither this Seminary nor most others, however, require Greek or Hebrew exegesis.

Courses are available at Otterbein College which will meet the recommendations of various Seminaries. A student should select such courses as will meet his special needs and which will meet the recommendations of the Seminary which he expects to attend. These courses should be chosen in consultation with his adviser.

Preparation for Y.M.C.A. Service

Courses Required for Certification of Y. M. C. A. Secretaries

Since May 1, 1945, the Y.M.C.A. has required graduation from an accredited college with broad general education, including on the graduate or undergraduate level thirty semester hours of professional training in six

recommended fields as the basis for employment as a Y.M.C.A. secretary. For this purpose Religion 307, Sociology 401, Physical Education 318 are recommended as basic courses, and the following courses as suitable electives: Business Administration 203-4 and 321, Education 259, Humanities 201-2, Music 104, Philosophy 306, Physical Education 313, Psychology 204, 221 or 222, Religion 308, Sociology 202, 301, 302, 303, 305 and 403-4 and Speech 108.

A course in the history, program, and administration of the Y.M.C.A. may be secured from George Williams College and Springfield College on an accredited home-study extension basis, 3 hours, and supervised field work can be done for 3 credit hours after entering service with the Y.M.C.A.

Of the required thirty hours Otterbein College students may obtain 27 in Otterbein College, 3 by extension from the Y.M.C.A. colleges, or in service with the Y.M.C.A., and the 3 semester hours in "Principles and Methods of Occupational Education and Personal Counseling and Guidance," from most institutions which offer graduate work.

Full information about the desired qualifications and training is available from Professor J. Neely Boyer.

Applicants for positions as physical directors in Y.M.C.A. service may offer as qualifications courses in Physical Education above the minimum required.

The same is true of applicants for teaching positions in Y.M.C.A. schools in regard to education courses.

IV. Professional

Outlines of courses in professional studies in several fields leading to the four professional degrees given by Otterbein College, B.Mus., B.Mus.Ed., B.S. in Ed., and B.S. in Nursing will be found in the departmental announcements:

Business Education	see page 82
Elementary Education	see page 118
Secondary Education	see page 116
Home Economics	see page 122
Music	see page 100
Music Education	see page 109
Nursing	see page 58
Physical Education	see page 125

COURSES OF INSTRUCTION

The Divisional System

In order to secure certain administrative as well as educational advantages, Otterbein College has adopted the Divisional System for the grouping of the various departments of instruction, i.e., departments of instruction whose subject matter lies in similar fields, such as chemistry and physics, are grouped together in the same division, in this case science and mathematics. It is felt that emphasis on departments tends to create artificial distinctions, and, in extreme cases, to shut up subjects and professors alike within very narrow horizons. The divisional arrangement, on the other hand, is based on the assumption that it is desirable to preserve the threads of unity that run through education as a whole, and that awareness of this unity is most likely when the problems and opportunities of related subject areas are attacked on some common ground, though, naturally from several vantage points, by the concerted action of the faculty members concerned.

In the field of the social studies, for example, it may be said not only that political, economic, and social problems are so interwoven that an understanding of one requires some comprehension of the others, but also that prerequisite to this understanding is some knowledge of the religious and philosophical values underlying modern life.

Under the new program, retention of departments should preserve any advantages they have to offer while the divisions should provide new opportunity to free subject matter, instructors, and students alike from any limitation of departmental viewpoint by making use of the pooled knowledge and experience of all staff members in allied fields.

The following is the grouping of departments which has been adopted under this system.

The Divisions

- I. LANGUAGE AND LITERATURE—English, Foreign Languages, Speech.
- II. SCIENCE AND MATHEMATICS—Astronomy, Biology, Chemistry, Geology and Geography, Mathematics, Natural Science, Physics.
- III. SOCIAL STUDIES—Business Administration, Business Education and Economics, History and Government, Religion and Philosophy, Sociology, and Psychology.
- IV. FINE ARTS—Visual Arts, Music.
- V. PROFESSIONAL STUDIES—Air Science, Education: Secondary and Elementary, Home Economics, Physical Education, Music Education.

Explanation of Courses

In the numbering of the courses, first semester courses have odd numbers and second semester courses even numbers.

In case the subject matter of a course is offered continuously throughout the year, both the odd and even numbers are indicated, with a dash between them. The number of credit hours listed for such courses is the number secured at the end of a full year's work. However, in such courses the person in charge of instruction in the department concerned may permit entrance at midyear and may permit credit to be secured for either semester of the year's work separately.

In case the same course is offered either semester or both semesters, the word "or" separates the numbers.

The courses in the "100" group are elementary and are designed primarily for freshmen; those in the "200" group are more advanced and are for sophomores; the "300" courses are primarily for juniors and seniors; and those in the "400" group are for seniors only.

A course marked, "Offered in alternate years," will be given in 1953-1954 unless a statement to the contrary is made.

I. The Division of Language and Literature

Professor Anderson, *Chairman*

Departments: English, Foreign Languages, and Speech

ENGLISH

Faculty: Professor Anderson, Chairman; Professor Price; Assistant Professors Ray and Nelson; Instructor Thackrey.

Twenty-six hours in English (exclusive of English 101-102 and English 330), selected with the approval of the student's adviser, are required for a major in English. Basic Literature should be taken in the freshman or sophomore year as prerequisite to an English major and will count in the total of twenty-six hours. Careful planning for his entire college program and qualifying if possible for the Honors Program in the Division of Language and Literature are strongly recommended to a student taking major work in English.

Fifteen hours in English (exclusive of English 101-102 and English 330) are required for a minor in English.

Language and Composition

1 or 2. REMEDIAL ENGLISH

No Credit

Special attention to diagnosis of each student's reading difficulties, to teaching reading skills for greater speed and comprehension, to building a vocabulary adequate for communication at the college level, and to developing the new habits and understanding necessary for the many kinds of reading and writing that he must do in adult life. Open to freshmen, and a limited number of upperclass students, on the approval of the instructor.

101-102. ENGLISH COMPOSITION

6 hours

Six hours of English composition are required of all students for graduation. Six hours in composition, elementary or advanced, must be completed in class by those who wish to qualify for a certificate to teach English. Release from the requirement of six hours of composition for graduation and permission to elect another English course in the freshman year are granted to students who demonstrate proficiency by examination.

201-202. ADVANCED COMPOSITION.

6 hours

Continued practice in various forms of creative and expository writing, drawing upon the student's resources both in experience and imagination. Also the careful, intelligent use of source materials as in the research paper and the development of critical opinions. Individual conferences with the student.

205-206. JOURNALISM.

6 hours

History and place of the newspaper and magazine in the modern world. Reporting and assignment techniques with practical contact in fields of special interest. Copy-reading and head writing, newspaper makeup, study of background and opinion columns.

209. ENGLISH IN BUSINESS PRACTICE. 2 hours

Training in practical writing with emphasis on the special requirements and techniques of business correspondence and reports. Not accepted to meet requirements for an English major. Prerequisite: English 101-102.

American and World Literature

203-204. BASIC LITERATURE (HUMANITIES). 6 hours

Study of masterpieces of writing fundamental in developing the culture of the western world with emphasis upon the understanding of ideas and values, and the appreciation of literary forms in English and American literature. Required for a major in English and will meet the state minimum requirements of 3 hours of English literature and 3 hours of American literature for teachers of English in Ohio secondary schools. This course is the preferred prerequisite to the "300" courses in the department.

301-302. WESTERN WORLD LITERATURE. 6 hours

Great books taught by the discussion method. First semester: Homer, Thucydides, Socrates-Plato, Virgil, Horace, Dante, Machiavelli; second semester: Montaigne, Cervantes, Milton, Voltaire, Goethe, Tolstoy.

303-304. AMERICAN LITERATURE. 6 hours

First semester, from colonial times through Hawthorne and Melvill with special attention to major writers and literary movements; second semester, from the New England poets and Whitman to the present time.

311-312. SHAKESPEARE. 6 hours

First semester, a study of Shakespeare's achievement to 1600, chiefly in the comedies and chronicle history plays. Second semester, the development of Shakespeare's art and experience from 1600-1616 in the tragedies and dramatic romances.

317-318. ENGLISH NOVEL. 6 hours

First semester, from Richardson to Hardy. Second semester, from Hardy to the present. Either semester may be elected.

319. MILTON AND THE SEVENTEENTH CENTURY. 3 hours

Poetry and prose from Donne to Dryden, with emphasis on Milton in his epic period.

320. THE RESTORATION AND THE EIGHTEENTH CENTURY. 3 hours

A study of the English literature of the neo-classical period, 1660-1800, with special emphasis upon the great prose writers, Dryden, Addison, Steele, Mandeville, Goldsmith, Johnson, and Burke.

330. THE TEACHING OF ENGLISH. 2 hours

A course in methods for those preparing to teach English. Offered in alternate years.

- 339-340. WORLD DRAMA. *6 hours*
Development of drama from Aeschylus to the present day.
- 341-342. CONTEMPORARY BRITISH AND AMERICAN LITERATURE. *6 hours*
An introduction to significant kinds of literary activity in the present English speaking world with some attention to the parallel or contrasting developments in the other arts and other cultures of the contemporary world.
- 391-392. SPECIAL PROBLEMS IN LITERATURE. *1 to 6 hours*
Students properly qualified may arrange special research projects in limited literary areas. Reading, writing and oral reports. Open by special permission to third and fourth year students with at least 18 hours in English.

FOREIGN LANGUAGES

Faculty: Professor Mills, Acting Chairman; Professor Esselstyn;
Assistant Professors LaVelle Rosselot (on leave) and Wilson;
Instructor Brentlinger.

A major in Modern Languages may be taken in any one modern language or any combination and consists of twenty-four hours, which, however, must include at least twelve hours of courses in the "300" group in each language included in the major. A minor consisting of fifteen hours must be taken entirely in one language. Courses in European history and at least an elementary knowledge of Latin are strongly recommended to all those who major in the modern languages. A recommendation to teach a language, whether as a major or as a minor subject, cannot be given a student unless he has credit for 301-302, 315, and, in French, 309.

French, Spanish and German tables in the college dining rooms conducted, upon sufficient demand, by a member of the teaching staff offer the chance for additional oral practice.

French

- 101-102. ELEMENTARY FRENCH. *8 hours*
This course aims to give the student a good working basis. The fundamental principles of French grammar, supplemented with continual practice in oral work, form the major part of the course. Laboratory fee \$1.00 a semester.
- 201-202. INTERMEDIATE ORAL FRENCH. *6 hours*
This course continues to stress composition and oral work without, however, slighting reading. It is a prerequisite for all more advanced courses in French. Two hours recitation and two hours laboratory. Laboratory fee \$1.00 a semester. Permission of the instructor is required for admission to this course.
- 203-204. SECOND YEAR READING FRENCH. *6 hours*
This is a course designed for those students who want only a reading knowledge of the language. Those taking this course cannot go from it to more advanced work in French, except French 311-312, and it does not count toward

a major nor toward a teaching field for students in Education. Open to those who have completed one year of college or two years of high school work in French.

301-302. ADVANCED FRENCH. 6 hours

This course is intended to perfect the student's pronunciation, increase his ability to express himself in French, give him further work in grammatical forms, and permit him to do more advanced reading than is done in course 201-202. Open to those who have had 201-202 or who have had more than two years of high school French with high marks. Laboratory fee \$1.00 a semester.

303-304. FRENCH LITERATURE AND CULTURE TO 1789. 6 hours

Reading, lectures and reports on this important period of French culture and life beginning with the early years and extending to the French Revolution. Offered in alternate years.

305-306. FRENCH LITERATURE AND CULTURE FROM 1789 TO THE PRESENT. 6 hours

A study of the great movements of the nineteenth and twentieth centuries in the fields of literature, art and ideas, covering the romantic, realistic, and modern periods. Offered in alternate years. Not offered in 1953-1954.

307-308. MASTERS OF FRENCH LITERATURE. 6 hours

A general course dealing with the greatest writers of France: Racine, Moliere, Voltaire, Rousseau, Hugo and Balzac. Reading, lectures and reports. Offered on sufficient demand. Not offered in 1953-1954.

309-310. FRENCH PRONUNCIATION AND DICTION. 2 hours

A laboratory course in French speech and phonetics designed for advanced students who wish to perfect their pronunciation. Offered for majors in the department, or for other students with the permission of the instructor. Required for a departmental recommendation to teach French. Two periods a week. Laboratory fee \$1.00 a semester.

311-312. ADVANCED FRENCH READING. 4 hours

An advanced reading course. No oral or composition work in French will be required. Prerequisite: French 201-202, or French 203-204. If needed, the material may be Scientific French. In this case the prerequisite is only French 101-102, but the student should be doing advanced work in his scientific field. Offered in alternate years. Not offered in 1953-1954.

313. MODERN FRENCH GRAMMAR. 2 or 3 hours

A careful study of French grammar and practice in composition. Offered on sufficient demand.

319-320. ADVANCED FRENCH CONVERSATION AND COMPOSITION. 6 hours
Offered on sufficient demand.

German

A major in German is offered only on sufficient demand.

101-102. ELEMENTARY GERMAN. 8 hours

The aim of this course is to give the student a knowledge of grammatical forms and a training in reading and oral work. Offered in alternate years. Laboratory fee \$1.00 a semester.

201-202. INTERMEDIATE GERMAN. *6 to 8 hours*

A continuation of the work of the first year with more advanced material. Offered in alternate years. Not offered in 1953-1954.

205-206. CHEMICAL GERMAN. *6 hours*

This course is designed to enable students to read intelligently German chemical literature. Prerequisite: German 101-102 or its equivalent and Chemistry 101-102 or its equivalent. Offered in alternate years.

301-302. ADVANCED GERMAN. *6 hours*

The purpose of this course is to give the student practice in writing and speaking German. Prerequisite: two years of college German, or its equivalent. Offered on sufficient demand.

303-304. SURVEY OF GERMAN LITERATURE. *6 hours*

An introduction to the study of German literature. Offered on sufficient demand.

Greek

101-102. NEW TESTAMENT GREEK FOR BEGINNERS. *6 hours*

Fundamentals of grammar through intensive reading and writing are stressed. Laboratory fee \$1.00 a semester. Offered in alternate years. Not offered in 1953-1954.

201-202. NEW TESTAMENT READING COURSE. *6 hours*

One of the gospels, the Acts of the Apostles, and other readings based on the needs of the class will be read. Laboratory fee \$1.00 a semester. Offered in alternate years.

Latin

101-102. ELEMENTARY LATIN. *6 hours*

Inflection, syntax, derivatives, and selected readings. Offered on sufficient demand.

201-202. SELECTIONS FROM CAESAR, CICERO, AND VIRGIL. *6 hours*

A thorough review of grammar. Designed for students who have had 101-102 or who enter college with two or more years of preparation in Latin. Offered on sufficient demand.

Spanish

101-102. ELEMENTARY SPANISH. *8 hours*

A careful study of the grammar and the reading of easy texts. Oral work is emphasized, but the student is taught to read and write as soon as possible. Laboratory fee \$1.00 a semester.

201-202. INTERMEDIATE ORAL SPANISH. *6 hours*

This course continues to stress composition and oral work without, however, slighting reading. It is prerequisite for all more advanced courses in Spanish. Permission of the instructor is required for admission to this course. Laboratory fee \$1.00 a semester.

203-204. SECOND YEAR READING SPANISH. *6 hours*

This is a course designed for those students who want only a reading knowledge of the language. Those taking this course cannot go from it to more advanced work in Spanish, except Spanish 311-312, and it does not count toward a major nor toward a teaching field for students in Education. Open to those who have completed one year of college or two years of high school work in Spanish.

301-302. ADVANCED SPANISH. *6 hours*

This course is intended to perfect pronunciation, increase the student's ability to express himself in Spanish, give him further work in grammatical forms and permit him to do more advanced reading than is done in course 201-202. Laboratory fee \$1.00 a semester.

303-304. EARLY SPANISH LITERATURE. *6 hours*

A survey of the literature of Old Spain with emphasis on the works and authors of the seventeenth and eighteenth centuries. Offered in alternate years.

305-306. LATER SPANISH LITERATURE. *6 hours*

A survey of the works of the nineteenth and twentieth centuries with an introduction to the literature of the New World. Offered on sufficient demand.

311-312. ADVANCED SPANISH READING. *4 hours*

An advanced reading course. No oral or composition work in Spanish will be required, Prerequisite: Spanish 201-202, or Spanish 203-204. Offered on sufficient demand.

All Modern Languages

251-252 or 351-352. FOREIGN STUDY. *1 to 6 hours*

Open to students who wish to continue their study of a language in the foreign country and who have completed one year or more of work in the language in college. Their plans for definite study must be presented in advance and must be approved by the Foreign Language Department. The students must make weekly reports during their residence in the foreign country and must pass an examination upon their return.

315. THE TEACHING OF LANGUAGE. *3 hours*

A study of the methods now in use for teaching of the modern languages. For those who are to teach any of the modern languages. Credit as special methods in education. Offered in alternate years.

317 or 318. FOREIGN LANGUAGE WORKSHOP. *1 or 2 hours*

A study of the life and manner of thinking of the foreign peoples, including modern life as well as folk ways. In addition to this general culture value, the course offers practical laboratory experience for prospective teachers. Open to students in 202 courses in foreign languages, to those in 300 courses, and to those taking work at the language tables.

391-392. SPECIAL PROBLEMS. *1 to 6 hours*

Hours to be arranged.

SPEECH

Faculty: Assistant Professor Grissinger, Acting Chairman; Instructor Chase.

A major in Speech or in Theatre consists of twenty-four hours in courses in this department chosen under the direction of the speech faculty.

A minor in Speech or in Theatre consists of fifteen hours of selected Speech courses.

Certain courses in allied fields may, at the discretion of the adviser, count toward the Speech major or minor. These courses are English 339 or 340, and 311 or 312; Visual Arts 121 or 122.

Public Address

105 or 106. PRACTICAL SPEECH.

3 hours

A course in informative, persuasive, and entertaining public speaking. Intensive practice as guided by a study of the fundamentals of good speaking. Time is reserved for commendation and criticism by the instructor and the class audience. Special attention is given to those speaking situations likely to confront the student in real life. Laboratory fee \$1.00.

107 or 108. GROUP DISCUSSION.

3 hours

A course in the principles and practice of committee-type speaking. Extensive experience in informal discussion, participation and leadership. The fundamentals of parliamentary law are considered. Prerequisite: Speech 105 or 106 or permission of the instructor. Laboratory fee \$1.00.

202. ADVANCED SPEECH.

3 hours

Practice in advanced public speaking guided by text principles and criticism by the class audience and the instructor. Specific speaking situations are assumed; considerable attention is given to the finer points of speech content and delivery. Prerequisite: Speech 105 or 106. Laboratory fee \$1.00.

203-204. FRESHMAN-SOPHOMORE DEBATE SEMINAR.

1 or 2 hours

Open to beginning debaters and to those preparing for the annual "Freshman-Sophomore Debate." Essentially an activity course. Laboratory fee \$1.00 a semester.

307-308. VARSITY DEBATE SEMINAR.

2 or 4 hours

Open to those with previous debate experience who wish to represent Otterbein in intercollegiate forensics. Practice debates of various types are held among the members of the seminar; there is an extensive program of intramural and state contest debating. Essentially an activity course. Laboratory fee \$2.00 a semester.

309-310. ORATORY SEMINAR.

1 or 2 hours

For students interested in the Russell or State Oratory Contests. Essentially an activity course. Laboratory fee \$1.00 a semester.

Theatre

301. ACTING.

3 hours

Study and practice of elementary techniques of acting. The importance of voice, posture, gesture, and movement in theatrical expressiveness. Opportunity is afforded to perform scenes before student audiences. Laboratory fee \$1.00.

302. STAGE DIRECTING.

3 hours

Lecture-laboratory course covering aesthetic distance, unity, emphasis, rhythm, tempo, balance, stage business, and interpretation of lines. The director's problems are considered and class members will direct short scenes. Prerequisite: Speech 301 or permission of the instructor. Laboratory fee \$1.00.

311 or 312. STAGECRAFT. 3 hours

What goes on backstage in producing a play. Scenery, lighting, staging, costuming, make-up and other problems of the producer are considered. Some lecture but principally a laboratory course. Laboratory fee \$1.00.

314. MAKE-UP. 1 hour

A lecture-laboratory course stressing the fundamentals of theatrical make-up. Prerequisite: permission of the instructor. Laboratory fee \$3.00. Not offered 1953-1954.

Shakespeare. 6 hours

See course 311-312 in the Department of English.

World Drama. 6 hours

See course 339-340 in the Department of English.

Design. 2 hours

See course 121 or 122 in the Department of Visual Arts.

Interpretation

201. INTERPRETATIVE READING. 3 hours

An appreciation is gained and a power developed by studying and reading aloud selections from literature. Short programs are given by the student before class audiences and the entire class produces regular radio programs over the college radio station. Prerequisite: Speech 105 or 106. Laboratory fee \$1.00.

Radio

305. RADIO SPEECH. 3 hours

An introductory non-professional course in the field of radio broadcasting. An historical survey of radio and its present and future possibilities. The technical fundamentals of radio are considered as are specific program types. Analyses are made of commercial and student-produced radio programs. The facilities of the college radio station, WOBC, are utilized. A special study is made of television. Prerequisite: six hours of speech or special permission of the instructor. Laboratory fee \$2.00.

306. RADIO WRITING AND PRODUCTION. 3 hours

An introductory course to familiarize the student with the various forms of radio writing: news, drama, feature, interviews, variety, and others. Students are given the opportunity to present shows they have written over the college radio station, WOBC. Prerequisite: Speech 305. Laboratory fee \$2.00.

Speech Science and Education

304. SPEECH CORRECTION. 3 hours

A survey of the causes and correction of speech defects, coupled with a study of the structure and functions of various parts of the vocal mechanism. Laboratory fee \$2.00. Offered in alternate years.

320. THE TEACHING OF SPEECH 3 hours

A course in methods for those preparing to teach speech. Laboratory fee \$1.00. Not offered 1953-1954.

II. The Division of Science and Mathematics

Professor Michael, *Chairman*

Departments: Astronomy, Biology, Chemistry, Geology and Geography,
Mathematics, Natural Science, Physics.

COMPREHENSIVE SCIENCE MAJOR

A Comprehensive Science Major may be taken by completing the following:

(a) Basic Pattern

Biology 101-2 or 103-4	8	hours
Chemistry 101-2 or 103-4	8	hours
Mathematics 109-10 or 121-22	6 or 10	hours
Physics 201-2	8	hours

Total 30 or 34 hours

(b) Option of an advanced course in one of the
four Science departments in addition to the basic pattern 8 to 10 hours

Total in the Division of Science and Mathematics 38 to 44 hours

ASTRONOMY

Faculty: Professor McCloy

202. DESCRIPTIVE ASTRONOMY. 3 hours

This course is introductory and non-mathematical. Second semester only.

203. OBSERVATIONAL ASTRONOMY. 1 to 2 hours

Prerequisite: Trigonometry. Two to four hours a week devoted to the taking of measurements and their reduction. To be given as demand arises.

BIOLOGY

Faculty: Professor Hanawalt, Chairman;

Associate Professor Botts; Assistant Professor Woodward.

The combination of courses which may be offered as a major in biology depends upon the line of professional work for which a student is preparing and must be chosen in conference with the student's adviser. Geology is offered as a part of a thirty-two hour major, but will not be accepted as a part of a twenty-four major in biology.

A minor shall consist of fifteen hours chosen in consultation with the adviser.

101-102. GENERAL BOTANY. 8 hours

A general survey of the plant kingdom emphasizing the economic aspects of the subject. Two lectures, three laboratory hours, and an average of one to two hours of library or field work each week. Laboratory fee \$5.00 a semester.

103-104. GENERAL ZOOLOGY. 8 hours

This course begins with the history of zoology and some of the problems

associated with life. The animals are studied in an ascending order to man, concentrating upon a few of the most important forms and upon the essential principles of the subject. Two recitations and four hours of laboratory work each week. Laboratory fee \$5.00 a semester.

108. ORNITHOLOGY. 3 hours

Study of birds and bird life. Thirty or more lectures, recitations and frequent reports on assigned topics. Nest building and home life will be investigated in the field. Two lectures, four to six hours in library, laboratory and field. Laboratory fee \$2.00.

201-202. COMPARATIVE VERTEBRATE ANATOMY. 8 hours

A comparative study of the anatomy of chordates, including dissection of Amphioxus and other simple chordates, dissection of shark and necturus and foetal pig together with a thorough review of the anatomy of the vertebrates, studied in Biology 104, with special reference to comparative development. The second semester is devoted to mammalian anatomy based chiefly upon the anatomy of the cat. Laboratory fee \$10.00 a semester.

221-222. ANATOMY AND PHYSIOLOGY. 6 hours

This course is designed primarily for those students who have had a minimum of previous work in the basic sciences of physics, chemistry, and zoology. Special stress is laid upon those phases which bear directly on muscular activity, the maintenance of health, and general metabolism. The course embraces two lecture periods and one three-hour laboratory period each week. Laboratory fee \$5.00 a semester.

232. TERMINOLOGY. 1 hour

This course embodies primarily a study of the scientific vocabulary of the various biological sciences with special reference to the origin and root meanings of technical words encountered. Prerequisite: one year of biology.

301. GENERAL EMBRYOLOGY. 4 hours

Includes karyokinesis and the early development of amphibians, reptiles and birds; the germ cells and the processes of differentiation, heredity, and sex determination. The subject matter is approached from the standpoints of general biological relations. Two lectures and four laboratory hours each week. Prerequisite: Biology 103-104. Laboratory fee \$5.00.

302. HISTOLOGY. 4 hours

A microscopic study of tissues and organs selected from representative vertebrates, with particular reference to the mammal. Three lectures and one laboratory period a week. Prerequisite: one year of Zoology, Comparative Anatomy, Embryology. Laboratory fee \$5.00.

304. MICROSCOPIC TECHNIQUE. 3 hours

The preparation of animal and plant material for microscopical examination. One lecture and one laboratory period a week. Prerequisite: one year of Zoology or Botany. Laboratory fee \$10.00.

305. GENERAL BACTERIOLOGY. 4 hours

A general course giving instruction in the preparation of culture media, principles of sterilization and disinfection, methods of cultivating, staining and

studying bacteria. Chemical activities of bacteria with special reference to those affecting foods, and the relations of bacteria and other micro-organisms to health. Two lectures and four to six laboratory hours each week. Prerequisite: one year of biology. Laboratory fee \$5.00.

306. ADVANCED BACTERIOLOGY.

4 hours

A biological examination is made of air, water, foods, and soil. Special attention to milk and some of its products. Isolation of bacteria in pure culture from their natural habitat. Specific study of a few of the more common pathogenic organisms. One lecture, one quiz, and four to six laboratory hours each week. Prerequisite: Biology 305. Laboratory fee \$5.00.

316. GENETICS.

3 or 4 hours

A study of the general principles of heredity. Types are chosen from both plant and animal material. Heredity characters found in man are given much consideration. Prerequisite: one year of biology. Laboratory fee \$2.00.

321-322. HUMAN PHYSIOLOGY.

6 hours

An introduction to the general principles of physiology and a consideration of their application to the human body. Sufficient attention is given to anatomy and histology to lay a foundation for the study of the properties and hygiene of tissues and organs. Certain advanced problems receive special attention. Two lectures and three laboratory hours each week. Prerequisite: one year of biology. Laboratory fee \$5.00 a semester.

349. SPECIAL METHODS.

2 hours

The teaching of the biological sciences in secondary schools is studied by means of lectures, library references, and laboratory work. Special attention is given to the place of laboratory instruction in secondary education, the organization of courses and equipment.

401 or 402. MINOR PROBLEMS AND RESEARCH. *Credits to be arranged.*

Students properly qualified may undertake special problems in any field within the department, provided arrangements for such work are made with one of the instructors well in advance of the opening of the semester. This work may also include training in the development of scientific vocabulary, terminology, and the practical application of scientific principles. Deposits and fees dependent on the work undertaken.

CHEMISTRY

Faculty: Professor Michael, Chairman; Professor Esselstyn;

Assistant Professor Crane.

A student choosing chemistry as a major will be required to complete courses in General Chemistry, Analytical Chemistry, and Organic Chemistry; other courses in Chemistry together with courses in Mathematics, Physics or Biology may be required as the needs of the student indicate.

A minor shall consist of fifteen hours.

101-102. GENERAL CHEMISTRY.

8 hours

For students who do not present high school chemistry for entrance. Not

open to juniors and seniors. A thorough course in the fundamentals of chemistry laying the foundation for the future work of those who intend to follow chemistry as a profession and those who will use it in medicine, home economics, engineering, etc. Elementary qualitative analysis is included in the second semester. Three recitations and two afternoons in the laboratory each week. Laboratory fee \$7.50 a semester. Deposit \$5.00 for the course.

103-104. GENERAL CHEMISTRY.

8 hours

For students who have had high school chemistry. Content of this course is similar to 101-102 and includes qualitative analysis in the second semester. Two recitations and two laboratory periods each week. Laboratory fee, \$7.50 a semester. Deposit \$5.00 for the course.

201-202. QUANTITATIVE ANALYSIS.

8 hours

An effort is made to give the student a foundation in the principles of chemical analysis, to provide practice in analytical procedures and calculations, and to develop a long range view of the nature and application of analytical methods. Prerequisite: Chemistry 101-102 or 103-104. Nine to twelve hours in laboratory and one lecture a week. Laboratory fee, \$10.00 a semester. Deposit \$10.00 for the course.

205. ORGANIC CHEMISTRY FOR HOME ECONOMICS STUDENTS.

4 hours

A short course in the fundamentals of organic chemistry. Three lectures and one laboratory period. Prerequisite: Chemistry 101-102 or 103-104. Laboratory fee \$7.50. Deposit \$5.00.

206. PHYSIOLOGICAL CHEMISTRY FOR HOME ECONOMICS STUDENTS.

4 hours

A brief course in fundamentals. Three lectures and one laboratory period. Laboratory fee \$7.50. Deposit \$5.00.

207-208. ADVANCED INORGANIC CHEMISTRY.

4 hours

An advanced course with emphasis on typical classes of inorganic compounds. Prerequisite: Chemistry 101-102 or 103-104. Offered in alternate years.

209-210. INORGANIC PREPARATIONS.

4 hours

Methods employed in the preparation of pure inorganic compounds. The course consists of the laboratory preparation of a number of examples of the chief classes of such compounds sufficient to develop reasonable technique in applying the methods and to illustrate the classes. Prerequisite: Chemistry 101-102 or 103-104. Laboratory fee \$7.50 a semester. Deposit \$5.00 for the course. Offered in alternate years.

301-302. ORGANIC CHEMISTRY.

10 hours

A course in the structure, preparation, chemical behavior, and industrial applications of the chief classes of organic compounds. The laboratory practice stresses the technique and methods used in the preparation of the compounds of carbon. Three lectures and two laboratory periods a week. Prerequisite: Chemistry 101-102 or 103-104. Laboratory fee \$10.00 a semester. Deposit \$10.00 for the course.

303. ORGANIC QUALITATIVE ANALYSIS. 2 hours

The separation and identification of organic compounds. Prerequisite: Chemistry 301-302. (May be elected only with the permission of the instructor.) Laboratory fee \$7.50. Deposit \$5.00. Offered in alternate years.

304. ORGANIC QUANTITATIVE ANALYSIS. 2 hours

Standard methods for the estimation of carbon, hydrogen, nitrogen, sulfur, and the halogens in organic compounds. Prerequisites: Chemistry 201-202 and 301-302. Laboratory fee \$7.50. Deposit \$5.00. Offered in alternate years.

305. METHODS IN TEACHING CHEMISTRY. 2 hours

This course is designed to supplement the work of the Department of Education by presenting problems peculiar to the teaching of chemistry.

306. COLLOIDS. 2 hours

A lecture course dealing with the fundamental concepts and problems involved in the chemistry of the colloidal state. Prerequisites: Chemistry 201-202 and 301-302. Offered in alternate years.

307. CHEMICAL CALCULATIONS. 2 hours

A course in the mathematics of chemistry. Carefully selected problems will be used to emphasize the exactness of the science and to give the student practice in the use of mathematics as a tool. Offered in alternate years.

309-310. PHYSICAL CHEMISTRY. 10 hours

An introductory course in Physical Chemistry. The physical properties of gases, liquids, and solids, and the relation of these properties to molecular constitution, conductivity, radioactivity, etc. Students not presenting a major in chemistry may register for the lecture work only. Prerequisite: Chemistry 201-202 and 301-302 or 301-302 may be taken collaterally. Laboratory fee \$7.50 a semester. Deposit \$5.00 for the course.

401-402. MINOR PROBLEMS IN CHEMICAL RESEARCH. 2 or more hours

A course designed to familiarize the advanced student with the tools and technique of chemical research. (May be elected only with permission of the instructor.) Fees to be arranged. Conference, library, and laboratory work.

GEOLOGY AND GEOGRAPHY

Faculty: Professor Hanawalt, Chairman; Assistant Professor Crane;
Instructor Probasco.

101. THE PRINCIPLES OF GEOGRAPHY. 3 hours

The earth and its planetary relations, maps and their interpretation; elements of the natural environment, particularly in relation to life; cultural elements of the landscape and geographic realms. Two lectures and one laboratory or field excursion weekly. Laboratory fee \$2.00.

204. METEOROLOGY. 3 hours

Elements and types of climate. Elements of the weather and weather forecasting. Special attention is given to local conditions and to the study of daily weather maps. Two lectures and one laboratory exercise weekly. Laboratory fee \$2.00.

206. ECONOMIC GEOGRAPHY.

3 hours

Geographical influence in the development of civilization. The geography of the world's commodities. A survey of the economic activities of the different peoples of the world in the light of their geographic conditions. Two lectures and one laboratory exercise weekly. Laboratory Fee \$2.00.

207-208. GENERAL GEOLOGY.

8 hours

The elements of the science, covering its main subdivisions: physical and historical. The materials of the earth, their structural features, the forces operating upon them, and the result. The second semester is given chiefly to a consideration of the history of the earth, tracing its changes and the progress of life from the earliest time to the present. The laboratory work deals with rocks, rock-forming materials, fossils, type sections, and maps. Three lectures and two hours of laboratory work each week. Occasional field excursions are included. Prerequisite: one year of biology and chemistry equal at least to a high school course. Laboratory fee \$2.00 a semester. Offered in alternate years.

MATHEMATICS

Faculty: Professor Bamforth, Chairman; Professor McCloy;
Assistant Professor Bailey.

A major in mathematics consists of not less than twenty-eight semester hours selected with the approval of the student's adviser and must include at least six hours in the 300 courses.

A minor shall consist of 15 hours, including at least 5 hours of Calculus. Pre-engineering students should register for Mathematics 121-122.

Mathematics 101, 130, 131 and 132 may not be used to fulfill any requirement in mathematics in the Division of Science and Mathematics.

Mathematics 101 is strongly recommended for all entering students who show marked deficiency in the placement test in mathematics, and is required of such of these students who expect to take any of Mathematics 109, 121, 130, 131 or 132.

A non-credit course in high school algebra is offered in the first semester to meet the needs of those students who enter college with a deficiency in this subject.

A student who enters Otterbein without high school plane geometry must take one of the following: Mathematics 102, 109, or 130.

101. BASIC MATHEMATICS.

3 hours

This course is designed to meet the needs of those students who show marked deficiency in the placement test in mathematics.

102. ELEMENTARY PLANE GEOMETRY.

3 hours

This course is not open to students who have credit for high school plane geometry.

104. SOLID GEOMETRY.

3 hours

Prerequisites: Algebra, 1 unit; Plane Geometry, 1 unit. Topics: lines, planes, angles, prisms, cylinders, pyramids, cones, and spheres.

- 109-110. ALGEBRA AND TRIGONOMETRY. *6 hours*
Prerequisites: for Mathematics 109, Elementary Algebra, 1 unit; for Mathematics 110, course 109 and Plane Geometry. Not open to those who have had Mathematics 121-122. Selected topics from college algebra and trigonometry. Students who take these courses and wish to take Mathematics 211-212 must take Mathematics 122 with four hours credit before entering Mathematics 211.
- 121-122. ALGEBRA, TRIGONOMETRY, AND ANALYTIC GEOMETRY. *10 hours*
Prerequisites: Elementary Algebra, 1 unit; Plain Geometry, 1 unit; Solid Geometry, $\frac{1}{2}$ unit or 104 which may be taken concurrently. Permission of instructor required if course 109-110 has been taken.
130. BUSINESS MATHEMATICS. *3 hours*
Prerequisite: Elementary Algebra, 1 unit. Topics: interest; annuities; amortization, and sinking funds; bonds; depreciation; building and loan funds; insurance.
- 131 or 132. AN INTRODUCTION TO ELEMENTARY STATISTICS. *3 hours*
Prerequisite: Elementary Algebra, 1 unit. This course is intended to enable students who have only a slight amount of mathematical training to read statistical tables and graphs and gain some appreciation of the nature and importance of statistics in our complex society. Topics: uses and abuses of statistics, frequency and time distributions, central tendency, dispersion trends, correlation and regression.
134. ELEMENTARY STATISTICS. *3 hours*
Prerequisite: course 109-110 or 121-122. Topics: a more mathematical treatment of the topics presented in course 131 or 132 and their extension, including curve fitting, analysis of time series, index numbers, reliability, and significance of statistical measures.
- 141-142. SURVEYING. *4 hours*
Prerequisite: Trigonometry. Training in the adjustment, use and care of the different instruments, field practice, keeping of notes, plotting and computation. One recitation a week. One period of two hours field work. Offered in alternate years.
- 151-152. ENGINEERING DRAWING. *6 hours*
Instruction in the correct use of drawing instruments and materials. Drawing in orthographic, isometric, oblique, and perspective projection. Practice in lettering and in freehand sketching. Tracing in ink and in pencil.
- 161-162. DESCRIPTIVE GEOMETRY. *4 hours*
Prerequisite: Mechanical Drawing. This involves traces of planes and other geometric figures, their intersections and developments. One class hour and a two-hour laboratory period a week.
- 211-212. ELEMENTARY CALCULUS, DIFFERENTIAL AND INTEGRAL. *10 hours*
Prerequisite: course 121-122.
- 223-224. ANALYTIC GEOMETRY, PLANE AND SOLID. *6 hours*
Prerequisite: course 121-122.

301. METHODS.	3 hours
Prerequisite: one of the 200 courses. Problems and technique of secondary mathematics.	
302. ALGEBRA.	3 hours
Prerequisite: Mathematics 212.	
313-314. ADVANCED CALCULUS.	6 hours
Prerequisite: Mathematics 212.	
315 or 316. DIFFERENTIAL EQUATIONS.	3 hours
Prerequisite: Mathematics 212.	
317 or 318. VECTOR ANALYSIS.	3 hours
Prerequisite: Mathematics 313.	
319 or 320. COMPLEX VARIABLE.	3 hours
Prerequisite: Mathematics 313.	
321 or 322. DETERMINANTS AND MATRICES.	3 hours
Prerequisite: Mathematics 212.	

NATURAL SCIENCE

Faculty: Assistant Professor Woodward.

101-102. FUNDAMENTALS OF NATURAL SCIENCE.	8 hours
A systematic study of the earth, its structural features, and the forces operating upon them. Time is given to a study of the astronomical relations of the earth and other celestial bodies to enable the student to place our planet in proper perspective with the great physical universe of which it is a part. Attention is given to the development of life and the processes, both physical and chemical, which are taking place in the inorganic as well as the organic world. The meaning of science and the scientific method of study is emphasized throughout the course and the fundamental laws underlying all branches of natural science are given due consideration. Laboratory fee \$5.00 a semester.	

PHYSICS

Faculty: Professor McCloy, Chairman.

A major in this department shall consist of twenty-four hours in the field of physics. A minor shall consist of fifteen hours.

201-202. GENERAL PHYSICS.	8 hours
Three recitations a week and two hours of laboratory work. Covers the usual field of college physics. Laboratory fee \$2.50 a semester.	
203-204. GENERAL PHYSICS: PRE-ENGINEERING.	10 hours
Covers the usual field of college physics but with special emphasis on mathematical concepts and engineering applications. Recommended for physics	

majors. Four recitations a week and two hours of laboratory work. It is recommended that calculus be taken concurrently. Laboratory fee \$2.50 a semester.

301. ELECTRICITY. *4 hours*

Electrical measurements form the basis of this course. Three recitations and two laboratory hours per week. Prerequisite: General Physics. Calculus is a prerequisite or may be taken concurrently. Laboratory fee \$2.50 a semester. Offered in alternate years.

302. LIGHT. *4 hours*

This course is intended for students who wish to obtain a comprehensive knowledge of geometrical and physical optics. Three recitations and two laboratory hours per week. Prerequisite: General Physics. Laboratory fee \$2.50 a semester. Offered in alternate years.

303. THEORETICAL MECHANICS. *4 hours*

An advanced course which is intended to supplement the mechanics as offered in General Physics. Prerequisite: General Physics. Calculus is a prerequisite or may be taken concurrently. Three recitations and two laboratory hours a week. Laboratory fee \$2.50 a semester. Offered in alternate years.

304. ADVANCED HEAT. *4 hours*

A course intended to supplement the work offered in General Physics. Prerequisites: General Physics and at least one year of Mathematics including Calculus. Three recitations and two laboratory hours per week. Laboratory fee \$2.50 a semester. Offered in alternate years.

311-312. RADIO ELECTRONICS. *6 hours*

A course in the fundamentals of radio consisting of two recitations and two laboratory hours per week. Laboratory fee \$2.50 a semester. Offered in alternate years.

313. METHODS. *2 hours*

Methods of teaching Physics in secondary schools.

401-402. ADVANCED LABORATORY PHYSICS. *2 to 4 hours*

Prerequisite: General Physics. Laboratory fee \$2.50 a semester.

III. The Division of Social Studies

Professor Boyer, *Chairman*

Departments: Economics, Business Administration, and Business Education, History and Government, Religion and Philosophy, Sociology and Psychology.

Comprehensive Major in Social Studies.

A major in the general field of social studies shall consist of a minimum of 33 hours, which must include Economics 201-202, Sociology 201-202, History 203-204 or History 201-202, Government 201-202 as required courses. An additional nine hours exclusive of graduation requirements must be selected from the following subjects: History, Economics, Government, Sociology, Philosophy, Psychology, or Religion. For prospective teachers, Principles of Geography is required.

ECONOMICS, BUSINESS ADMINISTRATION AND BUSINESS EDUCATION

Faculty: Professor Scott, Chairman; Instructor Hogue and Crossley.

A major or minor in Business Education is offered to students interested in preparing to teach Business Education subjects as outlined below. This outline follows the State of Ohio requirements for teachers in this field. It is advisable, however, that the following courses be included in the program of all such students: Econ. 201-2 and Bus. Ad. 301-2.

BUSINESS EDUCATION CURRICULUM — B.S. IN ED. DEGREE

FRESHMAN YEAR		Sem. Hours	SOPHOMORE YEAR		Sem. Hours
English Composition	6	6	Religion	6	6
Physical or Biological Science ..	6	6	Practical Speech	3	3
Social Studies	6	6	Educational Psychology	3	3
Introduction to Education	3	3	School Administration	3	3
General Psychology	3	3	Physical Education	2	2
Physical Education	2	2	Teaching Field	12	12
Major Teaching Field	6	6	Electives	3	3
		32			32
JUNIOR YEAR		Sem. Hours	SENIOR YEAR		Sem. Hours
English (or Humanities)	6	6	Principles and Techniques of Classroom Teaching	4	4
Special Methods	3	3	Student Teaching	4	4
Teaching Field	18	18	Teaching Field	18	18
Electives	6	6	Electives	6	6
		33			32

MAJOR. The Major Teaching Field designated in the above sequence of courses must include a minimum of forty-five hours well distributed over these areas: *Stenography-Typing*—Shorthand, Typing, Office Practice, Business

English and Correspondence, Methods in Shorthand and Typing; *Bookkeeping-Social Business*—Accounting, Business Law, Economic Geography, Economics, Business Organization; *Salesmanship-Merchandising*—Marketing Principles, Salesmanship, Advertising, Retailing, Merchandising. Minima—Typing, 3 semester hours; Shorthand, 6 semester hours; Bookkeeping and Accounting, 6 semester hours; Methods, 2 semester hours.

MINOR. Students desiring to minor in Business Education should select one of the following fields—Stenography-Typing, Bookkeeping-Social Business, or Salesmanship-Merchandising. In each field twenty semester hours of work are required for the minor.

Stenography-Typing: Shorthand, 9 hours; Typing, 3 hours; Methods, 2 hours; Secretarial Practice, 3 hours; Business English, 3 hours.

Bookkeeping-Social Business: Bookkeeping and Accounting, 9 hours; and the remaining hours in Business Law, Economic Geography, Economics, and Business Organization.

Salesmanship-Merchandising: Marketing Principles, 3 hours; Salesmanship, 3 hours; and the remaining hours in Advertising, Retailing, Merchandising, and Economic Geography.

OTHER OPTIONS. The State Department of Education will certify students, qualified in other fields, to teach Typing if they have earned five hours in Typing and Methods courses, or to teach Bookkeeping if they have earned nine hours in Bookkeeping and Accounting and Methods.

The Department also offers work in Business Education to Juniors and Seniors who desire such courses. The credit earned in these courses may be counted as credit toward a degree. In order to prevent over-specialization, majors in Business Administration who elect to take courses in Business Education will not be permitted more than 45 hours of work in the fields of Business Education and Business Administration. Credits earned in Business Education may be used as electives only. These credits may not be counted, however, as a minor field of study unless the student is working toward the degree of B.S. in Education.

A two-year program in Business Education is offered for those interested in the degree of Associate in General Education. Detailed information concerning this program is outlined on page 48.

Requirements for majors in Business Administration—30 hours of work which must include: Bus. Ad. 203-4; Bus. Ad. 301-2; Econ. 201-2; Math. 131 or 132; plus 9 additional hours selected from any program offered in Business Administration.

Requirements for minors in Business Administration—15 hours which must include: Bus. Ad. 203-4; plus 9 additional hours selected from any program offered in Business Administration.

Requirements for majors in Economics—24 hours which must include: Econ. 201-2; Econ. 303-4; Math. 131 or 132; and 9 additional hours selected from courses offered in the field of Economics.

Requirements for minors in Economics—15 hours which must include:

Econ. 201-2; plus 9 hours selected from courses offered in the field of Economics.
 Courses marked (*) will not be offered in 1953-1954.

BUSINESS EDUCATION

99. ELEMENTARY TYPEWRITING. *No Credit*
 A course for students who have had no previous instruction in typewriting. One period three days a week. Laboratory fee \$4.00.
100. ADVANCED TYPEWRITING. *3 hours*
 The development of skill in typewriting. One period four days a week. The attainment of a minimum skill of 50 words a minute is required for credit. Prerequisite: Bus. Ed. 99 or demonstration of proficiency in fundamentals of typewriting. Laboratory fee \$4.00.
- 105-106. ELEMENTARY SHORTHAND. *6 hours*
 A beginning course in Gregg Shorthand for students who are planning to teach or do secretarial work. One period three days a week. Prerequisite: Bus. Ed. 99 or demonstration of proficiency in typewriting. If a student has not had a course in Typewriting, Bus. Ed. 99 must be taken concurrently with this course. Laboratory fee \$1.00 a semester.
- 203-204. PRINCIPLES OF ACCOUNTING. *6 hours*
 See Bus. Ad. 203-204.
- 205-206. ADVANCED SHORTHAND AND TRANSCRIPTION. *6 hours*
 An advanced course stressing the improvement of a shorthand vocabulary and the development of speed in taking dictation. Transcription of shorthand notes is practiced with emphasis on mailable copy. A skill of 120 words a minute is required to obtain credit at the completion of the course. Two periods three days a week. Prerequisite: Bus. Ed. 105-106 or demonstration of proficiency in fundamentals of typewriting and elementary shorthand. Laboratory fee \$4.00 a semester.
208. OFFICE AND SECRETARIAL PRACTICE. *3 hours*
 Procedures, duties, and business knowledge pertinent to a secretarial position; use of reference books; techniques in indexing and filing; handling of mail; and the preparation of various reports. One regular hour of class discussion and two two-hour laboratory and class sessions. Laboratory fee \$6.00.
327. TEACHING OF BUSINESS EDUCATION SUBJECTS. *3 hours*
 A course in methods for students preparing to teach business subjects in the secondary schools. Consideration will be given to course planning, teaching problems, available instructional materials and equipment, standards of achievement, and measurement of skills. One hour three days a week.

BUSINESS ADMINISTRATION

- 103-104. INTRODUCTION TO BUSINESS ENTERPRISE AND
 PERSONAL FINANCE. *6 hours*
 The first semester shall be devoted to an introduction to the functions and structure of the American business enterprise. The second semester shall

consist of a critical analysis of the management of the consumer's personal finances; and a practical analysis of the principles of buying life insurance, investing in securities, operating a bank account, and owning a home.

This course may be counted toward a Business Administration major if Econ. 201-2 is taken to fulfill the distribution requirement in Social Science; otherwise, it counts as an elective. It is designed mainly for those who wish to take a general course in Business in order to equip themselves to deal with ordinary business transactions in which they will be involved during their lifetime and for those students who enter college interested in majoring in either Business Administration or Economics.

301-302. BUSINESS LAW. 6 hours

A course for the future business man and woman as well as for the future active citizen—kinds of law; legal remedies; contracts; sales; agency; bailments; negotiable instruments; partnerships; corporations; insurance; personal property; suretyship; bankruptcy. Required of all majors in Business Administration and suggested for those preparing to teach Business Education.

310. CORPORATION FINANCE.* 3 hours

The financial structure of the corporation and the way it is organized are studied. The advantages and disadvantages of the corporate form. The place of the corporation in the economy of today. The rights and duties of stockholders, directors and officers are discussed. Prerequisite: Bus. Ad. 203-4. Offered in alternate years.

1. Program in Accounting

203-204. PRINCIPLES OF ACCOUNTING. 6 hours

The legal, industrial, commercial, and financial principles involved in determining how the operations of a business affect the value of its assets and the amount of its liabilities, profits and capital; presented through accounting practice beginning with the balance sheet and profit and loss account, and thence to the law of debit and credit. A knowledge of bookkeeping is not a prerequisite. One regular hour of class discussion and two two-hour laboratory and class sessions. Laboratory fee \$1.00 a semester.

315. INTERMEDIATE ACCOUNTING. 3 hours

An analysis of the principles of valuation of accounts with special emphasis on the balance sheet. Problems relative to the correct statement of cash, accounts receivable, investments, fixed assets, liabilities, capital stock, and surplus. Prerequisite: Bus. Ad. 203-4.

316. COST ACCOUNTING.* 3 hours

A discussion of the principles of cost determination. Use of cost information in manufacturing industries. Study of the relationship between costs, selling price and profit. Problems of relating costs to departments and to products. Prerequisite: Bus. Ad. 203-4. Offered in alternate years.

318. AUDITING. 3 hours

This course is designed to acquaint the student with the principles of

auditing and conditions under which the work is performed. The accountant's function of assisting management in maintaining and improving internal controls, of raising accounting and reporting standards, and solving financial and other business problems are stressed. Prerequisite: Bus. Ad. 203-4 and Bus. Ad. 315. Offered in alternate years.

2. Program in Marketing

305. **MARKETING.** *3 hours*
 Critical survey of the field of marketing; analysis; functions of the manufacturers, wholesalers and retailers; various types of middlemen; buying, selling, transportation, storage, standardization and grading, finance, market news, research and risk. Cost, efficiency, and criticism of modern marketing with emphasis on principles, policies, and trends. Prerequisite: Econ. 201-2.
306. **RETAIL MERCHANDISING.** *3 hours*
 Organization and management of retail establishments. Personnel problems, advertising, sales promotion, buying, merchandise control, credits and collections, store location, merchandise turnover, profits and expenses, store policies, and sales systems. Prerequisite: Bus. Ad. 305.
307. **SALES PROMOTION.** *3 hours*
 A general course which considers the use of advertising and the sales force in the sale of goods and services, as well as the preparation of the product for market. The place of the sales promotion executive in aiding the dealer in the handling of his company's product occupies a prominent part in the course and a survey is made of the various methods that may be used to stimulate buying of the product on the part of consumers. Prerequisite: Bus. Ad. 305.
308. **CREDITS AND COLLECTIONS.** *3 hours*
 An analysis of the nature, functions, instruments, classes, risks, and management of credit. Sources of credit information for retail and manufacturing concerns will be discussed. The scientific setting of credit limits, handling of adjustments, and the processes of extensions, compositions, receiverships, and bankruptcy will also be considered. Prerequisite: Bus. Ad. 203-4 and Bus. Ad. 305. Offered in alternate years.

3. Program in Management

321. **BUSINESS ORGANIZATION AND MANAGEMENT.** *3 hours*
 An examination of basic fundamentals of management underlying the solution of problems of organization and operation of a business enterprise. Planning, organizing, and controlling the functions of a business organization. Prerequisite: Bus. Ad. 103-4 or Econ. 201-2. Offered in alternate years.
322. **SALES MANAGEMENT.** *3 hours*
 A study of the functions of the sales manager. The principal topics to be considered are: sales organization; planning; quotas and territories; selecting, training and compensating salesmen; salesmen stimulation and supervision;

and the use of cost data as a guide to the formulation of sales policies. An analysis of effective selling techniques will also be considered. Prerequisite: Bus. Ad. 321. Offered in alternate years.

324. PERSONNEL MANAGEMENT.*

3 hours

A study of the place of the personnel manager in the organizational structure of modern business emphasizing the scope and nature of his work. Modern developments in the field are given special attention. Included among these are the use of the undirected interview, and the increasing importance of job analysis, job description and job evaluation. The problems inherent in building and maintaining an efficient work force for a business firm are fully discussed, stressing the human factors involved in the entire process. Prerequisite: Bus. Ad. 321. Offered in alternate years.

ECONOMICS

201-202. PRINCIPLES OF ECONOMICS.

6 hours

A general course in economics: economic ideas; change and progress; the language of economics; land, labor, and capital; their rewards—rent, wages, interest, and profits; business organization; value and price; competition and monopoly; money and credit; transportation; foreign trade; public utilities; government and our money; goal of economic progress.

303-304. MONEY AND BANKING.

6 hours

The organization, operation and economic significance of our monetary and banking institutions are discussed, with special reference to current conditions and problems. A study of the money and credit system and various financial organizations designed to furnish capital for economic enterprise. Prerequisite: Econ. 201-2.

319-320. PUBLIC FINANCE.

6 hours

An analysis of the principles of taxation and a study of the tax statutes of the federal government, the state governments, and those of the municipalities. Current trends in taxation policies will also be reviewed and their long run effects on American economy will be analyzed. The proper maintenance and reduction of the national debt will also be examined. Prerequisite: Econ. 303-4.

323. ECONOMICS OF LABOR.*

3 hours

The problems of the wage earner are discussed. The effectiveness of unionism, collective bargaining and social insurance as ways of meeting these problems is studied. Contemporary labor organizations are compared. Prerequisite: Econ. 201-2. Offered in alternate years.

401-402. INTERNATIONAL ECONOMICS.

6 hours

The topics considered in this course are designed to acquaint the student with the problems of the world economy with special reference to the position of the United States. The methods and mechanisms of making international payments are discussed and the problems connected with the balance of payments are analyzed. Economic theories involving the international economy

are given special emphasis. A thorough study of the various techniques used by nations which lead to economic nationalism is made and the major commercial policies of the leading nations are investigated. The problems surrounding international investment and international currencies also receive attention. Special consideration is given to a study of the effects of the International Bank and the International Monetary Fund upon the world economy. Prerequisite: Econ. 201-2. Offered in alternate years.

403-404. HISTORY OF ECONOMIC THOUGHT.* 6 hours

This course surveys the development of economic thought from ancient times to the present day. Special emphasis is laid on the ideas contained in the thought of the Mercantilists, the Physiocrats, the economists of the Classical School, the Socialists and Reformers, the Institutionalists, the Marginalists, and on the work of Marshall and Keynes. These ideas are examined against the background of the times in which the men representative of the school of thought lived. The course is designed to train the student to think objectively concerning the many present-day panaceas that are formulated in the field of Economics. Prerequisite: Econ. 201-2. Offered in alternate years.

HISTORY AND GOVERNMENT

Faculty: Assistant Professor Hancock, Acting Chairman;
Assistant Professor Burks.

A major in History consists of courses 201-202, 203-204, and 12 more hours chosen from other history courses in the department.

A major in History and Government consists of the above specified courses in History and courses 201-202 and 301-302 in Government, and 6 hours additional in either History or Government.

A minor in History consists of fifteen hours chosen from the courses in History listed below.

A minor in Government consists of fifteen hours chosen from the courses in Government listed below.

It is expected that history majors will take as many courses as possible in Economics, Government, Sociology, Philosophy, and Literature. Knowledge of a modern language, especially French, is highly desirable particularly for those interested in foreign service work. German or Spanish should also be taken if the student expects to do post-graduate work. Those students expecting to qualify for high school teaching with a major in History should take courses 101-102, 201-202, 203-204, 310, and 6 hours in Government.

History

101-102. HISTORY OF CIVILIZATION. 6 hours

A basic course for all students. The purpose is to trace the growth of our political, economic, social, religious and cultural institutions, and customs with the view of explaining present-day world problems in the light of past experience. All instructors.

- 201-202. AMERICAN HISTORY. *6 hours*
 This course covers the whole field of American History from 1492 to the present. Emphasis will be placed on the economics, cultural, and social phases of American History as well as on the political. Students who wish to qualify to teach in Pennsylvania must register for one additional hour of this course second semester and they will be given work in the History of Pennsylvania.
- 203-204. MODERN EUROPEAN HISTORY. *6 hours*
 A survey of the cultural, economic, political, and social movements of nineteenth and twentieth century Europe, especially those from 1815 to the present. Open to all upperclass students and to those freshmen who major or minor in History.
- 205-206. ANCIENT HISTORY.* *6 hours*
 A study of the civilizations of the Ancient World up to 476 A.D.
- 301-302. ENGLISH HISTORY.* *6 hours*
 A course covering the most important points in the growth of English civilization from the Roman occupation to the present time. Not offered in 1953-1954.
- 303-304. LATIN AMERICA.* *6 hours*
 A survey of Latin American civilization.
305. MODERN AND CONTEMPORARY FAR EAST.* *3 hours*
 A study of the background and development of modern China and other nations of the Far East with emphasis on the international problems in the Orient.
306. RUSSIA AND EASTERN EUROPE.* *3 hours*
 A study of Russia past and present and her relations with her immediate neighbors and the world.
307. EUROPE FROM 476 TO 1500.* *3 hours*
 Special attention will be given to the organization and power of the Church, the feudal system and the philosophical movements of the period. Not offered in 1953-1954.
308. EUROPE FROM 1500 TO 1815. *3 hours*
 The main stress in this course will be on the Renaissance, Reformation, formation of modern states, and growth of the liberal ideas of the 18th Century. Not offered in 1953-1954.
309. THE HISTORY OF THE GROWTH OF AMERICAN IDEAS.* *3 hours*
 A study of the growth of modern ideas in the United States and their European backgrounds in the social, economic, and political fields. Not offered in 1953-1954.
310. THE TEACHING OF HISTORY AND THE SOCIAL STUDIES. *3 hours*
 A course designed to meet the needs of those expecting to teach any of the social studies. This course should be taken in the junior year.

* Note: Courses 307 and 309—alternate; also 205-206 and 303-304; 301-302 and 305-306.

311. AMERICAN ECONOMIC HISTORY. 3 hours
 A survey of the growth, and political and social importance of the economic institutions of the United States. Not offered in 1953-1954.
312. AMERICAN HISTORY FROM 1898. 3 hours
 A study of the American political scene through the period of world expansion of the United States. Not offered in 1953-1954.

Government*

201. AMERICAN GOVERNMENT.** 3 hours
 Except under unusual circumstances this course and the following one will be prerequisites for other courses in Government. The government of the United States, its organization, powers, and functions; foreign problems and policies; and its relation to business are all topics for study.
202. LOCAL GOVERNMENT.** 3 hours
 A study of the evolution and principles of the government of relatively small areas in the United States and Europe.
301. POLITICAL PARTIES IN THE UNITED STATES. 3 hours
 This course deals with the formation of groups for political action, the modes of waging political battles such as election campaigns and the dissemination of propaganda, and the motive forces that impel men to act in politics.
302. COMPARATIVE GOVERNMENT. 3 hours
 The study is a comparative one, with emphasis upon the governments of Great Britain, France, Germany, Switzerland, Italy, Russia, China, and Japan.
305. THE PRINCIPLES OF PUBLIC ADMINISTRATION. 3 hours
 A study of the ways in which the decisions of legislatures and executive officers are actually carried out in all phases of public service, such as postal transportation, police protection, or conservation of natural resources. The modes of appointment, promotion and direction of the civil service constitute the major portion of the subject matter.
306. PUBLIC OPINION AND PROPAGANDA. 3 hours
 A study of the nature and measurement of public opinion, the mechanics and evaluation of polling, and the political influence of social institutions, including press, radio, and movies.
- 309-310. INTERNATIONAL LAW AND ORGANIZATION. 6 hours
 The law governing the relations among the states of the world in such matters as their right of independent existence and conduct, their territorial boundaries, their diplomatic intercourse, the conduct of war and the maintenance of peace. The organized international units, such as the Universal Postal Union, the United Nations, and the World Court. Not offered in 1953-1954.

* All courses in Government should be preceded by course History 201-202.
 ** Government 201 and 202 constitute a year course in Government.

RELIGION AND PHILOSOPHY

Faculty: Professor Engle, Chairman; Assistant Professor Green; Instructor Wells.

Students choosing a major in this department should confer with the chairman of the department for selection of courses.

A major in Religion shall consist of 24 to 30 hours of courses in Religion selected under the supervision of the chairman of the department.

A major in Religion and Philosophy consists of 30 hours and shall include: Religion 203-4, one 300 course, preferably 304; Philosophy 201, 204 and 301: plus 6 additional hours each in Religion and Philosophy selected from 300 or 400 courses.

A minor in Religion and Philosophy shall consist of 18 hours, and shall include the numbered courses required in the major above.

A minor either in Religion or Philosophy shall consist of 15 hours.

Christian Service Minor

The following courses may be counted as a minor in Christian Service. This minor is intended for those students who do not expect to become vocational religious workers, but who wish to share effectively in the religious leadership of their local churches and communities.

Religion 201-(202 or 206), or 203-204	6 hours
Religion 308	3 "
Religion 307	3 "
Community Recreation, Phys. Ed. 318	3 "
Church Music 104	3 "

Religion

201. OLD TESTAMENT HISTORY AND LITERATURE. 3 hours

An introductory study of the development of religious and ethical ideas and practices of the Hebrew people as these are found in the Old Testament writings. Attention is given to the religions of the peoples with whom the Hebrews were in close contact.

202. THE LIFE OF JESUS. 3 hours

The study of the life of Jesus follows a brief survey of the intertestament period of Jewish history.

203-204. RELIGION IN HUMAN EXPERIENCE. 6 hours

This course considers the origins and development of the more important religious ideas and activities which are continued today in the religion of Judaism, and in the Christian religion. The first semester considers the background in which Hebrew religion developed, with especial attention to the religious ideas of the Old Testament. The second semester deals with the growth of the Christian religion in its Jewish and non-Jewish background. The

distinctive beliefs and practices of the early Christians as found in the New Testament writings are studied in the light of first century conditions. Prerequisite for 204 is 203.

206. NEW TESTAMENT HISTORY AND LITERATURE. *3 hours*
 A study of the conditions giving rise to the writings in the New Testament and a survey of the contents of these writings as the expression of early Christian faith and practice.
301. THE LIFE OF PAUL. *3 hours*
 A study of the life and letters of Paul with special attention to the non-Jewish environment of the early Christian church. Alternates with course 303.
302. THE HEBREW PROPHETS. *3 hours*
 An introduction to the prophetic literature, with study of selected writings of the prophets. Alternates with course 304. Not offered 1953-1954.
303. THE TEACHING OF JESUS. *3 hours*
 An attempt to discover the distinctive ethical and religious content of Jesus' teaching. (May be taken in place of course 202 by permission of instructor.) Alternates with course 301. Not offered 1953-1954.
304. OLD TESTAMENT POETRY AND WISDOM LITERATURE. *3 hours*
 A study of selected Psalms, Job, and other Wisdom literature of the Old Testament. Alternates with course 302.
307. PRINCIPLES OF RELIGIOUS EDUCATION. *3 hours*
 This course provides a survey of the field of religious education. It seeks to acquaint the student with the underlying philosophies of various approaches to the problems of religious education, and the agencies and techniques for religious education.
308. HISTORY OF THE CHRISTIAN CHURCH. *3 hours*
 This course is intended to help students to a better understanding of the place of the Christian Church today. It will be adapted in content and method to meet the needs and interests of those electing it. Not offered as a substitute for work in a theological seminary.
401. THE HISTORY OF THE BIBLE. *3 hours*
 An introductory study of the origin of the writings of the Old Testament and of the New Testament; the selection of these writings as sacred literature; and the history of our English versions of the Bible.
402. THE USE OF THE BIBLE. *3 hours*
 A study is made of how the Bible has been used, from the Jewish use of the Old Testament, to present-day use of the Bible. Intended especially for those students majoring in Bible or Religious Education, but open to all who have had at least six hours of Bible in content courses.

Philosophy

201. INTRODUCTION TO PHILOSOPHY. 3 hours
 A systematic survey of the problems of philosophy and their relation to science, religion, and government.
204. ETHICS. 3 hours
 An elementary study of morality and ethical theory in the light of historical development. Contemporary and practical ethical problems.
301. LOGIC. 3 hours
 The fundamentals of classical and modern logic. The basic principles of reasoning.
304. AESTHETICS. 3 hours
 A study of the nature of beauty and the origin and nature of the art impulse. Prerequisite: Philosophy 201. Offered in alternate years. Not offered in 1953-1954.
306. PHILOSOPHY OF RELIGION. 3 hours
 After a survey of the great religions of the world and of the principal Christian philosophies, an attempt will be made to treat the material critically and constructively in the light of modern psychology and philosophy. Prerequisite: Philosophy 201, or by permission of the instructor. Offered in alternate years.
401. HISTORY OF PHILOSOPHY. 3 hours
 Ancient and Mediaeval. A survey of philosophical theory from the Greeks to the time of Descartes.
402. HISTORY OF PHILOSOPHY. 3 hours
 Modern. Philosophical theory from Descartes to the nineteenth century.

SOCIOLOGY AND PSYCHOLOGY

Faculty: Professor Boyer, Chairman; Associate Professor Clippinger (on leave); Instructor Wells.

A major in Sociology shall consist of courses in sociology totaling twenty-four to thirty-two hours. All majors in Sociology are required to take one semester of Statistics 131 or 132, in addition to the twenty-four hours of sociology. Furthermore, it is recommended that students taking a minor in Sociology or Psychology should take one semester of Statistics 131 or 132.

A major in the combined fields of Sociology and Psychology shall consist of at least 33 hours and must include the following courses: Sociology 201, 202, 305; Psychology 201 or 202, 221 or 222, 304; Mathematics 131 or 132 (Statistics); and six additional hours in Sociology and six in Psychology.

A minor in the combined fields of Sociology and Psychology shall consist of eighteen hours and must include the following courses: Sociology 201, 202, 305; Psychology 201 or 202, 221 or 222, 304.

A minor in either of the fields shall consist of at least fifteen hours.

Sociology

201. INTRODUCTION TO THE STUDY OF SOCIETY.* 3 hours
 This course is open to all students except freshmen. This course is a study of the elemental social facts and forms of control in human relations; the development of culture and institutions; and the direction of social change through guidance and planning.
202. SOCIAL INSTITUTIONS AND SOCIAL PROBLEMS.* 3 hours
 This course is a study of the development of the community and its institutions; the physical and social forces that determine the distribution of population; social problems arising incident to social change; social disorganization as over against social planning and intelligent community organization.
204. MARRIAGE AND THE FAMILY. 3 hours
 A study of the historical development of the family; its functions, interrelations and organization; with special emphasis on preparation for marriage, adjustment in marriage and the changing functions of the modern family. Open to all students except freshmen.
301. RACE AND POPULATION PROBLEMS. 3 hours
 A study in race relations and problems of population: migration, immigration, racial conflicts, race psychology, the bases of racial comity, and cooperation. Prerequisites: courses 201 and 202. Not offered in 1953-1954.
302. CRIME AND ITS SOCIAL TREATMENT. 3 hours
 A study of crime and the criminal; a history of punishment; modern penal institutions; crime prevention and the social treatment of the criminal. Prerequisites: courses 201 and 202.
303. RURAL-URBAN SOCIOLOGY. 3 hours
 A study of the historical backgrounds of rural life; the development of the modern city; rural-urban America today; rural-urban attitudes, interrelations and interdependencies. Prerequisite: courses 201 and 202.
305. HISTORY OF SOCIOLOGY. 3 hours
 A study of the emergence of sociology as an organized body of materials dealing with the antecedents of social thought and its development in terms of leading theories; men who promoted them and the organized movements of society. Prerequisites: courses 201 and 202.
306. CULTURAL ANTHROPOLOGY. 3 hours
 A study of social and cultured origins, primitive social control, the primitive background of modern folkways, the mores, community, and institutional life. Prerequisites: courses 301 and 303.
401. INTRODUCTION TO SOCIAL WORK. 3 hours
 A study of the fields of social work; theory and practice of social work; social agencies—public and private. Institutions will be visited and, where possible, field work will be arranged. Prerequisites: courses 301 and 302.

* Sociology 201 and 202 constitutes a year course in Sociology.

403-404. FIELD WORK.

1 to 4 hours

One hour credit per semester for 36 hours of work at a recognized agency or institution. Intended for students of junior or senior standing who have taken or are taking course number 401, Introduction to Social Work. This field work is for students interested in welfare or group work. Two semesters are recommended.

Psychology

201 or 202. GENERAL PSYCHOLOGY.

3 hours

An introductory course. Basic facts and principles of adult normal psychology. For Sophomores. Laboratory fee \$1.50.

First Semester: Two sections.

Second Semester: One section.

203. EDUCATIONAL PSYCHOLOGY.

3 hours

For information about this course see Education 203.

Two sections.

204. LEADERSHIP PSYCHOLOGY.

1 hour

A study of the psychological and sociological aspects of group leadership with practical application to specific campus situations. Open to women only.

221 or 222. ADVANCED PSYCHOLOGY.

3 hours

An intensive study of special problems within the field. Measurement and development of personality. Problems of adjustment. Prerequisite: Psychology 201 or 202.

302. ABNORMAL PSYCHOLOGY.

3 hours

Analytical study of deviations from normal behavior. Prerequisite: Psychology 201 or 202 and 221 or 222.

304. SOCIAL PSYCHOLOGY.

3 hours

A critical analysis of the psychological factors involved in group life. Individual and group behavior will be studied from the point of view of innate tendencies and their development in a social matrix. Prerequisite: one year of psychology.

315. PSYCHOLOGY OF RELIGION.

3 hours

The major aspects of the structure and function of religion are explored in the light of the insights of psychology. Special consideration will be given to the psychological aspects of sin, forgiveness, conversion, prayer, mysticism, and worship. Religious counseling will also be considered. Prerequisites: one year of psychology and one year of religion.

325. SYSTEMATIC PSYCHOLOGY.

3 hours

This course presents a study of psychological thought and theory. It includes a consideration of the Structuralist, Functionalist, Behaviorist, Psychoanalytic, Gestalt, and Eclectic approaches to psychology. Prerequisites: Psychology 201 or 202 and Psychology 221 or 222. Offered in alternate years.

326. PSYCHOLOGY OF PERSONALITY.

3 hours

This course presents the individual as a social and biological unit. The nature, genesis, development, measurement, and other significant problems pertaining to personality will be considered. Prerequisites: Psychology 201 or 202 and Psychology 221 or 222. Offered in alternate years.

SENIOR SEMINAR

SENIOR SEMINAR 420. PHILOSOPHY AND PROGRAM FOR
AFTER-COLLEGE LIVING.

2 hours

An opportunity for Seniors, just prior to graduation, to harmonize the knowledge and experience gained in college, to study questions that will be met in post-graduate life, and to plan a practical program for balanced and successful everyday living after graduation. The course will consist of readings, lectures and group discussion, with each student expected to think through his own life philosophy and plan his own life program. The instructor of the course will be assisted from time to time by other members of the faculty and by specialists from off the campus. Consideration will be given to physical health, mental hygiene, religion, family and community life, cultural interests, national and world citizenship, success in a vocation, and a look at the possibilities for continuing growth and development after college.

IV. The Division of Fine Arts

Professor Shackson, *Chairman*

Departments: Visual Arts and Music.

VISUAL ARTS

Faculty: Associate Professor Frank, *Chairman;*

Instructor Hassenpflug

The courses in the Department of Visual Arts are open to all students in the college. Some of the courses are arranged so as to give the student who does not possess artistic ability a greater understanding and appreciation of the great works of art of all ages. Other courses are to aid the talented student to become more efficient in the various techniques of self-expression and to prepare him for an art or a teaching career.

Through an arrangement between Otterbein College and Columbus Art School, junior and senior majors with the recommendation of the department, may take classes at the Art School. Credit toward a major and toward graduation will be given by Otterbein College.

Those students who are interested in professional training as well as in a liberal arts background can obtain a B.A. degree and a professional certificate under the cooperative five-year program between these two schools. This plan is described on page 54 of the catalog.

For one semester hour of credit there is required one three-hour laboratory period or a one-hour class with a fee of \$2.75 a semester hour for materials.

The department has the privilege of holding any completed work for one year for exhibition purposes.

The Bachelor of Arts Degree with a College Major or Minor in Visual Arts

A Major requires not less than twenty-four semester hours of art. A minor consists of fifteen semester hours.

The Bachelor of Arts Degree with a Teaching Field in Visual Arts

This course meets the State requirements for the High School Teaching Certificate. The student must fulfill the minimum requirements for the Bachelor of Arts degree, meet the requirements of the Department of Education as found on page 115 and complete 24 semester hours of art, consisting of five hours of drawing, seven hours of appreciation and history, three hours of methods and observation, nine hours of design, painting and sculpture.

111-112. BASIC DRAWING.

4 hours

Introduction to various drawing media with continual emphasis upon composition. Drawing from memory and imagination to develop perception. Outdoor sketching in fall and spring. Offered in alternate years. Not offered in 1953-1954.

211. LIFE DRAWING. *2 hours*
 The study of structure and form of the human figure. Rapid sketch from the model with emphasis upon gesture. Offered in alternate years.
- 121 or 122. BASIC DESIGN. *2 hours*
 Problems in the arrangement of line, mass, space, texture, value and color with special emphasis on the nature of color. Required for students majoring in Home Economics and Elementary Education and recommended for students majoring in Speech. Offered each semester.
224. DESIGN AND COMPOSITION. *2 hours*
 A continuation of the use of principles of design and the nature of color. Prerequisite: 121 or 122. Offered in alternate years.
226. LETTERING AND LAYOUT. *2 hours*
 Learning to use standard alphabets and to create new ones. Understanding basic principles of design as applied to alphabets and layout. Skill in using pen and brush. Offered in alternate years.
228. CRAFTS. *2 or 3 hours*
 The application of principles of design to various media such as clay, metal and textiles with emphasis upon the physical characteristics of each medium and the function of the product. Prerequisite: 121 or 122 or the permission of the instructor. Offered in alternate years. Not offered in 1953-1954.
328. ADVANCED CRAFTS. *2 or 3 hours*
 Offered together with 228 which is a prerequisite.
231. COSTUME DESIGN. *2 hours*
 Problems in the use of color, texture, line, value and proportion in planning clothing and accessories. Required for students majoring in Home Economics and related to the following courses in that department: 101-Clothing, 102-Textiles, 301-Advanced Clothing. Prerequisite: 121 or 122. Offered in alternate years. Not offered in 1953-1954.
232. INTERIOR DECORATION. *2 hours*
 Problems in the manipulation of mass, space, texture and color as they are controlled by the needs of the individual and the family in the home. Required for students majoring in Home Economics and related to the following courses in that department: 305-Selection of Furnishings and Equipment for the Home, 315-Home Management, 417 or 418-Home Management Residence. Prerequisite: 121 or 122. Offered in alternate years. Not offered in 1953-1954.
242. WATERCOLOR PAINTING. *2 hours*
 Exploration of various techniques and experimentation with color relationships in picture composition. Prerequisite: some courses in drawing and design or the permission of the instructor. Offered in alternate years.

342. ADVANCED WATERCOLOR PAINTING. *2 hours*
Offered together with 242 which is a prerequisite.
251. OIL PAINTING. *2 hours*
Problems of picture composition in color. Personal expression stimulated by æsthetic experiences. Prerequisite: some courses in drawing and design or the permission of the instructor. Offered in alternate years.
351. ADVANCED OIL PAINTING. *2 hours*
Offered together with 251 which is a prerequisite.
261. SCULPTURE. *2 or 3 hours*
Modeling of the figure, animals and the abstract with emphasis upon three dimensional design. Modeling in plastilene and ceramic clay, making molds, casting in plaster and ceramic clay. Creative expression in the plastic medium. Prerequisite: some courses in drawing and design or the permission of the instructor. Offered in alternate years. Not offered in 1953-1954.
361. ADVANCED SCULPTURE. *2 or 3 hours*
Offered together with 261 which is a prerequisite.
- 281 or 282. METHODS IN ELEMENTARY ART EDUCATION. *2 hours*
Experience in drawing, painting and sculpture in one three-hour laboratory period. One-hour class discussion of the use and the value of art in elementary education.
383. METHODS IN SECONDARY ART EDUCATION. *3 hours*
A methods course for those art students who are preparing to teach in the secondary school. Weekly class and laboratory periods. Given upon request.
- 401-402. ART HISTORY. *6 hours*
A study of architecture, sculpture and painting from the beginning of civilization through contemporary movements. Three classes each week. Course fee \$1.50 a semester. Offered in alternate years.

HUMANITIES

- HUMANITIES 201-202. EXPLORING THE ARTS. *6 hours*
Introduction to the basic principles and interrelation of the creative arts with emphasis on music and the visual arts. Students are familiarized with aesthetic concepts through direct experience and study of important works of art, and with techniques through experimentation in exploratory periods. Recommended for students not majoring in these fields; acceptable with approval of the adviser as meeting the graduation requirements in literature or Humanities. Three class periods and one exploratory period each week. Not open to freshmen. Course fee for materials, \$2.00 a semester. (See also English 203-204).

MUSIC

Faculty: Professor Shackson, Chairman; Associate Professors Harris and Paul Frank; Assistant Professors Lawrence Frank, Robert Hohn; Instructors Brobst, Esther Hohn, Johnston, Seelenbinder.

GENERAL INFORMATION

THE DEPARTMENT OF MUSIC is located in Lambert Hall of Fine Arts. There are adequate facilities for study and practice in voice, piano, organ and other instruments, as well as a recital auditorium seating approximately three hundred persons.

OTTERBEIN COLLEGE is a member of the National Association of Schools of Music. The requirements for entrance and for graduation as set forth in this catalog are in accordance with the published regulations of the National Association of Schools of Music.

THE DEPARTMENT OF MUSIC offers courses leading to the degrees of Bachelor of Music, Bachelor of Music Education, and Bachelor of Arts with a major in music. The department also offers opportunities for all students in the college to come in contact with music as an elective study or through participation in one of the many music organizations.

Musical Organizations

THE MEN'S AND WOMEN'S GLEE CLUBS, made up of from 36 to 40 carefully selected voices each, have had a long, active life both on and off the Otterbein College campus. The Men's Glee Club was organized in 1909 and the Women's Glee Club in 1917. Both clubs have a record of many successful concert tours and radio appearances throughout Ohio and neighboring and eastern states.

THE A CAPPELLA CHOIR is composed of fifty voices chosen by tryout from all departments of the college. While singing largely unaccompanied music, the choir program calls for the performance of at least one standard oratorio or cantata each year. Extensive concertizing is planned each year.

THE BRASS CHOIR is formed for the purpose of exploring the literature for such groups and for the purpose of providing necessary training and recital experience. The ensemble makes frequent appearances in neighboring towns in addition to a short tour. Admission by tryout to all students.

THE COMMUNITY ORCHESTRA is open to students qualifying for membership. Two major concerts are given each year, besides several other public appearances.

THE COLLEGE BAND is formed each fall as a marching organization for football games, but is continued as a concert unit for the balance of the year. There are several concerts each season, including out-of-town performances. Admission by consulting the director.

Otterbein College sponsors a CONCERT COURSE of visiting artists, and also stresses attendance at one or more of the fine courses which are presented annually at Columbus, to which a large per cent of our students subscribe.

RECITALS by members of the faculty of the Department of Music are offered for the culture and enjoyment of all lovers of music.

STUDENT RECITALS are given frequently to which the public is invited, and which students of music are required to attend. Studio recitals, by pupils of individual instructors, designed for mutual criticism and experience, are held from time to time. Students are expected to perform as their instructors direct, but should not appear in public performances without the consent of the instructor.

SPECIAL STUDENTS, not wishing to enter any of the courses leading to a degree, are not required to follow the prescribed outlines, but are given systematic work in whatever musical subject they elect.

BOOKS RELATING TO MUSIC are found in the Carnegie Library. Students also have access to the facilities of the Westerville Public Library as well as to the private libraries of the various instructors of the College.

ENTRANCE REQUIREMENTS for degree courses are found on page 102. Private lessons in applied music, such as Piano, Violin, Voice, etc., may be had without formal entrance upon any degree course, by consultation with the Director of Music.

Graduates of first-grade high schools are admitted to all degree courses, subject to satisfactory audition in music.

REQUIREMENTS FOR DEGREE COURSES

General Statement Concerning the Degree of Bachelor of Music

The course of study leading to the degree of Bachelor of Music demands considerable talent in a particular medium of performance, general musicianship, and a capacity for intelligent practice. The goal toward which the student must work during all four years is the ultimate mastery of performance. The candidate for this degree must demonstrate adequate technique to produce an artistic performance. He should give evidence of thorough preparation in the theory and literature of music.

All degree candidates in music must pass an examination each semester in their major and minor applied fields before a faculty jury.

After satisfactory appearances on student recitals during all four years, the Bachelor of Music candidate must give a full recital in his major applied subject during his last year.

The required number of semester hours, one hundred twenty-four, must include at least ninety in music subjects. A maximum of thirty-six hours may be in academic subjects.

Students are required to take a minimum of sixty minutes of individual instruction per week in the major subjects in applied music throughout each year of residence. One semester hour credit shall be given for each three hours per week of practice, plus the necessary individual instruction, but no more than six hours credit will be allowed for the major subject during one semester.

At least twenty-four semester hours of the last thirty hours required for a degree, shall be earned in residence.

Bachelor of Music, Pianoforte Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

Note—It is understood that the following requirements are not to be construed in any way as outlines of courses of study, but merely indicate the comparative degrees of advancement to be attained at the various stages of the courses.

PIANO REQUIREMENTS

A. Requirements for Entrance

To enter the four-year degree course in piano, the student should be grounded in reliable technique. He should play all major and minor scales correctly in moderately rapid tempo, also broken chords in octave position in all keys and should have acquired systematic methods of practice.

He should have studied some of the standard études, such as Czerny, Op. 299, Book 1; Heller, Op. 47 and 46 (according to the individual needs of the pupil); Bach, Little Preludes; a few Bach two-part Inventions and compositions corresponding in difficulty to—

Haydn, Sonata No. 11, G major No. 20 (Schirmer).

Mozart, Sonata C Major No. 3, F major No. 13 (Schirmer).

Beethoven, Variations on Nel cor Piu, Sonatas Op. 49, No. 1, Op. 14, Nos. 1 and 2.

Schubert, Impromptu Op. 142, No. 2, etc.

B. End of Second Year

At the end of the second year the student should have acquired a technique sufficient to play scales and arpeggios in rapid tempo, to play scales in parallel and contrary motion, in thirds and sixths and in various rhythms. He should have acquired some octave technique and should have studied composition of at least the following grades of difficulty:

Bach, easier preludes and fugues from Well Tempered Clavichord.

Bach, French Suites and Partitas.

Beethoven, sonatas such as Op. 2, No. 1; Op. 26; Op. 31, No. 1.

Compositions by various romantic and modern composers.

The student should demonstrate his ability to read at sight accompaniments and compositions of moderate difficulty.

C. End of Fourth Year

The candidate must have acquired the principles of tone production and velocity and their application to scales, arpeggios, chords, octaves and double notes. He must have a repertory comprising the principal classic, romantic, and modern compositions which should include such works as:

Bach, English Suites, toccatas, Well Tempered Clavichord.

Italian Concerto.

Beethoven, sonatas Op. 31, Nos. 2 & 3 and later except Op. 49.

Compositions by Brahms, Chopin, Schumann and modern composers.

Concerti by Mozart, Beethoven.

Candidates must have had considerable experience in ensemble and should be capable sight readers.

Bachelor of Music, Vocal Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

VOICE REQUIREMENTS

A. Entrance Requirements

To enter the four-year degree course in voice the student should be able to sing on pitch with correct phrasing and musical intelligence standard songs in good English (the simpler classics are recommended). He should also demonstrate his ability to read a simple song at sight and have a knowledge of the rudiments of music.

B. End of Second Year

At the end of the second year the student should have acquired a knowledge of breath control, tone quality, principles of enunciation, and pronunciation as applied to singing. He should demonstrate his ability to sing major, minor, and chromatic scales, arpeggios, exercises for agility, for sustaining tone, and the classic vocal embellishments. He should demonstrate a knowledge of early Italian classics, and the ability to sing one or more of the less exacting arias of opera and oratorio. He should also have acquired use of one language in addition to English.

C. End of Fourth Year

The candidate for graduation should demonstrate the ability to sing in three foreign languages, a knowledge of recitative in both the free and measured forms, knowledge of the general song literature and the ability to give a creditable recital.

The repertory for immediate use should consist of at least four operatic arias, four oratorio arias, twenty classic, and twenty standard modern songs.

The candidate should have completed two years of ensemble singing; he must also have completed sufficient piano study to enable him to play accompaniments of average difficulty.

Bachelor of Music, Violin Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

VIOLIN REQUIREMENTS

A. Entrance Requirements

To enter the four-year degree course in violin the student should have an elementary knowledge of the pianoforte.

He should have the ability to perform études of the difficulty of the Kreutzer Etudes, Nos. 1 to 32, and works of the difficulty of the Viotti Concerto, No. 23, the de Beriot concerti, Nos. 7 and 9, the Tartini G minor sonata, and the easier Handel sonatas.

B. End of the Second Year

At the end of the second year the student should have acquired the ability to perform works of the difficulty of the Viotti Concerto No. 22, the Spohr Concerto No. 2 and the easier Bach sonatas for violin and piano.

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, and should demonstrate sufficient ability in ensemble to take part in the performance of easier string quartets and symphonic works. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show an adequate technical grounding in scales, arpeggios, bowing and phrasing, and the ability to perform works of the difficulty of the Mendelssohn E minor concerto, the Bruch G minor or Spohr No. 8.

During the four-year course the student should have had not less than two years practical orchestral experience and two years of ensemble. He should have studied the viola sufficiently to enable him to play viola ensembles.

He should further demonstrate adequate ability in sight reading and should be able to sight-read simple piano accompaniments.

Bachelor of Music, Organ Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

ORGAN REQUIREMENTS

A. Requirements for Entrance

To enter the four-year degree course in organ the student should have completed sufficient piano study to enable him to play some Bach inventions, Mozart sonatas, easier Beethoven sonatas, compositions by Mendelssohn, Grieg, Schubert, Schumann, etc.

B. End of Second Year

At the end of the second year the student should have acquired the ability to play the following compositions or others of similar grade:

Bach (Schirmer Edition) Vol. I, No. 12, Prelude.

Vol. II, No. 17, Fugue in G minor.

(Ditson Edition) Selections from the Liturgical Year Organ Chorals.

Mendelssohn, Sonatas Nos. II, IV, V.

Guilmant, Sonata No. IV.

Hollins, Overtures C major—C minor.

Composition for the modern organ by standard American and foreign composers.

He should also demonstrate ability in sight reading, in the accompaniment of the classic oratorios and masses, and in general service playing, including playing in the C clefs.

C. End of Fourth Year

The candidate for graduation should have acquired ability in transposition at sight, open score reading and improvisation. He should have a large repertory of organ literature of all schools, classic and modern, of the degree of difficulty indicated by the following:

Bach (Schirmer Edition) Vol. IV, No. 4, Fantasia and Fugue, G minor.
 Vol. IV, No. 7, Prelude and Fugue, B minor.
 Vol. II, No. 12, Prelude and Fugue, D major.
 Book V, Sonatas.

Franck, Chorales, Piece Heroique.

Widor, Symphonies Nos. V to X.

Guilmant, Sonata D minor, No. 1.

Vierne, Symphonies Nos. I to V.

Compositions for modern organ of same grade of difficulty by standard American and foreign composers, such as Sowerby, Reger, Karg-Elert, Tournemire, Dupre, Liszt.

VIOLONCELLO REQUIREMENTS

A. Entrance Requirements

To enter the four-year degree course in 'cello, the student should be able to play all major and minor scales in three octaves and an étude by Dupart or Merk. He should also be able to play one slow and one fast movement of a classical sonata, such as the one by Carolli in D Minor and a fast movement of the same difficulty as the first movement of the Concerto in B Minor by Goltermann.

B. End of Second Year

At the end of the second year, the student should have acquired adequate technique to play all major and minor scales and arpeggios in four octaves at a rapid tempo as well as scales in octaves, thirds and sixths in two octaves.

The student should have studied compositions of the same difficulty as the St. Saens Concerto, easier movements from the Bach Suites for Cello alone and the Sonata in G Major by Sammartini.

Knowledge of the ensemble literature including the easier trios and quartets by Beethoven, Brahms, Haydn, and Mozart should be attained by the end of the second year. The student must have acquired the ability to read ensemble and orchestra parts of moderate difficulty at sight, and to play simple piano accompaniments.

C. End of Fourth Year

The candidate for graduation must be able to play all major and minor scales and arpeggios in four octaves at a rapid tempo with various bowings. He

must be able to play at a moderate tempo, scales in octaves, thirds and sixths in three octaves.

The student should have in his repertory, two of the Beethoven, one of the Brahms sonatas for cello and piano, an American composition in large form, a concerto of the same difficulty as the Lalo concerto and a number of pieces such as: "At the Fountain" by Davidoff and the "Spinning Song" by Popper.

The candidate's playing knowledge of the ensemble literature will include the classics and the moderns. He must not only be able to play a program very well by memory, but he must also be able to demonstrate that he has enough ensemble and orchestral experience to put him in the professional class. He should be able to sight read simple piano accompaniments.

CLARINET REQUIREMENTS

A. Entrance Requirements

To enter the four-year degree course in clarinet the student should have an elementary knowledge of the pianoforte.

He should have acquired the fundamentals of good tone production, breath control and hand position; an elementary knowledge of major and minor scales and arpeggios; and the ability to perform material such as is contained in the Langenus Clarinet Method, Part I. He should have studied one or more solo numbers of good musical quality not too difficult for him to play well.

B. End of Second Year

At the end of the second year of the course the student should have acquired a thorough knowledge of all the major and minor scales and arpeggios; have studied the études of Rose and the earlier books of Jean-Jean; have acquired the ability to perform well works of the difficulty of the Spohr Concerto No. 1, the Weber Concerto No. 1 and Grand Duo Concertante and the Saint-Saens Sonata.

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, and should demonstrate sufficient ability to take part in the performance of easier ensemble numbers and hold the second clarinet chair in symphonic works. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show adequate technique and musicianship for the competent performance of such works as the Mozart Concerto, the Debussy Rhapsodie and the Weber Concerto No. 2; also a knowledge of such sonatas for clarinet and piano as those by Brahms, Reger, Mason, Sowerby, Bernstein, and Tuthill.

During the four-year course the student should have at least two full years of practical orchestral experience, two years of band and two years of ensemble. He should be competent to hold the first clarinet chair in symphonic works.

He should further demonstrate adequate ability in sight reading. He should be able to sight-read simple piano accompaniments and be able to transpose fluently on the Bb clarinet parts written for C and A clarinets.

TRUMPET REQUIREMENTS

A. Entrance Requirements

To enter the four-year degree course in trumpet the student should have an elementary knowledge of the pianoforte.

He should have acquired the fundamentals of good tone production and breath control; an elementary knowledge of all major and minor scales and arpeggios; and the ability to perform material such as is contained in the Williams method, Part II or Lillya, Book II or the like. He should have studied one or more solo numbers of good musical quality such as Balay, *Petite Piece Concertante* or Fitzgerald, *Modern Suite*.

B. End of Second Year

At the end of the second year of the course the student should have acquired a thorough knowledge of all major and minor scales and arpeggios; have studied such études as may be found in the Arban Method, Gatti, Part II or Petit, *15 Technical Etudes*, as written and also transposed as for C and A trumpets; have acquired the ability to perform well works of the difficulty of Balay, *Piece de Concours* and Ropartz, *Andante and Allegro*.

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, and should demonstrate sufficient ability to hold second chair in the performance of works for orchestra and band. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show adequate technique and musicianship for the competent performance of such works as the Hayden and Giannini concertos, the Fitzgerald Concerto in A flat and the Vidal Concertino and the sonatas of Hindemith and Sowerby.

During the four-year course the student should have had four full years of orchestral and band experience and be able to transpose and play readily parts written for trumpets in all keys. He should be competent to hold first chair in orchestra and band, and be able to read at sight with facility. He should also be able to read simple piano accompaniments at sight.

OUTLINE OF FOUR-YEAR COURSES

Bachelor of Music, Concentration in Applied Music LOWER DIVISION (FRESHMAN AND SOPHOMORE YEARS)

	Piano	Organ	Voice	Orchestral Instru- ments
Major Subject	20	16	14	20
Theory 111-112, 211-212	16	16	16	16
Applied minor	8			
Piano minor		12	8	8
English 101-102	6	6	6	6
Bible	6	6		6
Physical Education	4	4	4	4
Ensemble	4		2	4
Conducting		2	2	2
Church Music		3		
Foreign Language			14	
	—	—	—	—
Total semester hours	64	65	66	66

UPPER DIVISION (JUNIOR AND SENIOR YEARS)

Major Subject	20	20	16	20
Applied Elective	8	8	8	8
Counterpoint 311-312	6	6	6	6
Form and Analysis 351-352	4	4	4	4
History and Appreciation 202, 301-302	8	8	8	8
Academic electives	12	12		12
Bible			6	
Foreign Language			8	
Piano Techniques 391-392	4			
Recital	2	2	2	2
Ensemble			4	2
Vocal Ensemble		2		
	—	—	—	—
Total semester hours	64	62	62	62
Total required for graduation	128	127	128	128

BACHELOR OF MUSIC EDUCATION DEGREE

The course of study leading to the degree of Bachelor of Music Education is so planned as to prepare students to teach vocal and instrumental music in the public schools on both the elementary and secondary level. All students must achieve the minimum attainments in vocal and instrumental performance, with opportunity to specialize in voice, piano, or other instruments beyond those minimum attainments. Since many who go out to teach are expected to handle both vocal and instrumental work, all who receive the degree must show reasonable proficiency in both fields, with solo performing ability in at least one field.

To receive this degree, the candidate must have completed the work listed in the suggested course of study. He must play or sing creditably in the regular recitals of the department and must participate in one or more of the campus musical organizations, throughout his college course. The standards established for this degree by the National Association of Schools of Music, of which we are a member, require forty hours of academic subjects.

The State Department of Education awards the State Provisional Certificate for teaching in the public schools to all who graduate with the degree of Bachelor of Music Education.

Minimum Requirements in the Applied Major Field for Music Education Majors

The candidate for graduation with the degree of Bachelor of Music Education must have completed the requirements prescribed for the end of the second year of the Bachelor of Music course in his major applied field, listed elsewhere in this bulletin.

Minimum Requirements in Applied Music for all Students in Music Education

Graduates of this curriculum must have a sufficient knowledge of the piano to enable them to serve themselves and their communities. As a minimum this will include the ability to play simple accompaniments and community songs with ease.

Graduates of this curriculum are required to take four semester hours of private vocal instruction. At the end of the second consecutive semester of voice, a student may apply to the vocal department to be excused from the third and fourth semesters, and if after an examination in singing, sight singing and general vocal knowledge, the jury of voice teachers considers the performance satisfactory, the request may be granted.

Graduates of this curriculum must satisfactorily complete Music 125-126, 189-190, and 193-194 as a minimum requirement in instrumental music.

OUTLINE OF COURSE IN MUSIC EDUCATION

LOWER DIVISION (FRESHMAN AND SOPHOMORE YEARS)

Applied Music	12 hours
Theory 111-112, 211-212	16 hours
Instrumental Classes 193-194, 189-190	6 hours
Physical Education 101-102, 201-202	4 hours
Psychology 201 or 202	3 hours
Education 101 or 102	3 hours
English 101-102	6 hours
Bible	6 hours
Conducting	2 hours
Speech	3 hours
Ensemble	4 hours
Academic electives	3 hours
Total	68 hours

UPPER DIVISION (JUNIOR AND SENIOR YEARS)

Applied Music	12 hours
Counterpoint 311	3 hours
Instrumental classes 125-126	2 hours
History and Appreciation 202, 301-302	8 hours
Instrumentation 461	3 hours
Music Methods 327, 372, 482	9 hours
Education 202, 203, 425, 426, 431, 432	14 hours
Ensemble	2 hours
Academic Electives	15 hours
Total	68 hours

BACHELOR OF ARTS—WITH MUSIC MAJOR OR MINOR

A. Musical Theory as Major Subject

1. A minimum of 16 hours of Theoretical subjects.
2. A minimum of 4 hours of History of Music.
3. A minimum of 4 hours of junior or senior level, chosen in the field of concentration, in addition to 1 and 2.
4. A minimum of 8 hours in elective subjects, chosen in the field of concentration or in some related field.
5. A minimum of 8 hours in applied music. The candidate must have completed the requirements in his chosen field of applied music, normally reached at the end of the first year of work by students of the course leading to the Bachelor of Music Degree.

B. Applied Music as Major Subject

1. A minimum of 16 hours in Theoretical subjects.
2. A minimum of 4 hours in History of Music.
3. A minimum of 16 hours of Applied Music. The candidate for graduation must have completed the requirements in his chosen field of applied music laid down for the end of the second year of the course leading to the Bachelor of Music degree in his chosen field as outlined elsewhere in this bulletin.

(When some other instrument than piano is chosen as the applied field,

the candidate must demonstrate sufficient pianistic ability to enable him to meet the practical requirements of the courses pursued.)

4. A minimum of 4 hours in Form and Analysis.
5. The minimum requirements of the Bachelor of Arts curriculum must be met, in making up the balance of academic hours to complete the one hundred twenty-four required for graduation.
6. Public performance in the applied subject is stressed in section B.
7. One hour credit for one-half hour private lesson, plus one hour daily practice is granted in applied work.

C. Applied Music as a Minor Subject

1. A total of 16 hours constitutes a minor.
2. A minimum of 8 hours shall be completed in Theory 111-112.
3. Ensemble credit may not be counted in the 16 hours.

COURSES OF INSTRUCTION

HISTORY AND APPRECIATION OF MUSIC

104. CHURCH MUSIC. *3 hours*

The function of music in worship; hymnology; congregational singing; organization and administration of a music program from the primary department of a church school through the senior choir. This course is designed for all who expect to be associated with church work.

202. INTRODUCTION TO MUSIC HISTORY. *2 hours*

An introductory study of music and composers since Bach and Handel, to prepare students for the systematic study of music history. Class meets three times a week. Course fee \$2.00. Not offered in 1953-54.

301-302. HISTORY AND APPRECIATION. *6 hours*

A survey course of history of music, designed to give the pupil a vital conception of the development of music from ancient to modern times. Emphasis on directly experiencing music through listening, singing and analysis of representative works from each period. Prerequisite: Music 202 or permission of instructor. Course fee \$3.00 a semester. Offered in alternate years.

THEORETICAL MUSIC

Comprehensive work in theoretical music is best attained by taking courses 111-112, 211-212, 311-312, 351-352 in consecutive years.

105. INTRODUCTION TO MUSIC. *2 hours*

Beginning theory, sight singing, ear training, dictation. For majors in Elementary Education only.

111-112. THEORY I. *8 hours*

Including beginning harmony, solfeggio, and ear training. This is modeled upon the idea of uniting all the elements of rudimentary theory into one integrated subject. Class meets five times each week, four hours credit.

151-152. EAR TRAINING. *No Credit*

For music majors who need additional practice in melodic dictation and sight singing.

- 211-212. THEORY II. *8 hours*
 Including advanced harmony, solfeggio, and ear training. A continuation of the work begun in the course 111-112. Taking up more difficult rhythmic and tonal relationships; through modulations into the higher forms of harmony, with considerable attention paid to keyboard harmony. Dictation, analysis and origin of composition, with advanced ear training and solfeggio.
- 311-312. COUNTERPOINT. *6 hours*
 The art of combining melodies as exemplified in the works of the sixteenth century masters. The five species in varying combinations are taught and the student is required to do some creative work employing his own *canti fermi*. 211 and 212 are prerequisite to this subject.
- 351-352. FORM AND ANALYSIS. *4 hours*
 Study and analysis of the fundamentals involved in the science of music. From the simplest phrase to song-form with trio. The relation of Harmony to Musical Form. Not offered in 1953-1954.
354. ADVANCED HARMONY. *1 hour*
 Harmonic Analysis of representative compositions from Wagner's "Tristan and Isolde," through Debussy, to contemporary music, with emphasis on the changes of harmonic practices. Not offered in 1953-1954.
- 393-394. SPECIAL PROBLEMS IN THEORY, HISTORY AND
 LITERATURE OF MUSIC. *1-4 hours*
 Advanced study in counterpoint, form and analysis, music history and literature. Open by special permission to third- or fourth-year music students.
- 401-402. COMPOSITION. *4 hours*
 Analysis of Canon and Fugue and advanced forms of the polyphonic style. Free, original composition of vocal and instrumental short forms. 351-352 are prerequisite to this subject.
461. INSTRUMENTATION I. *3 hours*
 Practice in arranging music for string orchestra and smaller combinations. Arranging for wind instruments in combination and for full orchestra and band. Study of ranges and transposition.

METHODS

204. CONDUCTING. *2 hours*
 Practice in the use of the baton. Observation and study of rehearsal techniques. Problems of the conductor of public school music groups. Practice in score reading. Offered in alternate years.
220. METHODS FOR ELEMENTARY TEACHERS. *2 hours*
 The child voice, materials and methods, from the viewpoint of the elementary teacher. For majors in Elementary Education only.
327. MUSIC EDUCATION I. *3 hours*
 The child voice. Philosophy of music education. Materials and methods for elementary grades. For majors in Music Education.

372. MUSIC EDUCATION II. 3 hours

The adolescent voice; voice class methods; problems, materials and methods in junior and senior high school vocal music.

391-392. TECHNIQUES IN PIANO TEACHING. 4 hours

Illustrating modern methods of piano instruction for children of all ages, this course is open to teachers of piano, as well as to students preparing to teach. Seven essential principles are stressed: Teaching Materials; Sight Reading; Piano Technique; Pedal Training; Ear Training and Harmony; Dalcroze Eurythmics; Memorizing.

482. MUSIC EDUCATION III. 3 hours

Organization of school bands, orchestras, instrumental classes. Advanced conducting, materials, and rehearsal procedures.

CLASSES IN APPLIED MUSIC

100. PREPARATORY INSTRUCTION. No credit

Preparatory instruction in applied music for any student who is not qualified to pass the entrance requirements in voice or any of the instrumental fields.

121-122. VOICE CLASS. 2 hours

For beginners. Fundamentals of production, diction and interpretation of easy song materials. Individual problems analyzed and corrected.

125-126. STRING CLASS. 2 hours

For beginners. Attention to the fundamentals of Violin technique. Required in the course leading to the Degree of Bachelor of Music Education.

189-190. WOODWIND CLASS. 2 hours

For beginners. Candidates for the Degree of Bachelor of Music Education are required to take this course. Correct principles of embouchure are taught.

193-194. BRASS AND PERCUSSION CLASS. 4 hours

Fundamentals in the realm of brass and percussion instruments of the Band and Orchestra are taught. All candidates for the Degree of Bachelor of Music Education must take this course.

PRIVATE LESSONS

Piano—L. Frank	701-702	Voice—R. Hohn	717-718
Piano—P. Frank	705-706	Voice—Shackson	721-722
Piano—Harris	711-712	Violin—Johnston	725-726
Organ—L. Frank	713-714	Woodwind—Seelenbinder,	
Organ—Harris	727-728	Brobst	789-790
Piano—E. Hohn	715-716	Brass—Westrich	793-794
		Percussion—.....	795-796

Ensemble

Glee Clubs	119-120—2 hours
Vocal	119v-120v—2 hours
A Cappella Choir	119AC-120AC—2 hours
Orchestra	127-128—2 hours
Piano Ensemble	195-196—2 hours
Instrumental Ensemble	193i-194i—2 hours
Band	191-192—2 hours
Brass Choir	191i-192i—2 hours

Credit for Senior Recital

Piano	750p—2 hours
Voice	750s—2 hours
Violin	750v—2 hours
Cello	750c—2 hours
Wind	750w—2 hours
Organ	750o—2 hours

EXPENSES

Bachelor of Music or Bachelor of Music Education

The cost of instruction, both class and private, for one semester is \$235.00. Each student is allowed three private lessons per week in applied music. Students desiring more than three lessons per week will pay for the additional lessons at the rate listed below. The above does not include matriculation, laboratory fees, or rental of instruments. More than nine academic hours will be charged at \$14.00 per hour.

Bachelor of Arts With Music Major

The candidate in this field may do one of two things. He may pay the regular semester fee of \$215.00 adding the fees for applied music at private rates, or pay the rates for private lessons in applied subjects, adding \$16.00 for each hour of academic subjects taken.

Private Instruction per Semester

The tuition charge for private lessons in piano, voice, organ, string, wood-wind, or brass instruments is \$40.00 a semester for one half-hour lesson a week and \$65.00 for one hour lesson a week.

Special rate for private lessons for students in the public schools, \$30 a semester for one half-hour lesson a week.

Glee Clubs, Band, Brass Choir, Orchestra, and A Cappella Choir will be charged at the rate of \$3.00 for each credit hour.

Rental of Organ per Semester

One hour per day\$25.00

Rental of Piano per Semester

One hour per day\$5.00

V. The Division of Professional Studies

Professor McMillan, *Chairman*

Departments: Air Science, Education, Home Economics, Physical Education,
and Music Education

AIR SCIENCE AND TACTICS

Faculty: Professor Kiefer, Chairman; Instructor Chambers

Satisfactory completion of outlined courses and other Air Force requirements will make the student eligible for a commission in the United States Air Force Reserve. (See page 27 for details.)

Basic Courses (101-102; 201-202) are open to all physically qualified male students. Advanced courses (301-302) are open to physically qualified male students who are accepted by the Professor of Air Science and Tactics. All interested students should confer with a member of the department prior to registration.

101-102. BASIC AIR SCIENCE.

2 hours

Introduction to Aviation, Fundamentals of Global Geography, International Tensions and Security Organizations, Instruments of National Military Security and Leadership, Drill and Exercise of Command.

201-202. BASIC AIR SCIENCE.

2 hours

Elements of Aerial Warfare; Introduction to Targets, Weapons, Aircraft, Air Ocean, Bases and Forces. Review of careers in the U.S. Air Force, Leadership Laboratory consisting of Drill and Exercise of Command. Prerequisite: 101-102 or equivalent.

301-302. ADVANCED AIR SCIENCE.

6 hours

The Air Force Commander and his staff, Problem Solving Techniques, Communications Process and Air Force Correspondence, Military Law, Boards and Courts, Applied Air Science, Aircraft Engineering, Navigation and Weather, Air Force Base Functions and Leadership Laboratory. Prerequisite: Basic course or equivalent and approval of the Professor of Air Science and Tactics.

EDUCATION

Faculty: Professor McMillan, Chairman;

Associate Professor Pagean; Assistant Professor Harshman;

Instructors Boone and Fuller

The broad, inclusive aim of the Department of Education is to help prospective teachers to acquire knowledge, understanding, and attitudes which they will need in order to become successful workers in the public schools. As a corollary to this general purpose, the Department of Education is charged

with the specific responsibility of providing those professional courses and activities which are required to comply with existing teacher certification laws and regulations of Ohio and neighboring states. Students who, in completing a course leading to a Bachelor of Arts or Bachelor of Science degree, have so arranged their work as to meet the requirements in education, will receive state teachers' certificates. The degree of Bachelor of Science in Education is granted to those students who complete the course in Elementary Education and may be granted to those in Secondary Education who prefer a professional degree to one in liberal arts.

Students are admitted to the Department of Education as candidates for State Provisional Teacher Certificates on election by the department. Those students are elected whose grades in the Ohio State Psychological Test meet the minimum standard set by the Ohio College Association and whose character, personality, and general college work are such as to indicate that they will be successful as teachers. General Psychology and Introduction to Education are prerequisites for admission to the department. They may be taken during the freshman year. Students from other departments who wish to elect individual courses may do so by permission of the department.

The academic work in the department is organized on the expectation of an average of one and one-half hours of study for each meeting of the class.

A college major consists of twenty-four hours; a college minor of fifteen hours. Not to exceed three hours of General Psychology may be counted toward a college major or minor in education.

Secondary Education

In addition to the general requirements mentioned above, the following are the requirements for the Ohio State Provisional Teacher Certificate:

1. Any of the following degrees: B.A., B.S., B.S. in Ed., or B.Mus.Ed.
2. A definite outline of courses is required by the State of Ohio in practically every teaching field and it is essential that the student's schedule be carefully checked against these requirements. In the case of a student who wishes a certificate from a state other than Ohio, a careful check should be made of its requirements.
3. The following specific courses: Psychology 201 or 202, Education 101 or 102, 202, 203, 425-426, 431-432, and special methods in the academic field chosen by the student.
4. The Department of Education also requires Speech 105 or 106. The following curricula are laid out to meet the requirements of the state laws of Ohio governing the certification of persons to teach in the public secondary schools:

REQUIREMENTS FOR THE DEGREE OF B.S. IN ED.

Secondary Field

FRESHMAN YEAR		Hours	SOPHOMORE YEAR		Hours
English Composition	6		Religion	6	
Physical or Biological Science	6		Practical Speech	3	
Social Studies	6		Educational Psychology	3	
Introduction to Education	3		School Administration	3	
General Psychology	3		Major Teaching Field	6	
Major Teaching Field	6		Second Teaching Field	6	
Physical Education	2		Physical Education	2	
			Elective	3	
		32			32
JUNIOR YEAR		Hours	SENIOR YEAR		Hours
English Lit. or Humanities	6		Principles and Techniques of Classroom Teaching	4	
Special Methods in Major Teaching Field	2		Student Teaching	4	
Major Teaching Field	6		Major Teaching Field	6	
Second Teaching Field	6		Second Teaching Field	3	
Third Teaching Field	6		Third Teaching Field	9	
Electives	6		Electives	6	
		32			32

Students who wish to be prepared to teach in the state of Pennsylvania should take 6 instead of 4 hours of Student Teaching and should include the History of Pennsylvania as described in the History Department under History 201-202.

Suggested Outline for the Ohio State Provisional Certificate with the degree of B.A. or B.S.*

Secondary Field

FRESHMAN YEAR		Hours	SOPHOMORE YEAR		Hours
English Composition	6		Religion	6	
Physical or Biological Science	8		Foreign Language or Elective	6	
Foreign Language	8 or 6		Introduction to Education	3	
Social Studies	6		General Psychology	3	
Speech	3		Physical Education	2	
Physical Education	2		Statistics	3	
			Elective	9	
		33 or 31			32
JUNIOR YEAR		Hours	SENIOR YEAR		Hours
English Lit. or Humanities	6		Principles and Techniques of Classroom Teaching	4	
Educational Psychology	3		Student Teaching	4	
School Administration	3		Elective	24	
Special Methods in Major Teaching Field	2				
Elective	18				
		32			32

* For the B. S. degree, 6 hours of Mathematics and 6 hours of Physics are also required.

Elementary Education

The program of Elementary Education is set up with three specific purposes in mind: first, that certain basic backgrounds are essential for rich understandings of the persistent social problems; second, that one must have sensitivity to and knowledge of specific teaching procedures that make for maximum growth and development of children; and third, that one matures and becomes an integrated personality as one learns to interpret knowledges and understandings through consistent, first-hand experiences with situations in which these knowledges are utilized.

The following curriculum is laid out to meet the requirements of the state laws of Ohio and surrounding states governing the certification of persons to teach in the public elementary schools:

REQUIREMENTS FOR THE DEGREE OF B.S. IN ED.

Elementary Field

FRESHMAN YEAR

	Hours		Hours
Introduction to Ed. ....Ed. 101	3	Gen. Psychology .....Psy. 202	3
English .....Eng. 101	3	English .....Eng. 102	3
Natural Science .....N.S. 101	4	Natural Science .....N.S. 102	4
History of Civ. ....Hist. 101	3	History of Civ. ....Hist. 102	3
Introduction to Music .Mus. 105	2	Music Methods .....Mus. 220	2
Physical Education .....P.E. 101	1	Survey of El. Ed. ....Ed. 152	1
		Physical Education .....P.E. 102	1
	<hr/> 16		<hr/> 17

SOPHOMORE YEAR

	Hours		Hours
Educational Psych. ....Ed. 203	3	Child Guidance .....Ed. 256	3
Sociology .....Soc. 201	3	Sociology .....Soc. 202	3
Humanities .....Human. 201	3	Humanities .....Human. 202	3
Fine Arts .....F.A. 121	2	Fine Arts .....F.A. 282	2
Children's Lit. ....Ed. 253	3	Children's Lit. ....Ed. 254	2
Physical Education .....P.E. 201	1	Physical Education .....P.E. 202	1
Electives	2	Teaching Participation .Ed. 258	2
	<hr/> 17		<hr/> 16

JUNIOR YEAR

	Hours		Hours
Religion .....Rel. 201	3	Religion .....Rel. 202	3
Geography .....Geog. 101	3	Sociology .....Soc. 204	3
American History ....Hist. 201	3	American History ....Hist. 202	3
Practical Arts .....Ed. 259	3	Practical Speech .....Sp. 106	3
Methods, Reading ....Ed. 351	3	Methods, Skills .....Ed. 352	3
Intro. to Pre-School ...Ed. 357	2	Pre-School .....Ed. 358	2
	<hr/> 17		<hr/> 17

SENIOR YEAR

		Hours			Hours
Prin. of El. Ed.	Ed. 455	2	Management	Ed. 464	2
Methods, Content	Ed. 453	3	Student Teaching	Ed. 462	12
Hygiene, Health	P.E. 303	3	Electives		3
Health Activities	P.E. 313	3			
Electives		6			
		—			—
		17			17

General and Secondary Courses

101 or 102. INTRODUCTION TO EDUCATION. *3 hours*

This is a survey course, the aim of which is to orient prospective teachers to life and to education in its wider aspects. Careful attention is given to teaching how to study, and this is combined with testing, individual diagnosis, and guidance. Course fee \$1.00.

202. SCHOOL ADMINISTRATION. *3 hours*

Young teachers are sometimes handicapped by the idea that their success depends entirely upon their work as instructors, and that all other duties and responsibilities may be ignored. The object of this course is to assist prospective teachers in understanding those relationships and responsibilities which lie over and above their classroom duties and which have much to do with success or failure. Prerequisite: General Psychology.

203. EDUCATIONAL PSYCHOLOGY. *3 hours*

It is the purpose of this course to assist the student, who has had a basic training in general psychology, in making application of psychological principles to problems of human welfare and happiness through the medium of contemporary education. Prerequisites: General Psychology and Introduction to Education.

307 or 308. TESTS AND MEASUREMENTS FOR TEACHERS. *3 hours*

A survey of the history and development of educational tests and measurements with a careful examination of the methods of constructing tests in actual teaching situations. A feature of this course is the preparation of a testing program in the student's major field of study.

425-426. PRINCIPLES AND TECHNIQUES OF CLASSROOM TEACHING. *4 hours*

(General Methods with Observation.) This course is designed to give the student familiarity with the various problems of the classroom and to acquaint him with the various methods and devices which have been employed or suggested for dealing with these problems. There will be a general survey of literature of classroom technique. Must be taken with Education 431-432. Prerequisite: General Psychology.

431-432. STUDENT TEACHING, SECONDARY FIELD. *4 hours*

The prospective teacher is given actual experience in teaching in a public high school, under the supervision of critic teachers and the director of training.

All student teachers are required to have frequent individual conferences with critic teachers as well as with the director. This course must be taken with Education 425-426. There is a fee of \$5.00 a semester hour for this course. Prerequisites: Course 203 and one course in public speaking. Two hours each semester.

491 or 492. **ADVANCED PROBLEMS AND BIBLIOGRAPHY.**

Hours to be arranged.

Credit to be arranged.

MATHEMATICS 131 OR 132. AN INTRODUCTION TO ELEMENTARY STATISTICS.

3 hours

No prerequisite beyond high school algebra. Intended for students from the departments of Economics, Education, and Sociology. (See Department of Mathematics.)

SPECIAL METHODS.

Courses in special methods are offered in the following departments: Biology, Chemistry, English, Foreign Language, History and the Social Sciences, Home Economics, Mathematics, Physical Education, Physics, and Speech. These courses should be taken in the junior year. For description, see the department concerned.

Elementary Courses

152. **SURVEY OF ELEMENTARY EDUCATION.**

1 hour

An analysis of factors of competency essential to the teaching profession and observation of various agencies such as orphanages, juvenile court, day nursery and the like which deal with young children. This course helps the student plan intelligently his educational experiences so as to best meet his individual needs.

253-254. **CHILDREN'S LITERATURE.**

First Semester, 3 hours;

Second Semester, 2 hours

The field of children's literature in the various areas of fanciful, realistic, poetic, and illustrative material is intensively investigated to give wide familiarity with the material available and to develop the ability to select wisely. The first semester emphasizes the material and its selection—the second semester provides practice in its use. Story telling and effective oral reading of both prose and poetry are practiced. Development of effective use of voice is an integral part of the course.

256. **CHILD GUIDANCE AND DEVELOPMENT.**

3 hours

A study of the nature of the child from infancy through beginning adolescence. This growth and development is considered from the standpoints of physical, social, and emotional needs. Discussion will include home as well as school. Observation and case studies of individual children will be required of each student.

257-258. **TEACHING PARTICIPATION.**

2 hours

Each student will have two hours service experience under the supervision

of the Department of Elementary Education. Fee, \$2.00 a semester hour.
Hours to be arranged.

259. PRACTICAL ARTS. 3 hours

Experience in the use of the basic craft materials is provided in this course. Opportunity for work with wood, leather, metals, clay, plastics, weaving, puppetry, and the like is included in its offerings. It is hoped that this may serve the double purpose of encouraging creativity and resourcefulness upon the part of the student as well as providing experience in the use of these materials. Laboratory fee \$2.00 a semester hour.

The following four courses form a major sequence in elementary education. This sequence includes three courses in teaching methods and a summary course in principles and education. The purpose is to develop understanding and attitudes regarding the program of the elementary school that lead to an intelligent development of curriculum material which would most effectively make the school program an integrated experience for the child's whole living. Throughout the entire sequence students have ample opportunity for actual participation in the classroom experiences.

351. METHODS, READING. 3 hours

This includes language arts, oral and written expression, creative writing, and the techniques of the teaching of reading. Fee, \$1.00 a semester hour.

352. METHODS, SKILLS. 3 hours

This includes the subjects of arithmetic, spelling, and writing as they become useful tools in an integrated experience. Fee, \$1.00 a semester year.

357. INTRODUCTION TO PRE-SCHOOL EDUCATION. 2 hours

An introductory study of the interests and characteristics of the pre-school child and the psychological facts and educational principles involved in child development and instruction at these age levels.

358. PRE-SCHOOL EDUCATION. 2 hours

The curriculum and activities; the teacher's program; records and reports; home-school relationships. How to analyze and interpret teaching situations and to evaluate learning experiences of the child.

453. METHODS, CONTENT SUBJECTS. 3 hours

This includes the planning, organization, resources, and possible activities of typical units of study at various age levels according to children's interests.

455 or 456. PRINCIPLES OF ELEMENTARY EDUCATION. 2 hours

This course is designed to help the student draw out the basic principles of education as they are established from the preceding courses and experiences. Teachers' responsibility for in-service growth, and various types of professional organizations and their purposes will be discussed. Consideration will also be given to the interpretation of modern education to parents, community, and lay persons in general.

461-462. STUDENT TEACHING, ELEMENTARY FIELD. 12 hours

The entire morning is spent in the teaching situation in order to familiarize the student with all the problems of teaching. It is planned that wherever possible approximately 9 weeks of the experience will be in a rural school and 9 weeks in a town school. Student will concentrate on student teaching during this semester. There is a fee of \$30.00 for this course.

463 or 464. SCHOOL MANAGEMENT, SEMINAR. 2 hours

This group seminar is for those doing student teaching and should be taken during that period. The group will share and discuss problems of school management and teaching procedures that arise in their teaching situations and critically analyze and evaluate these practices in the light of the best educational values.

HOME ECONOMICS

Faculty: Assistant Professor Mettler, Chairman; Instructor Joyce.

The curriculum in Home Economics is designed to provide an educational program for home and family living. It includes training in homemaking and for professions which deal with problems of the home.

Students who major in home economics are prepared for homemaking, for teaching, and for positions in the commercial field. Basic courses are provided for those who desire training in dietetics, food service, and nursery school work.

Non-majors may elect home economics courses 101, 102, 206, 211-2, 305, and 407-8 which require no prerequisites. They may take advanced courses if the prerequisites are met.

Twenty-four hours are required for a major and fifteen hours for a minor. The satisfactory completion of the following program qualifies a student for a Bachelor of Arts degree. The Bachelor of Science degree in Education is awarded to students who satisfy the requirement for teaching.*

HOMEMAKING CURRICULUM—B.A. DEGREE

	Hrs. per Semester			Hrs. per Semester	
	1st	2nd		1st	2nd
FRESHMAN YEAR			SOPHOMORE YEAR		
Clothing 101	3	—	Foods 211-2	3	3
Design 121	2	—	Child Development 206	—	3
Textiles 102	—	3	Chemistry 101-2, or 103-4	4	4
Interior Decoration 232	—	2	Foreign Language*	3	3
English 101-2	3	3	Religion	3	3
Psychology 202	—	3	Physical Education 201-2	1	1
Speech 105	3	—	Electives	3	—
Foreign Language*	4	4		—	—
Physical Education 101-2	1	1			
	16	16		17	17

* Students who are interested in teaching and expect to receive the B. S. in Education degree need not meet the language requirement for graduation and should elect courses in education: 101 or 102, 202, 203, 425-6, 431-2, and Methods in Teaching Home Economics 320.

Students who are interested in the commercial field in home economics should elect courses in business administration, sociology, and journalism.

For those who wish to prepare for graduate study and for dietetics, the following science courses are recommended: Biology 101-2, 321-2.

	Hrs. per Semester			Hrs. per Semester	
	1st	2nd		1st	2nd
JUNIOR YEAR			SENIOR YEAR		
Costume Design 231	2	—	Home Management 315	3	—
Advanced Clothing 304	—	3	Home Management Residence 418	—	3
The House 215	3	—	Equipment and Furnishings 305	2	—
Chemistry 205	4	—	Nutrition 312	—	3
Economics 103-4	3	3	Experimental Foods 302	—	3
Bacteriology 305	4	—	The Family 204	—	3
Sociology 201-202	3	3	Literature or Humanities	3	3
Electives	—	5	Electives	9	2
	—	—		—	—
	19	14		17	17

Courses of Instruction

101. CLOTHING. 3 hours
 Clothing construction with special emphasis on the selection and care of clothing. Prerequisite or concurrent. Course fee \$2.50.
102. TEXTILES. 3 hours
 This course includes a study of fibers, yarns, construction and finishes of fabrics in relation to the purchase and use of textiles. Course fee \$2.50.
206. CHILD DEVELOPMENT. 3 hours
 A study of the development, care and training of the pre-school child. Desirable prerequisites: Psychology 201 or 202.
211. FOODS. 3 hours
 A study of foods in relation to selection and preparation with a special emphasis on principles and methods which apply to foods used in meal preparation. Course fee \$7.50.
212. FOODS. 3 hours
 Study of foods in relation to meals with special emphasis on food buying, planning, and preparation. Prerequisite: Foods 211. Course fee \$7.50.
215. THE HOUSE. 3 hours
 A study of problems in the selection of the home and its furnishings in accordance with principles of art, economics, and efficiency as they relate to the home and social living. Prerequisites: Interior Decoration 232 and Elementary Design 121. Course fee \$2.00.
302. EXPERIMENTAL WORK AND DEMONSTRATION TECHNIQUES IN FOOD. 3 hours
 Experiences provided in experimental work in problems involved in food preparation and in techniques employed in the demonstration of foods and equipment. Prerequisites: Foods 211-212 and Chemistry 205. Course fee \$7.50.
304. ADVANCED CLOTHING. 3 hours
 A study of special problems concerned with the buying of clothing and the construction of a tailored garment. Two laboratories and one lecture. Pre-

requisites: Clothing 101, Textiles 102, and Costume Design 231. Course fee \$2.50.

305. SELECTION OF FURNISHINGS AND EQUIPMENT FOR THE HOME. *2 hours*

A study of the principles involved in the selection and care of furnishing and equipment for the home. Course fee \$2.50.

312. NUTRITION. *3 hours*

A study of the essentials of an adequate diet, with practical application of the principles of nutrition to the planning of dietaries for individuals and groups under varying economic and physiological conditions. Prerequisites: Foods 211-212 and Chemistry 205. Course fee \$7.50.

315. HOME MANAGEMENT. *3 hours*

A study of the economic, social, and physical phases of management to produce satisfaction and happiness in the home life. Prerequisites or concurrent: The House 215, Bus. Ad. 103-104 or Econ. 201-202.

320. METHODS IN HOME ECONOMICS. *2 hours*

For those preparing to teach home economics in the secondary schools. Consideration of laboratory equipment, course planning, and teaching problems.

417 or 418. HOME MANAGEMENT RESIDENCE. *3 hours*

Residence in the house for one-half semester. Experience in solving management problems and sharing homemaking activities. A charge is made to cover room and board during residence. Prerequisites: Foods 211-212 and Home Management 315.

DESIGN. *1 or 2 hours*

See course 121 in the Department of Visual Arts.

COSTUME DESIGN. *2 hours*

See course 231 in the Department of Visual Arts. Offered in alternate years.

INTERIOR DECORATION. *2 hours*

See course 232 in the Department of Visual Arts. Offered in alternate years.

MARRIAGE AND THE FAMILY. *3 hours*

See course 204 in the Department of Sociology.

Courses in Homemaking

Open to any student not majoring in the department of Home Economics.

217. PROBLEMS IN HOME AND FAMILY LIVING. *3 hours*

This course is intended to help the student to a better understanding of home and family living; with emphasis on a man's and woman's share in planning and management of the home, child care and development, clothing

selection and buying, feeding the family, and selecting home equipment and furnishings. Open to both men and women.

407-408. HOME MANAGEMENT. 3 hours

A course planned for non-majors. A study of the principles involved in utilizing and managing family resources.

Residence in home management house for a period of four weeks provides opportunity for application of these principles. Prerequisite: Foods 211. A charge is made to cover cost of board and room while in residence.

PHYSICAL EDUCATION

Faculty: Professor Martin, Chairman; Professor Ewing;
Assistant Professors VanSant and Richard West;
Instructors Geis and Edna West.

Physical Education is required of all freshmen and sophomores and consists of two hours a week of work in the gymnasium or athletic field for which one hour's credit a semester is given. Uniform gymnasium clothing is required.

A college major in Physical Education consists of twenty-four hours and may be a part of the requirements for the Bachelor of Arts degree.

A state major in Physical Education is offered qualifying the student for a certificate to teach Physical Education and to coach in the public schools of Ohio. The following courses are required:

Introduction to Education	101 or 102	3 hours
General Psychology	201 or 202	3 hours
School Administration	202	3 hours
Educational Psychology	203	3 hours
Principles and Techniques of Classroom Management.....	425-6	4 hours
Student Teaching	431-2	4 hours
Human Physiology	221-2	6 hours
Required Physical Education	101-2, 201-2	4 hours
Principles of Physical Education	301	3 hours
Organization and Administration of Physical Education	302	3 hours
Personal Health	303	3 hours
<i>The Teaching of Health</i>	304	3 hours
Coaching Football, Baseball, Basketball, & Track (men)	305, 6, 7, 8	8 hours
Sports Technique (women)	309-10	6 hours
Theory and Practice of Physical Education (men)	311-2	4 hours
Rythmics (women)	313	3 hours

Athletic Training and First Aid	316	2 hours
Community Recreation	318	3 hours
Officiating (men)	319-20	2 hours
Community Health	322	3 hours
Theory and Organization of Play (women)	323	2 hours
Methods of Teaching Physical Education (women)	324	2 hours
Methods & Materials for Gymnastics & Tumbling (men)	325	2 hours
Individual and Adapted Physical Education	326	2 hours

101-102. FRESHMEN. (MEN). *2 hours*

This work consists of soccer, speedball, cross country running, marching, calisthenics, gymnastics, games, softball, tennis, track, and field athletics for men. Towel fee \$3.00 a semester.

101-102. FRESHMEN. (WOMEN). *2 hours*

Archery, badminton, golf, tennis, baseball, field hockey, modern dance, volleyball, basketball, and bowling form the program for women. Laboratory fee \$3.00 a semester.

101a-102a. FRESHMAN. *2 hours*

Prescribed activities upon the advice of the college physician will be given to meet the college requirements for students not able to take 101-102. Towel fee \$3.00 a semester.

201-202. SOPHOMORES. (MEN). *2 hours*

The work is a continuation of that given in the freshman year with the addition of handball and some elementary apparatus work. Towel fee \$3.00 a semester.

201-202. SOPHOMORES. (WOMEN). *2 hours*

The work is a continuation of activities given in the freshman year. Laboratory fee \$3.00 a semester.

201a-202a. SOPHOMORES. *2 hours*

Prescribed activities upon the advice of the college physician will be given to meet the college requirements for students not able to take 201-202. Towel fee \$3.00 a semester.

203-204. HEALTH IN THE HOME. *2 hours*

This course is designed to direct the attention of the student to factors that will keep the members of the family in good health.

301. PRINCIPLES OF PHYSICAL EDUCATION. *3 hours*
This course will deal with the basic principles underlying various types of physical activity. Offered in alternate years.
302. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. *3 hours*
The various systems and methods of organizing and administering physical education activities will be studied in this course. Offered in alternate years.
303. PERSONAL HEALTH. *3 hours*
Principles covering health; designed for teachers of physical education. Offered in alternate years. Not offered in 1953-1954.
304. THE TEACHING OF HEALTH. *3 hours*
Methods and procedures in the teaching of health. Offered in alternate years. Not offered in 1953-1954.
305. FOOTBALL COACHING. *2 hours*
Open only to juniors and seniors. Offered in alternate years.
306. BASEBALL COACHING. *2 hours*
Open only to juniors and seniors. Offered in alternate years. Not offered in 1953-1954.
307. BASKETBALL COACHING. *2 hours*
Open only to juniors and seniors. Offered in alternate years. Not offered in 1953-1954.
308. TRACK COACHING. *2 hours*
Open only to juniors and seniors. Offered in alternate years.
- 309-310. SPORTS' TECHNIQUE. (WOMEN). *6 hours*
Principles, methods of teaching, coaching and refereeing individual and team sports for girls. Laboratory fee \$1.00 a semester. Offered in alternate years.
- 311-312. THEORY AND PRACTICE OF PHYSICAL EDUCATION ACTIVITIES. (MEN). *4 hours*
This course is designed for those preparing to teach health and physical education in high schools. Offered in alternate years. Laboratory fee \$1.00 a semester.
313. THEORY AND PRACTICE OF RHYTHMIC ACTIVITIES. *3 hours*
A study of dramatic and interpretative rhythms based on children's literature, the historical significance of types of folk dancing and their uses for school and recreational purposes, rhythm in movement and pageantry. Methods and practice in teaching rhythmic activities. This course is designed to meet the needs of music, elementary education, and physical education majors. Laboratory fee \$1.00.

316. ATHLETIC TRAINING AND FIRST AID. *2 hours*

First Aid to injured in the home, school, and community with particular consideration for those injuries that occur in physical education and competitive sports.

318. COMMUNITY RECREATION. *3 hours*

This course is designed for those interested in the promotion and direction of leisure time activities covering the causes contributing to the need for community recreation; facilities and their use; and the supervision and direction essential to securing a good recreational program. Offered in alternate years.

319-320. OFFICIATING. (MEN). *2 hours*

The first semester will be devoted to the techniques of football officiating and the second semester of basketball officiating. Credit in this course satisfies the requirement of the Ohio High School Athletic Association for certification as an official.

322. COMMUNITY HEALTH. *3 hours*

The consideration of factors in the community that affect the health of the residents. Offered in alternate years. Not offered in 1953-1954.

323. THEORY AND ORGANIZATION OF PLAY. (WOMEN). *2 hours*

The background and history of play from the earliest beginnings up to the present time. A study of leisure time agencies, the necessity of wholesome recreation in our modern society and how we can help promote and organize worthy use of leisure time, particularly among adolescents. Offered in alternate years. Not offered in 1953-1954.

324. METHODS OF TEACHING PHYSICAL EDUCATION (WOMEN). *2 hours*

A study of the various teaching methods and their use in the field of education. Offered in alternate years. Not offered in 1953-1954.

325. METHODS AND MATERIALS FOR GYMNASTICS AND TUMBLING (MEN). *2 hours*

Designed for the study of problems, materials and techniques involved in teaching gymnastics and tumbling in a physical education program in elementary and secondary schools. Special emphasis on gymnastic exhibitions and physical activity demonstrations. Laboratory fee \$3.00 offered in alternate years. Not offered in 1953-1954.

326. INDIVIDUAL AND ADAPTED PHYSICAL EDUCATION (MEN AND WOMEN, 2 SECTIONS). *2 hours*

Physical education as adapted to the individual and its place in the correction of physical defects. Offered in alternate years. Not offered in 1953-1954.

MUSIC EDUCATION

For courses in this field, see the Department of Music in the Division of Fine Arts, page 100.

COMMENCEMENT, 1952

Degrees Conferred

BACHELOR OF ARTS

- Abbott, Lois Elaine
Tampa, Fla.
- Badgley, Carol Cassel
Dayton
- Badgley, Douglas C.
Dayton
- Bailey, Alice Mae
Columbus
- Baker, Kenneth William
Marengo
- Barber, John P.
Marine City, Mich.
- Bell, Llewellyn E.
York, Pa.
- Berkey, Robert F.
Barberton
- Black, Bernard L.
Lore City
- Brockett, Phyllis Louise
Seville
- Burtner, Barbara Lee
Canal Winchester
- Calkins, Donald Lewin
Parma
- Carroll, Mary Ellen
Akron
- Chagnot, Shirley June
McKeesport, Pa.
- Chambers, Everett Burns
Galena
- Coberly, Jack D.
Canton
- Cole, Glen W.
Crestline
- Corbett, James J.
Arlington, Va.
- Cornell, John Bishop, Jr.
Westerville
- Coyle, Joseph Richard
Johnstown, Pa.
- Decker, Robert F.
Irwin, Pa.
- Dennis, Gerald Walter
Hamilton
- Dillinger, Wendell Joy
Riverside, Ill.
- Earnest, James William
Dayton
- Fedorchak, Rudolph V.
Parma
- Geller, Richard Louis
Bellerose, N. Y.
- Goss, Robert J.
Rochester, N. Y.
- Grell, Louise
East Sparta
- Hahn, Carl W., Jr.
Batavia
- Hammon, John Edward
Middletown
- Hammond, Thomas William
Johnstown, Pa.
- Hampton, Nancy Pauline
Middletown
- Hanaford, Robert Earl
Hamilton
- Hathaway, George B.
Butler
- Hedges, Richard
Westerville
- Hogue, Albert J.
Westerville
- Hull, Harry Edwin
Mt. Pleasant, Pa.
- Hunt, J. William
Westerville
- Jackson, Frederick M.
Mingo Junction
- Keech, Dart Franklin, Jr.
Elyria
- Knotts, Marvin Roy
Columbus
- Kornblum, Phillip C.
Wilkinsburg, Pa.
- Koster, Gerald Melvin
Pataskala
- Krauss, Virginia Ann
Monroe, Wis.
- Lang, Kathryn Hancock
Westerville
- Lebzelter, Robert Lee
Johnstown, Pa.
- Lemley, Maribelle
Parkersburg, W. Va.
- Leonard, Betty Jean
Scottdale, Pa.
- Levering, E. P., Jr.
Westerville
- Liston, George Edward
Medina

- | | |
|---|---|
| McGregor, Betty Lee
West Orange, N. J. | Reese, Marjorie Ann
Columbus |
| Marryatt, Edward Hamilton
White Plains, N. Y. | Rosensteel, Richard K.
Westerville |
| Maxwell, Harold H.
Denver, Colo. | Rossi, Carl Edward
Middletown |
| May, Jo Ann
Steubenville | Rough, H. Dale
Pataskala |
| Meyers, Joel D.
West Portsmouth | Seibert, Nancy Ellen
Dayton |
| Miller, Floyd L.
Rockford | Seligman, Walter Allen
Staten Island, N. Y. |
| Mitchell, Richard L.
Pickerington | Shultz, Phyllis Louanna
Greensburg, Pa. |
| Morris, Lowell H.
Westerville | Stauffer, Dorothy Eileen
Kenmore, N. Y. |
| Moyer, Lawrence E.
Dayton | Steck, Don Edison
Brookville |
| Myers, Donald Eugene
Hartville | Stoufer, R. Carl
Ashland |
| Noel, John R., Jr.
Westerville | Taylor, William Cisco
Columbus |
| Orr, Ruth Elizabeth
Brecksville | Thompson, Beverly Ruth
Orlando, Fla. |
| Palmere, Vincent William
Trenton, N. J. | Tucker, Jack Warren
Centerburg |
| Parrish, Marvin Eugene
Alliance | Vigor, Ann
Plain City |
| Pendleton, Elizabeth M.
North Tonawanda, N. Y. | Waggamon, Edna Mae Pollock, R. N.
New Philadelphia |
| Price, David F.
Columbus | Wareham, Robert Eugene
Swissvale, Pa. |
| | Wiggins, John W.
Columbus |

BACHELOR OF SCIENCE

- | | |
|--|--|
| Bentley, Jack C.
Altoona, Pa. | Hopkinson, Dolores Fay
Irwin, Pa. |
| Brown, Ann Carlson
Burgettstown, Pa. | Reed, David L.
Utica |
| Dover, David Lee
Dayton | Shaffer, Elnora Kehm
Flat Rock |
| Fallon, Daniel Ronald
Pittsburgh, Pa. | Stauffer, Patricia Ann
Kenmore, N. Y. |
| Feichtner, Everett Eugene
Willard | Steck, Don Edison
Brookville |
| Flaws, Edward Alan
East Cleveland | Stoufer, R. Carl
Ashland |
| Geisel, Lucille R.
Toledo | Taylor, William Cisco
Columbus |
| Hanes, Kenneth P.
Duke Center, Pa. | Wiley, Roger
Crestline |
| Hensel, Robert Emory
New Philadelphia | Winston, Glenn Clark
Dayton |

BACHELOR OF SCIENCE IN EDUCATION

Abbott, Marjorie Anne Tampa, Fla.	Knight, Norma Jean Middletown
Anderson, Enar L. Columbus	Kuhlmann, Donald Hall Mt. Healthy
Baker, Virginia Margaret Marengo	Levering, E. P., Jr. Westerville
Baughn, Joanne Mikesell Johnstown	Loomis, Ruth Dayton
Benadum, Theodore Paul Columbus	McMillen, David Edward Cambridge
Blaha, Clarence James Cleveland	McNabb, John B. Dayton
Blais, Robert Mascall Canal Winchester	Matthews, John Grad Toledo
Borkosky, Glenn Sunbury	Mickey, Max E. Ligonier, Pa.
Boyer, Norman R. Tyrone, Pa.	Miller, Stanley L. Columbus
Burns, Kenneth Dean Swissvale, Pa.	Morris, Phyllis King Westerville
Denzer, Robert A. Bucyrus	Neitz, Marilyn Joy Barberton
Donnelly, Carolyn Vandersall Amherst	Putterbaugh, W. Eugene Piqua
Fritz, Miriam Arlene Attica	Rarey, Edgar Groveport
Gates, Harvey T. North Braddock, Pa.	Schroeder, Shirley Lou Clayton
Good, Marilyn Jean Canal Winchester	Shaw, Robert Columbus
Gooding, Glenna Lou Lewis Center	Shultz, Phyllis Louanna Greensburg, Pa.
Greene, Paul E. West Carrollton	Skinner, Helen Fagley Bellwood, Pa.
Gruber, Edith V. Canton	Smith, Ardine Grable Pickerington
Gyora, James L. Herminie, Pa.	Smith, Virginia Lucille Leonardsburg
Hardesty, Esther Bontrager West Lafayette	Struble, Winifred L. Orlando, Fla.
Hedges, Miriam Westerville	Walker, Betty Beyer Cincinnati
Knall, Philip A., Jr. Columbus	Wallace, Mary Joan Huntington, W. Va.
	Wood, Darrell E. Westerville

BACHELOR OF MUSIC

Ariga, Flora Noyuri Kyoto, Japan	Schwartz, John Glenn Beach City
Rosensteel, Naomi Mann Westerville	Ulrich, Beatrice Ann Dearborn, Mich.

BACHELOR OF MUSIC EDUCATION

Boyer, Barbara Belle Winona Lake, Ind.	Holden, Martha Jo Morgansville, W. Va.
Buchanan, Marilyn Wallingford Westerville	Kobs, Shirley Anne Parma Heights
Buchanan, Thomas Nestor Westerville	Redinger, Helen Virginia Huntington, W. Va.
Coon, Eleanor Maxine Mt. Vernon	Searls, Sue Manuel Columbus
Hixson, Willa Mae Darragh, Pa.	Smith, Paul Edward Shelby

ASSOCIATE IN GENERAL EDUCATION

Cole, William Edward Tiro	Johnston, Betty Lou Hoff Westerville
Dodd, Beverly J. Johnstown, Pa.	

HONORARY DEGREES

DOCTOR OF DIVINITY

The Reverend Edward Ernest Nietz, Columbus, Ohio, Superintendent, Ohio Southeast Conference of the Evangelical United Brethren Church.

DOCTOR OF MUSIC

Glenn Grant Grabill, B. Mus., A.A.G.O., Westerville, Ohio, Emeritus Professor of Music, Otterbein College.

DOCTOR OF HUMANE LETTERS

Andrew Wellington Cordier, A.B., A.M., Ph.D., LL.D., Executive Assistant to the Secretary-General of the United Nations.

DOCTOR OF HUMANE LETTERS

(Conferred October 26, 1951)

Mrs. Rhea Parlette Williamson, B.A., Princeton, New Jersey, Dean Westminster Choir College.

DOCTOR OF DIVINITY

(Conferred February 12, 1952)

The Reverend Roy George Ross, B.A., B.D., New York, N.Y., Associate General Secretary National Council of Churches.

DOCTOR OF HUMANE LETTERS

(Conferred February 12, 1952)

Luther Allan Weigle, B.A., M.A., Ph.D., New Haven, Conn., Dean Emeritus Divinity School, Yale University; Chairman American Standard Bible Committee.

REGISTER OF STUDENTS

SECOND SEMESTER, 1951-52

ENROLLMENT, 1951-52

(Not included in February 1952 Catalog)

The number or letter after the name of the student indicates the class to which he belongs: 1 Freshman, 2 Sophomore, 3 Junior, 4 Senior, M Music, S Special Student.

- Armstrong, Barbara Jean 3
110 N. Dixie Drive, Vandalia
Beadle, Ruth M. S
209½ N. Vine St., Westerville
Bowman, Barbara Ann 1
R. #1, Troy
Boyd, Carl Garland 1
1091 Michigan Ave., Columbus
Branson, Mary Jane 1
1419 Prospect Ave., Coshocton
Cannon, Alveda Jean 1
Rt. #2, New Lexington
Curren, Jeannette Elnora S
Box 182, Sunbury
Gilmour, Alfred S
807 Gaskill Ave., Jeannette, Pa.
Hathaway, Marie Frakes S
27 Elm St., Butler
Hayes, Ila Bale S
76 W. Main St., Westerville
Heaton, Betty June M
2709 Wildwood, Columbus
Hergenrather, William Marvin 2
503 Ohio Ave., Troy
Kakehasi, Hildegard S
122 E. 11th St., Columbus
Kinsey, Eleanor Arlene S
Vets Village, Westerville
Kraft, Doris Kathleen 2
R.D. #1, Massillon
Krick, Sarah 3
128 S. Fourth St., Decatur, Ind.
- Peden, David Bruce 2
2229 Catalpa, Dayton
Priest, Harold Edward 2
72 W. College, Johnstown
Rapp, Virginia Rae 1
11 Earl Ave., Shelby
Rea, James Richard 3
44 W. Home St., Westerville
Reed, Orville 1
122 N. Michigan Ave., Wellston
Sandusky, Howard Edward 1
4768 Granville Rd., Columbus
Schaer, Charlotte E. S
R.F.D. #1, Worthington
Shaw, Robert 4
1328 Manchester, Columbus
Shumway, Dorothy L. S
77 W. Walnut St., Westerville
Sites, William Francis 1
2003 Minnesota Ave., Columbus
Snavely, Gretchen M
34 W. Broadway, Westerville
Waldron, Lois 2
245 E. 66 St., Los Angeles 3, Calif.
Wolfe, Thomas Eugene 4
151 Oak St., Bremen
Wood, Darrell 4
Condit
Worthington, M. Arlene 1
308 S. Gay St., Plain City

Summary of Students, 1951-52

FULL TIME

Seniors	140
Juniors	132
Sophomores	145
Freshmen	225
	642

SPECIAL	24
MUSIC	244
Total	910
Names Repeated	203
Net Total	707

MEN AND WOMEN

COLLEGE CLASSES:

Men	378
Women	264
	642

TOTAL ENROLLMENT:

Men	395
Women	312
	707

ENROLLMENT FIRST SEMESTER — 1952-1953

- Allton, George David 4
 44½ E. Main St., Crooksville
 Allton, Marilyn M
 240 N. Vine St., Westerville
 Allton, Vance M
 240 N. Vine St., Westerville
 Althoff, June 2
 79 Shelby Ave., Shelby
 Amos, Shirley Jeaniene 1
 216 George St., Elyria
 Anagnoston, Peter 1
 32 Corona Ave., Dayton 9
 Anagnoston, Taki 3
 32 Corona Ave., Dayton 9
 Anderson, William Owen 1
 Slick Ave. Trailer Court
 Johnstown, Pa.
 Andreichuk, Gregory, Jr. 3
 R.F.D. #1, Martins Ferry
 Andrews, Dale Clinton 3
 45 Quitman, Dayton
 Andrews, Theodore 1
 931 Sonman Ave., Portage, Pa.
 Andrus, Lois Louise 1
 2311 E. Home Rd., Springfield
 Anglin, Edna Joyce 4
 Box 154, Jaeger, W. Va.
 Anthony, Roy 1
 11333 Bellflower Rd., Cleveland
 Arledge, Robert Lee 2
 935 Fay Ave., Lancaster
 Armstrong, Virgil Loren 1
 62 E. Channel St., Newark
 Ashbaugh, Frederick Arthur 4
 114 N. State St., Westerville
 Axline, Joseph Edward 3
 328 Stull Ave., Akron 12
 Backus, Patty M
 87 E. Broadway, Westerville
 Bailor, Max Alfred 4
 Rotifunk, Sierra Leone
 British West Africa
 Baker, John Lewis 1
 1935 Reese Ave., Columbus
 Barber, Roy Ross 1
 R.F.D. #1, Pataskala
 Barckhoff, James Clarence 1
 3877 Hines Road, Gahanna
 Barr, Dorothy Ellouise 2
 15816 Munn Rd., Cleveland 11
 Bassett, Lowell Duane 3
 R.R., Kansas
 Bates, Peggy Ann 1
 2643 Zesiger Ave., Akron 12
 Baum, Richard Morris 4
 945 S. Central Dr., Lorain
 Beachler, George Allen 4
 Route #2, Franklin
 Beadle, Charles Sylvester 3
 209½ N. Vine St., Westerville
 Beadle, Ruth M. S
 209½ N. Vine St., Westerville
 Beahm, Jack Judd 4
 Box 46, Midvale
 Beam, Cletus Eugene 4
 53 S. Dixie Dr., Vandalia
 Bean, Dana Lee 1
 57 Bellevue, Rittman
 Bear, Laverne Lee 1
 404 2nd St., N.E., New Philadelphia
 Beardsley, James Vernon 2
 302 Ann Arbor St., Manchester,
 Mich.
 Beckley, Jerry Slater 1
 R.D.#1, Ligonier, Pa.
 Belcher, Earl Wesley 1
 3119 Kenlawn, Columbus
 Bell, Richard Allen 1
 147 S. State St., Westerville
 Bence, Irvin Joseph 1
 Beaverdale, Pa.
 Benton, Lois Lovere 3
 102 E. Ohio Ave., Mt. Vernon
 Beougher, Jane Eileen 2
 Box 66, Rockbridge
 Beranek, Lois Ann 2
 1316 Shawview, E. Cleveland
 Bergen, Kalman 1
 3826 Laurel Ave., Brooklyn, N.Y.
 Bergman, Glenda M
 2594 Minerva Ave., Columbus
 Bergman, Lynn Arthur 3
 35 W. Irving St., Corry, Pa.
 Bielstein, Henry Vanamberg 2
 1819 Malvern Ave., Dayton
 Bilger, Kay Elaine 1
 R.R. #2, Versailles
 Billman, Robert Edward 2
 63 Plum St., Westerville
 Birner, Barry 2
 5646 Solway St., Pittsburgh, Pa.
 Bishop, Lawrence Roger 2
 397 N. High St., Chillicothe

- Bishop, Richard Guy 2
 154 W. Home St., Westerville
 Black, Bernard Lewis S
 R.D. #1, Lore City
 Blauser, Darl Eugene 2
 236 Yencer St., Basil
 Bloom, James Martin 3
 3695 Dell Dr., Barberton
 Bodge, Sally 3
 113 Grove St., Auburndale, Mass.
 Boehm, Erma Louise 4
 3409 County Line Rd., Westerville
 Boring, Robert Steele 4
 604 Highland Ave., Johnstown, Pa.
 Boucher, Eleanor Mae 1
 Beaverdale, Pa.
 Bowman, Alice Joyce 2
 50 W. Lincoln St., Westerville
 Bowman, Barbara Ann 2
 Route #1, Troy
 Bowman, Marie Fannie 1
 13311 Corbett, Detroit, Mich.
 Boyce, Mardell Janice 3
 1272 Broadview Ave., Columbus
 Boyles, Neva Carol 2
 501 S. Main St., Bowling Green
 Bragg, Ralph Emerson 1
 543 Rhea Ave., Hamilton
 Branson, Mary Jane 1
 1419 Prospect Ave., Coshocton
 Brentlinger, Ann Louise 1
 57 Chester Rd., Belmont, Mass.
 Breza, Richard Elmer 4
 261 Wilson Ave., Rahway, N.J.
 Briggs, Kathryn Irene 1
 Riverview, Marietta
 Brockett, Richard Duane 3
 Seville
 Brown, Carolyn Jane 4
 726 Claremont Ave., Dayton
 Brown, David Shoemaker 1
 R.D. #2, Box 23, Burgettstown, Pa.
 Brown, Richard Melvin 1
 3106 Shroyer Rd., Dayton
 Bullis, John Hayden 1
 316 E. Court St., Bowling Green
 Burke, Dix Barron 1
 3325 Westerville Rd., Columbus
 Burns, John Otto 1
 Box 107, Westerville
 Burt, Wayne Frederick 4
 State St., Pleasantville, Pa.
 Byers, Patsy Jean 2
 208 Ohio Ave., Monroe
 Byrum, John Kenneth 2
 345 E. 211 St., Euclid
 Cain, William Leo 4
 134 Kingston Ave., Grove City
 Caldwell, Alice Wilson 2
 R.D. #2, Westerville
 Caldwell, Bruce Irwin 4
 R.D. #2, Westerville
 Calland, Martha Louise 4
 501 Oxford Ct., Worthington
 Callihan, Robert Gerald 4
 723 Bloom St., Johnstown, Pa.
 Carlson, Alice Lillian 2
 2865 Cleveland Blvd., Lorain
 Carter, Nancy Carolyn 2
 1084 Asbury Rd., Cincinnati 30
 Cassley, Thomas Edward 1
 57 S. Sperling Ave., Dayton
 Castle, Richard Thomas 1
 1028 Miami St., Urbana
 Catlin, Eleanor Jane 4
 206 N. 26 St., Newark
 Catlin, Mary Ellen 2
 206 N. 26 St., Newark
 Catlin, Peggy M
 41 County Line Rd., Westerville
 Cavanagh, Elvin Hoover, Jr. 2
 517 Barrett St., Wilmington, Del.
 Chapman, Charma Lee 2
 Centerburg
 Charles, Mary Ann 1
 3337 Buchanan, Mt. Rainer, Md.
 Cherrholmes, Joseph Edward 3
 614 Markison Ave., Columbus
 Childress, Patsy Ann 1
 2120 Park Rd., Springfield
 Chorbajian, Nevart 2
 1612 Paulding Ave., Bronx, N.Y.
 Christ, Christy 1
 67 S. 4th Ave., Mt. Vernon, N.Y.
 Ciampa, Donald Jackson 2
 Beaverdale, Pa.
 Ciampa, James Paul 4
 Beaverdale, Pa.
 Ciminello, Robert L. 4
 72½ W. Home St., Westerville
 Clark, Richard Warren 1
 N. Main St., Windham
 Clymer, Ann M
 86 E. Broadway, Westerville
 Clymer, Helen Dick S
 86 E. Broadway, Westerville
 Coberly, Helen Morton 4
 60 Plum St., Westerville
 Coil, Beverly Joyce 1
 R.R. #1, Jeffersonville
 Cole, Eugene Willard 1
 Route #1, Crestline
 Cole, Robert Cave 1
 207 Roane St., Charleston, W. Va.
 Cole, William Edward 3
 R.R. #1, Box 6, Tiro

- Collins, Frederick Hilton 3
20 Winter St., Westerville
- Conard, Wallace Edward 3
2792 N. Bay Dr., Columbus
- Conley, James Harvey 3
607 Marburn Dr., Columbus
- Cooper, Jacqueline Sue 1
52 Hiawatha Ave., Westerville
- Corkwell, Shirley May 2
Continental
- Cox, Luther Allen 1
708 Prospect Ave., Van Wert
- Cramer, Charlotte Anne 2
411 Braddock Rd., Pittsburgh 21,
Pa.
- Cramer, William Perry 1
211 W. McPherson, Findlay
- Crane, Mildred Leona S
34 N. Grove St., Westerville
- Curfman, Carole M
51 Hiawatha Ave., Westerville
- Czerwinski, Stanley John 3
135-38 121 St., Ozone Park,
Long Island, N.Y.
- Dauch, Nancy Ellen 1
R.D. #2, Wakeman
- Daugherty, Robert N. S
49 E. College, Westerville
- Davis, David Coleman 3
532 W. 2 St., Wellston
- Davis, Dora Mae 1
R.R. #1, Fletcher
- Davis, Jack Dean 4
Midvale
- Davis, Leroy Darrel 2
Box 277, Midvale
- Day, Marilyn Ellen 4
2405 North Ave., Middletown
- Decker, June Carol 4
245 E. Market St., Germantown
- Dennis, Shirlie Marie 4
56 W. Bridge St., Rockford, Mich.
- Denton, Roswell Elmer 3
200½ E. Main St., Louisville
- Detamore, Phillip Lee 2
Vets Village, Westerville
- DeVore, George Richard 1
99 N. Walnut, Galena
- DeWine, Elizabeth Ann 1
416 Xenia Ave., Yellow Springs
- DeWitt, John Gammill 1
37 Plum St., Westerville
- Dickey, Fred J. M
3420 Granville Rd., Westerville
- Dilgard, Richard Arthur 4
R.D. #2, Ashland
- Dodd, Beverly Joanne 3
465 N. Market St., East Palestine
- Donahue, Thomas Reed 1
Merrick St., Pleasantville, Pa.
- Donnelly, Susan Alice 2
3149 Demorest Rd., Grove City
- Dorsch, Frederick Neal 1
5651 Indianola Ave., Worthington
- Douglas, Major Stephen 1
29 Shaw Ave., Dayton
- Dover, Suzanne Carol 3
269 Wroe Ave., Dayton 6
- Downey, William Earl, Jr. 2
221 West St., Groveport
- Drake, Elizabeth Louise 3
Gebhart, Dayton
- Driever, Louis Milton 3
Box 32, West Middletown
- Dunham, Robert Eugene 4
1415 Bruck St., Columbus 7
- Dybvig, Roger Sundal 2
R.R. #10, Olive Rd., Dayton
- Eberly, Edwin Howard 1
2230 22 St. S.W., Akron 14
- Echard, Kenneth Floyd, Jr. 2
43 Belle Ave., Troy, N.Y.
- Edwards, Donald Charles 1
673 Orchard Ave., Barberton
- Edwards, Nancy Jane 1
66 E. Main St., Westerville
- Elberfeld, Mary Elizabeth S
63 W. College Ave., Westerville
- Erisman, David Owen 3
R.R. #10, Box 306-H, Dayton 7
- Eschbach, Joseph Wetherill 2
410 River Lane, Dearborn, Mich.
- Eschbach, Robert Myers 3
3709 W. Siebenthaler Ave.,
Dayton 6
- Etling, Jeanne Kay 1
2590 Wildwood Rd., Columbus
- Evans, Carol Ann 1
307 23 N.W., Massillon
- Evans, Jo Anna 1
1617 E. Orange St., Coshocton
- Evans, William Lee 1
501 Park St., Navarre
- Eversole, Charles Jacob 3
144 Charleston St., Cadiz
- Farina, Alexander Joseph 3
22 Crestmont Ave., Trenton, N.J.
- Farris, Harold Ernest 1
Galena
- Feen, Vernon Edward, Jr. 1
711 W. Chapel St., Columbus
- Feenberg, Harry William 3
107-63 109 St., Richmond Hill 19,
N.Y.
- Ferguson, Charles Jay 4
Plain City

- Fields, Lawrence Payne 3
 897 Morning St., Worthington
 Fisher, David Franklin 1
 119 Chestnut St., Jackson
 Fisher, George Franklin 1
 921 Claremont Ave., Ashland
 Fisher, Lois Ann 4
 236 S. Franklin St., Richwood
 Fogelsanger, Kenneth Dale 4
 437 Danberry St., Toledo
 Foor, Leslie Dale 2
 32 Summit St., Westerville
 Foote, Lowell Cyphus 1
 66 Salem, Fredericktown
 Ford, Virginia Ann 1
 921 Rice St., Springfield
 Forman, Dorence Ned 3
 88 N. High St., Sunbury
 Forsyth, Leroy, Jr. 2
 R.R. #1, Lewisburg
 Fowler, Robert Edmund 2
 Lithopolis
 Fowler, Wayne Myron 2
 480 Vermont Pl., Columbus
 Frayer, Alvin Duane 4
 1107 14 Ave., Middletown
 Freese, George Verner 1
 2824 E. Third St., Dayton
 Freshour, Frank Ward 2
 1049 24 St., Portsmouth
 Fulcomer, Kay June 1
 145 G Watson Drive,
 Turtle Creek, Pa.
 Fuller, Cleora C. S
 88 E. College Ave., Westerville
 Fulton, Robert Spencer 2
 1111 5 Ave., Altoona, Pa.
 Funk, Charles Edwin 1
 R.D. #1, Hunker, Pa.
 Gabriel, Mary Thomas S
 Route #2, Galena
 Gaiser, Dale Eugene 1
 518 E. Linden Ave., Miamisburg
 Gallagher, William Peter 2
 2168 15 St., Akron
 Gallogly, Richard Eugene 1
 49 S. State St., Westerville
 Gardella, John Kerr 1
 4248 Dublin Rd., Columbus
 Garner, Forrest Merle 3
 11145 N. State Rd., Westerville
 Garrabrant, Sheldon Clifton 3
 Box 148, Conesville
 Gayton, Samuel 1
 2154 Minnesota, Columbus
 Geissler, Jean Lorraine 4
 17 Knollwood Rd., Rockville
 Center, N.Y.
 George, Richard Edward 3
 2907 4 Ave., Altoona, Pa.
 Gerber, George Ellis 4
 150 E. Broadway, Westerville
 Gerber, Marjorie Jean 4
 800 Goucher St., Johnstown, Pa.
 German, Richard Johnston 1
 1416 Saratoga Ave., S.W., Canton
 Gibson, James William 3
 560 N. Main St., Marysville
 Gibson, Patricia Mae 3
 207 Ditto St., Archbold
 Glass, Richard Lee 2
 Route #2, Minerva
 Goff, William John 2
 418 S. Grand Ave., Marion
 Good, Donna Maureen 2
 9½ W. Maple St., Willard
 Gorey, Florence Elizabeth 1
 1071 E. Bonham Ave., Columbus
 Graham, Jeanne Iris 4
 2350 Roslyn Ave., Dayton
 Grandstaff, Doyt Jay 1
 2769 Minerva Lake Rd., Columbus
 Grandstaff, Jack Case 1
 Croton
 Granger, Esther Ruth 4
 Chitatal Quiche, Guatemala,
 Central America
 Grant, Benjamin George 1
 3814 Davis, Cincinnati
 Gravett, Jo Anne 1
 Cedar Heights, Miamisburg
 Greshner, Doyle Eugene 1
 R.D. #3, Ashland
 Gress, Miriam Eileen 3
 604 Oakland Ave., Greensburg, Pa.
 Griesmeyer, Dale Edward 2
 R.R. #11, Box 360-G, Dayton 9
 Grimm, Betty Ellen 1
 11 Maple St., Jeffersonville
 Grimm, Don Vinton 1
 444 Woodlawn Ave., Bucyrus
 Groff, Richard Lee 3
 Route #2, Ostrander
 Groman, Allen Oliver 1
 23 Avery St., Tiffin
 Guest, Jane Ann 1
 R.D. #1, Jackson Blvd., Canton
 Gullett, Lillian Bonita 1
 704 Elm St., Portsmouth
 Hackman, Vandwilla Elvira 1
 R.R. #2, Morrow
 Hagan, Donald Dale 2
 R.R. #4, Hamilton
 Hall, Sally Ann 3
 67 Parkview Ave., Westerville

- Hammon, Mary Elizabeth 2
 11 Baltimore St., Middletown
 Hancock, Dean Landis S
 Curtis Park, Philipsburg, Pa.
 Hanna, William Lee 1
 2567 Mock Rd., Columbus
 Hansen, C. Norman 1
 142 N. Quentin Ave., Dayton
 Hanson, Barbara Sue 2
 11324 Cranston, Plymouth, Mich.
 Hard, Lawrence Leslie 4
 2260 Bethel Rd., Columbus
 Harner, Mary Elizabeth 4
 R.D. #2, Box 9, Brookville
 Harner, Ruth Ellen 1
 R.D. #2, Box 9, Brookville
 Hartigan, Carolyn Sue 2
 1124 Hurd Ave., Findlay
 Hartsook, Marilyn Louise 1
 145 W. Park St., Westerville
 Hartzell, Dwight David 1
 2115 Victoria Ave., Dayton
 Hassenpflug, Earl Chester S
 Vets Village, Westerville
 Hastings, Robert Lee 1
 Fourth St., Waynesville
 Hathaway, Artha Ann 3
 27 Elm St., Butler
 Hatmaker, Mary Jean 2
 27 Buckeye St., Dayton
 Hawk, Mary Ann 3
 Lucasville
 Hayes, Ila Bale S
 76 W. Main St., Westerville
 Heaton, Betty June M
 2709 Wildwood Rd., Columbus
 Heinisch, Frances Henry 4
 Vets Village, Westerville
 Heinisch, James Reynold 4
 Vets Village, Westerville
 Hellebrandt, Mary Anna 1
 153 Morris Ave., Athens
 Hemskey, Jack Levi 2
 Flinton, Pa.
 Hert, Marilyn Jean 1
 Box 156, R. R. #3, Cardington
 Herwick, Helen Maude 4
 Box 294, Doylestown
 Hickok, Joyce Ellen 1
 R. F. D. #1, Ostrander
 Hill, Connie M.
 22 E. Walnut St., Westerville
 Hill, Lois Bernadine 3
 Box 182, Selkirk, N. Y.
 Hill, Maurice Dudley 3
 25 S. 9 St., Miamisburg
 Hill, Virginia Ann 2
 211 Ardmore Dr., Middletown
 Hockensmith, Darrell Jackson 1
 1213 Solomon St., Johnstown, Pa.
 Hodapp, Everett Joseph 1
 2341 Rugby Rd., Dayton 6
 Hodson, Thelma Jean 1
 39 McOwen St., Dayton
 Hogue, Albert Joseph S
 9045 N. State Rd., Westerville
 Hohn, Carolyn M
 61 N. Grove St., Westerville
 Holden, Frances Mae 2
 700 Lakeview Ave., Conneaut
 Hollis, Kenneth Wilson 3
 55 Elm St., Melrose, Mass.
 Holmes, Mary Alyce 4
 106 Parkview Ave., Westerville
 Hooper, Carolyn Ruth 4
 205 Edgewood Dr., Huntsville, Ala.
 Hopkins, Duane Lee 1
 R. D. #9, North Canton
 Horner, Nita Marie 3
 R. D. #1, Massillon
 Horowitz, Amy Judith 1
 83-30 Charlecotte Ridge,
 Jamaica, N. Y.
 Howard, Glen Ellwood 3
 44 E. Lincoln St., Westerville
 Howard, Gloria Mae 2
 131 W. Park St., Westerville
 Howes, James Edward 1
 38 Cross St., Croton
 Howett, Harry Louis 3
 R. R. #3, Brookville
 Hoyer, Mary Jo 1
 1019 S. West St., Findlay
 Huelf, Douglas Eugene 1
 36 W. Home St., Westerville
 Huesman, Robert Houck 1
 9 Maplecrest Dr., Dayton
 Huggins, Charlayne 4
 2940 Revere Ave., Dayton
 Hughes, William Allen 1
 R. R. #1, Powell
 Huhn, David M
 178 N. Vine St., Westerville
 Hunt, Gardner William 4
 R. D. #1, North Tonawanda, N. Y.
 Hursey, Wayne M
 R.R. #3, Central College Rd.,
 Westerville
 Ickes, Stanton Theodore 4
 167 First St., Conemaugh, Pa.
 Impastato, Dominick Vincent 3
 1873 W. 10 St., Brooklyn, N. Y.
 Isherwood, Virjean 2
 4 Hatcher Ct., Amityville, N. Y.

- Jackson, Donald Lee 1
2152 Marilyn Park Rd., Columbus
- Jacobs, Marilyn Joanne 1
167 23 St., S.E., Massillon
- Jenkins, Morna Darleen 3
203 W. 3 St., Xenia
- Jenni, Lucy Aimee 2
4870 Walkely Ave., Montreal
Quebec, Canada
- Jennings, Marilyn Ruth 2
McClure
- Johnson, Clara Reneith 2
18 Rumbaugh Ave.,
Mt. Pleasant, Pa.
- Johnson, William Sherman 1
1044 Amherst St., McKeesport, Pa.
- Jones, Gerald Don 2
627 Nancy Ave., Zanesville
- Jones, Robert Dean 1
57 Chambers St., Dayton 9
- Jones, Thomas Lynn 1
2020 Philadelphia Dr., Dayton
- Kagel, Stanley Lawrence 4
1081 Astor Ave., Bronx, N. Y.
- Kaltenbach, Patricia Ann 2
2918 Grace Ave., Dayton
- Karns, Jean Marie 1
R. D. #3, Canton
- Kaufert, Margaret Mary 1
1305 Wade St., Pittsburgh, Pa.
- Kauffman, Lois Jean 1
330 E. Main St., West Carrollton
- Kay, David Clifford 2
206 Carpenter St.,
Clarksburg, W. Va.
- Keaser, Charles Edward 1
Box 164, Ansonia
- Keel, Russell Eugene 4
218 W. Main St., West Jefferson
- Keelor, Robert Kyle 2
2643 Hazel Ave., Dayton
- Keim, Ronald Lee 2
518 N. Main St., Urbana
- Kelk, Doris Jane 1
304 Partridge Run, Mountainside
N. J.
- Kelley, Haven Coke 4
Box 331, Manchester, Ky.
- Kerr, Joanne Katherine 1
1821 Mansfield, Toledo
- Ketron, Myron Lloyd 4
Vets Village, Westerville
- Kimmel, Bevan Dean 3
Rockford
- King, Rolland Dean 4
Cairo
- Kingsbury, Glada Ruth 3
2593 Glen Echo Dr., Columbus 2
- Kinneer, Bill Evan 1
Route #1, New Philadelphia
- Kinsey, Eleanor Arlene S
Vets Village, Westerville
- Kinsey, William Robert 4
Vets Village, Westerville
- Kirk, Wilber Wolfe 3
222 Depot St., Latrobe, Pa.
- Klenk, Barbara Jane 1
1915 Madison Ave., Mt. Healthy
- Klotz, Donald Leslie S
1509 N. High St., Apt. 7, Columbus
- Knight, Elizabeth Ann 3
909 4 Ave., Middletown
- Knipe, James Graham 1
504 Riverside Ave., Muncie, Ind.
- Knobloch, Carol Dianne 3
68 Manchester Rd.,
Tuckahoe 7, N. Y.
- Koehler, Helen Elizabeth 1
7060 Ivanrest Ave.,
Byron Center, Mich.
- Koehler, Lawrence Dale 3
7060 Ivanrest Ave.,
Byron Center, Mich.
- Kohn, Kenneth Watson 2
Route #1, Massillon
- Kolodgy, Donald Charles 4
43 E. Walnut St., Westerville
- Koons, Dolores Ann 3
60 W. Main St., Westerville
- Korbelak, Daniel 4
136 N. 8 St., Brooklyn, N. Y.
- Kraft, Doris Kathleen 2
Route #1, Massillon
- Kreil, George William 3
1608 Kenmore Rd., Columbus
- Krick, Sarah 4
128 S. 4 St., Decatur, Ind.
- Kuhl, Kathleen Diana 2
Route #3, Troy
- Kullmann, Karen M
138 E. Park St., Westerville
- Laib, Robert Dale 4
853 Taylor Ave., Pittsburgh 2, Pa.
- Lang, Milton Wayne S
Vets Village, Westerville
- Larkin, Lynn Haydock 1
Mowrystown
- Lasswell, Patricia 3
1201 Hathaway Rd., Dayton 9
- Laub, Dorothy Alice 3
Willow Grove, Huron
- Laub, Josephine Emma 1
Willow Grove, Huron
- Lawton, Sara Jane 2
Burbank

- Leasure, Jacquelyn Louise 1
 310 S. Delaware Ave., Mt. Gilead
 Leaverton, Joann 3
 608 E. Main St., Chillicothe
 Lehman, George William 4
 50 Holland Rd., Melrose, Mass.
 Lehner, Cora Jane 1
 300 N. Elm St., Prospect
 Lehr, William Francis 4
 Orchard Dr., Armonk, N. Y.
 Lemley, Barbara Ann 4
 525 Ellis Ave., Parkersburg, W. Va.
 Lenhart, Ann Elizabeth 3
 20 N. Columbus St., Sunbury
 Lenhart, Sue Ella 1
 20 N. Columbus St., Sunbury
 Leonard, Allan Lee 1
 Apt. 949, 333 Burrows St.,
 Pittsburgh 13, Pa.
 Lewis, Jerry Ray 2
 4309 Rhodes Ave., New Boston
 Lewis, Lloyd Keith 3
 167 S. State St., Westerville
 Liesmann, Anne Worth 3
 1306 16 St., Newport News, Va.
 Lincoln, Carole Lee 2
 814 Franklin St., McKeesport, Pa.
 Lloyd, George Daniel 1
 11333 Bellflower, Cleveland
 Logston, Roy Gene 4
 Martins Ferry
 London, Linda M
 5225 Cherry Bottom Rd., Gahanna
 Long, Robert Allen 1
 973 S. Ohio Ave., Columbus
 Longmire, Howard Hughes 2
 107 S. McGee St., Dayton
 Lotty, Frances Marion 2
 456 Stratfield Rd., Bridgeport, Conn.
 Love, Elizabeth Janet 1
 630 Troy St., Dayton
 Lucas, Gail Adaire 1
 882 S. Market St., Galion
 Lugibihl, Oliver Noah 3
 R. R. #1, Pandora
 Lund, Erna M
 166 W. Main St., Westerville
 Lutz, William Robert 1
 R. D. #1, Springboro, Pa.
 McClure, Margaret Amy 3
 R. R. #3, Lebanon
 McClusky, Gene Ditmer 3
 1321 Wakefield Ave., Dayton 6
 McCormick, Gerald Lee 1
 510 Beech St., Hamilton
 McCoy, Mary Anna 3
 508 Prospect St., Bucyrus
 McCracken, Doris Ann 1
 42 W. Sandusky St., Fredericktown
 McCreary, Emma Jean 4
 924 Adair, Zanesville
 McDermott, Macel Maxine 2
 1012 25 St., Parkersburg, W. Va.
 McFarland, El Doris June 4
 1454 Huy Rd., Columbus
 McGovern, Larry Edward 1
 Route #1, Sugarcreek
 McMullen, Robert B. 4
 38 S. Vine St., Westerville
 McPherson, Donald Attridge 2
 R. D. #1, Westerville
 McPherson, Leo Anthony, Jr. 2
 R. D. #1, Westerville
 McRoberts, John Emerson 4
 R. R. #8, Chillicothe
 McWherter, Lola Jane 1
 301 S. Ligonier St., Derry, Pa.
 MacDonald, Marilyn Jean 4
 921 Rutledge St., Cincinnati
 MacLean, Douglas Albert 2
 104 N. State St., Westerville
 Madison, Melvin Richard 3
 844 Bryden Rd., Columbus
 Marinello, Daniel Anthony, Jr. 4
 9410 Ft. Hamilton Parkway,
 Brooklyn 9, N. Y.
 Marquard, Pamela Ann M
 248 E. College Ave., Westerville
 Marrero, Carlos Enrique 2
 Loiza Station, Box 6485
 Santurce, Puerto Rico
 Martin, Kenneth Harwood 3
 528 Briar Cliff Rd.,
 Pittsburgh 21, Pa.
 Matthias, Judith Ann 1
 21 Woodland Dr., Bridgetown, N.J.
 Mattox, Pamela Fiero S
 205 N. State St., Westerville
 Maurer, Gerould Walter 3
 R. D. #2, Navarre
 Mayse, Beth Ann M
 4720 E. Walnut St., Westerville
 Meadows, Wayne Emerson 1
 Route #1, Gahanna
 Menke, John Frederick 2
 267 E. Market St., Tiffin
 Mercier, Arden Ralph 2
 Route #7, North Canton
 Miles, Dorothy Anne 3
 150 Myers Ave., Akron 5
 Miller, Carolyn Virginia 3
 Box 332, Batavia
 Miller, Helene Mildred 4
 600 Harshbarger St., Johnstown, Pa.

- Miller, Joyce M
 90 W. College Ave., Westerville
 Miller, Marilyn M
 164 Hamilton Ave., Westerville
 Miller, Martha Jean 2
 4889 Sawmill Rd., Columbus
 Miller, Robert Glenn 3
 2471 Pelton Ave., Akron
 Miller, Thomas Glen 3
 650 Maple Ave., Strasburg
 Miller, Wade Shoop 1
 164 Hamilton Ave., Westerville
 Miller, William Edward 1
 140 Quitman St., Dayton
 Minerd, Charlotte Ruth 3
 301 N. 6 St., Youngwood, Pa.
 Mingus, Gordon Herbert 2
 225 Midland, Columbus
 Mione, Frank George 3
 912 Foster Ave., Brooklyn 30, N. Y.
 Moeckel, Gertrude Ann 2
 1383 Richardson Vista Rd., Apt.
 190, Anchorage, Alaska
 Molter, William John 4
 216 W. 6 St., Delphos
 Montgomery, Joan Marie 2
 R. R. #1, Bluffton
 Moore, Robert Earl 3
 21 Curryer Ave., Middletown
 More, Alexander Smith 4
 2305 20 St., S.W., Akron 14
 Morris, Janet Clara 2
 1024 Chestnut St., Hamilton
 Morris, Larene Annette 1
 453 S. 9 St., Miamisburg
 Morris, Ross Marvin 3
 453 S. 9 St., Miamisburg
 Mosher, Ned Allen 1
 345 W. High St., Mt. Gilead
 Moyer, Dale Edward 3
 Sycamore
 Mujais, Evelyn Mary 3
 1548 St. Elmo, Canton 5
 Mullenix, Janet Elaine 2
 Box 235, Greenville
 Mumma, Richard Lee 2
 415 Burns Ave., West Carrollton
 Murphy, Mary Ellen 4
 Route #1, Sunbury
 Myers, Connie M
 27 W. Broadway, Westerville
 Myers, Martha Ellen 1
 R. D. #1, Hartville
 Myers, Mary Carolyn 2
 1728 S. 7 St., Springfield, Ill.
 Myers, Mary Ellen 3
 R. F. D. #1, McClure
 Myers, William Robert 4
 R. D. #1, Hartville
 Naftzger, Joyce Ellen 2
 1228 Donald Ave., Dayton
 Neeley, Joan Alice 1
 620 Cherry St., Findlay
 Neff, Jerry Lynn 4
 728 E. Linden Ave., Miamisburg
 Neilson, Charles Hugh 3
 Sunbury
 Neitz, Shirley Ann 2
 130 Yonker St., Barberton
 Nelson, Wayne Ronald 1
 1128 Ashland Ave., Dayton 10
 Newman, Janet Jean 1
 4376 W. 224 St., Fairview Park
 Nichols, Donald Henry 1
 Route #1, Pleasantville
 Niemeyer, Dorothy Mae 1
 R. F. D. #2, Mountain View Dr.,
 Mentor
 Noble, Patricia Ellen 2
 2294 Freeman Rd., Westerville
 Norris, David M
 64 W. Home St., Westerville
 Nottingham, William Henry 2
 R. R. #1, Piqua
 Obenauer, Gerald Alan 2
 Route #4, Dayton
 Oglesby, Donald Clifton 2
 R. D. #9, Box 614, Akron
 Overcash, Jack Sheldon 4
 2005 Maple Ave., Altoona, Pa.
 Packer, Patricia Ann 4
 7831 Martin St., Cincinnati 31
 Painter, Janet Lou 4
 213 E. Washington St., Ashland
 Paullin, Naomi Ann 1
 188 Church St., Doylestown
 Peck, Virginia Ann 1
 Box 82, Clarksburg
 Peden, David Bruce 3
 2229 Catalpa Dr., Dayton
 Penrod, Robert Lester 4
 Vets Village, Westerville
 Peterson, Virginia Carol 1
 Gifford, Pa.
 Pettibone, Eunice Jones 3
 45 E. Lincoln St., Westerville
 Pettibone, Richard Arlen 1
 45 E. Lincoln St., Westerville
 Pfouts, Ronald Lee 1
 750 Franklin Ave., S.W., Canton 10
 Phillippi, Virginia Mae 2
 Box 221, Youngstown, Pa.
 Phillips, Donald Lee 1
 Blacklick

- Phillips, Michael O'Halloran 4
269 N. Seffner, Marion
- Pittman, Barbara Jean 2
R.F.D. #1, Martel
- Podolak, Jerry 4
34 Stewart St., East Islip, N. Y.
- Pohner, Anne Lee 1
320 S. Silver St., Louisville
- Pooler, Betty Jean 1
420 Lincoln Pl., Urbana
- Poorman, Mary Louise 4
135 Palliser St., Johnstown, Pa.
- Potts, Richard Arlen 1
2287 Velma Ave., Columbus
- Preston, Gus Edward 1
8 Taranto Pl., Dayton
- Price, Edmund Scott 1
46 Grafton St., Lisbon, N. H.
- Priest, Harold Edward 2
72 W. College St., Johnstown
- Prinzler, Joyce Eileen 1
525 Brandon St., Greensburg, Pa.
- Purkey, Dorothy Mae 4
Franklin
- Queen, Lois Edna 2
26 Lutz Ave., Dayton
- Rapp, Donald J. 2
400 W. Hillcrest Ave., Dayton
- Rea, James Richard 4
44 W. Home St., Westerville
- Redinger, Barbara Kathryn 3
2940½ 4 Ave., Huntington, W. Va.
- Reed, Jean Louise 4
300 Commonwealth Ave., #3,
Alexandria, Va.
- Reed, Orville 1
122 N. Michigan Ave., Wellston
- Reed, Sue Ann M
Centerburg
- Reed, Wilma Lola 4
Ostrander
- Reichter, Richard Andrew 1
33 S. Sperling Ave., Dayton
- Renollet, Mary Diane 1
328 S. Powell Ave., Columbus
- Replogle, William Arthur 1
278 Arden Rd., Columbus
- Retterer, Dorrance James 1
R. R. #1, Waldo
- Riblet, Eugene Louis 4
1346 Ashland Rd., Mansfield
- Richards, Beverly Jeann 3
523 W. North St., Fostoria
- Ridgway, Kermit Ray 2
Box 42, Derby
- Riegel, Marlene Kay 1
22 E. Main St., Phillipsburg
- Riseling, Lou Ann 1
1147 Bellflower Ave., S.W.,
Canton 10
- Rogos, Marlene Joyce 2
Milton Blvd., Newton Falls
- Rose, Sarah Elizabeth 1
R. D. #1, Ashville
- Rosselot, Mary Lenore 4
1035 Eulalia Rd., N.E., Atlanta, Ga.
- Royer, Phyllis Eileen 2
R. R. #5, Union City, Ind.
- Ruh, Richard Eugene 2
805 Bulen Ave., Columbus
- Rutherford, George Henry S
2551 Sunbury Rd., Columbus 11
- Sadler, Marty Jan 1
R. R. #2, Box 23, Cardington
- Sanders, John Milton 3
Billman Ave., Spencer
- Satterfield, Patricia M
Sunbury
- Sauerman, Richard George 3
322 S. Dixie Ave., Dayton
- Schaad, Edwin Lee 2
148 Sterling Ave., Rittman
- Schaer, Charlotte Caney S
R. F. D. #1, Worthington
- Schoepke, Alfred Donald 1
2030 N. Cassady Ave., Columbus
- Schraitle, Donald Arthur 2
19786 Henry Rd., Fairview Park
- Schubert, James Roscoe S
153½ N. State St., Westerville
- Schutz, Beverly Ann 1
R. R. #1, Pandora
- Schutz, Maurice Edward 4
R. R. Pandora
- Schutz, Roy Franklin 3
16 Willowwood Dr., Dayton 6
- Scribner, Kenneth Ray 4
1008 Lenore Ave., Columbus
- Sears, Madelyn Marie 1
1402 Leo St., Dayton 4
- Sefton, Tom Lyman 3
152 Community Dr., Dayton 4
- Seibert, Robert Luther 4
29 Glenwood Dr., Westerville
- Seidehamel, Joan Ruth 1
Route #306, Novelty
- Selgo, Ted Wayne 1
309 Hayes Ave., Port Clinton
- Shackson, Billy M
30 W. Broadway, Westerville
- Shackson, James M
30 W. Broadway, Westerville
- Shannon, Anita Ellen 2
1845 Litchfield Ave., Dayton

- Shannon, Richard Lee 3
113 E. Irving St., Corry, Pa.
- Shauck, Robert Cowell 3
408 W. Elm St., Deshler
- Shaw, James West 3
201 N. Mt. Pleasant Ave.,
Lancaster
- Sherman, George Arthur 1
462 N. High St., Chillicothe
- Sherman, Robert Edgar 4
11719 Miles Ave., Cleveland 5
- Sherrick, Richard H. 3
135 S. Main St., Rittman
- Shilling, Donald Willis 3
1508 Overlook S.W., Massillon
- Shively, Jack Frederick 3
19 E. Lincoln St., Westerville
- Shively, James Edward 1
6069 Morse Rd., Gahanna
- Short, Charlene M
122 E. Park St., Westerville
- Shumway, Joseph Richard 4
77 W. Walnut St., Westerville
- Signet, Robert Richard 4
Townline Rd., Madison
- Simerl, Phyllis Jean 1
Bloomingsburg
- Simmons, Orrington Adelbert, Jr. 4
29 Robert St., North Dartmouth,
Mass.
- Sites, William Francis 1
2003 Minnesota Ave., Columbus
- Skelton, Donald Woodfred 4
710 Hanford St., Columbus
- Slater, James Keith 1
R. D. #2, Ligonier, Pa.
- Slaybaugh, Janice Ruth 2
69 24 St., Barberton
- Smiley, Patricia Ann 1
1039 N. Main St., Findlay
- Smith, Duane Howard 3
R. F. D. #1, Lyons
- Smith, Harvey Blair 2
221 S. Gilpin St.,
Punxsutawney, Pa.
- Smith, Robert Evans 3
161 Roslyn N.W., Canton
- Smith, Ronald Charles 3
140 Cherry Rd., N.W., Massillon
- Smith, Shirley Ann 1
238 S. Main St., Johnstown
- Smith, William Edward 3
89 University St., Westerville
- Snavely, Pamela M
34 W. Broadway, Westerville
- Snider, William Leonard 2
124 Lincoln St., Pataskala
- Sniff, Donna Louise 2
2135 Ferris Rd., Columbus
- Sommers, Annbeth Lyrene 1
528 E. Third St., Ottawa
- Specker, Robert Donald 1
Route #5, Marion
- Sprague, Rex Norman 1
4953 E. Walnut St., Westerville
- Stauffer, Sonya Marlene 1
Route #1, Hicksville
- Steffanni, Sally Frances 1
340 N. Emerson Ave.,
Indianapolis, Ind.
- Stephenson, Nancy Elizabeth 2
220 W. 4 St., Greensburg, Pa.
- Stibbs, Doris Jean 1
Box 228, Centerville
- Stiles, Clara Louise 4
65 S. Middle St., Hadley, Mass.
- Stine, Mary Lucille 1
2113 Catalpa Dr., Dayton
- Storts, Robert Lee 1
Canal Winchester
- Stoughton, John Carlton 1
542 E. 6 Ave., Lancaster
- Stover, Carole Dee 3
1310 Saratoga S.W., Canton
- Stump, Evelyn Marie 4
203 E. Warren St., Germantown
- Stursteps, Monta Henrieta 2
145 Meadow Lane, New Rochelle,
N. Y.
- Sumner, Walter Charles 1
R. R. #6, Springfield
- Swank, John Graham 4
183 W. Main St., Westerville
- Switzer, Donald Edwin 2
1809 Clover Ave., Cleveland
- Szoke, Joseph Paul 1
225 Highpoint Ave., Akron 12
- Taggart, James Williams 1
824 E. Bowman, Wooster
- Teeter, Beverly Jane 2
R. R. #2, Butler
- Tell, Agnes Anne 4
1314 Center St., Union, N. J.
- Termeer, Richard Duane 2
25 S. High St., Dublin
- Thomas, Joyce Eileen 1
Route #1, Centerville Pike,
Miamisburg
- Thompson, Jean Marie 4
Clarence Center Rd., Clarence
Center, N. Y.
- Thompson, Robert Irvin 1
34 Lawrence Ave., Columbus 4

- Tirnauer, Theodore Lawrence 3
2555 Bainbridge Ave.,
Bronx 58, N. Y.
- Tobin, George Edwin 2
8 N. Main St., Pleasantville, Pa.
- Tomb, Ruth Eleanor 4
132 Tulip St., Summit, N. J.
- Tompkins, Barbara Jeannette 2
1412 Catalpa Dr., Dayton
- Tong, Curtis Whitfield 1
14 Maple Park, Newton
Centre, Mass.
- Tong, Eloise 3
14 Maple Park, Newton
Centre, Mass.
- Trauth, David Charles 1
100 Jefferson Ave., Maplewood, N.J.
- Travis, Mildred Grace S
2930 E. Walnut St., Westerville
- Tempert, Robert Herman 1
1515 St. Johns, Lima
- Trumbull, Clyde Austin 3
690 E. Kossuth St., Columbus
- Tucker, Mary Frances 4
620 Evening St., Worthington
- Tumblin, Patricia Ann 1
355 S. 10 St., Coshocton
- Turquand, Glynn Howell 3
3 Lowell Rd., Port Washington,
N. Y.
- Unger, Don Edwin 1
Gnadenhutten
- Valentine, Joanne 1
447 Church St., Chillicothe
- Vaughn, James Neal 1
95 Cherry St., Westerville
- Vermilya, Nancy Carolyn 3
59 W. Broadway, Westerville
- Waggamon, Delbert Roy 1
R. D. #1, Rittman
- Wagner, James Kenneth 1
Portland St., Celina
- Wagner, Mary Anna 1
2519 8 St., N.W., Canton 8
- Walburn, Larry Lyn 1
609 N. Hampshire Ave., Wellston
- Waldron, Lois Elizabeth 2
245 E. 66 St., Los Angeles 3, Calif.
- Walker, Joseph Eugene 2
Sunbury
- Walker, Marjorie Jean 1
56 Hiawatha Ave., Westerville
- Warner, Barbara June 2
2152 Overbrook Rd., Lakewood 7
- Warner, David Brooks 1
250 Pasadena Ave., Columbus 4
- Warner, Robert Earle 1
2152 Overbrook Rd., Lakewood 7
- Weber, Clyde Douglas 1
179 Hepburn Rd.,
Hamden 14, Conn.
- Wehrman, Louis William 3
Box 122, Twinsburg
- Weimer, Richard Wayne 1
1376 Republic Ave., Columbus
- Weisenberger, Joyce Helen 1
941 3 St., Ottawa
- Welliver, Jay Laird 4
Box 226, Verona, Va.
- Westervelt, Mary Joanne 1
709 W. 4 St., Delphos
- Whipp, James Thomas 1
127 Plum St., Westerville
- White, Walter Nyack 2
Box 109, Luray, Va.
- Whiting, Ruth Baker 1
936 Francis Ave., Bexley
- Whitt, Ronald Eugene 1
4153 Annapolis Ave., Dayton
- Wilburn, Walter Barnabas 3
60 W. Park St., Westerville
- Wildasinn, Frank A. Zeller 2
Vets Village, Westerville
- Wileman, Ralph Eugene, Jr. 4
86 Hamilton Ave., Akron
- Wilkinson, Robert Earl 1
1247 Ingham St., Pittsburgh 12, Pa.
- Williams, Fern Annette S
Box 201B, R.R. #2,
Berrien Springs, Mich.
- Williams, Myron Kent 4
R.R. #2, St. Johns, Mich.
- Williams, Roger Bruce 1
222 S. Main St., Granville
- Williams, Waneta Norene 1
124 Flynn St., Clarksburg, W. Va.
- Wilson, Janet Elizabeth 3
277 St. Pauls Ave.,
Staten Island, N. Y.
- Wilson, Lois Mae 1
1508 N. Main St., Dayton
- Wilson, Mary Louise 1
R.R. #1, Trenton
- Wilson, W. Stuart III 1
135 N. Huron Ave., Columbus
- Winkler, Richard Arlington, Jr. 2
21½ Union Square,
Phillipsburg, N. J.
- Winkler, Richard Eugene 2
27 S. State St., Rittman
- Wirth, Gerald Richard 1
1223 Colwick Dr., Dayton
- Wiseman, Robert Glenn 4
29 Glenwood Dr., Westerville
- Witherow, Spurgeon DeWitt, Jr. 4
15½ W. College Ave., Westerville

- Wolfe, Barbara Lou 1
 Route #1, Sandusky
 Wolfe, Betty Lou 4
 R. D. #2, Punxsutawney, Pa.
 Womer, Albert Stewart 1
 Charles St., Hooversville, Pa.
 Wood, Nancy Genevieve 1
 444 Locust St., Pittsburgh 13, Pa.
 Wood, Sarah Elizabeth 1
 Box 27 R.R. #2, Cardington
 Woods, Richard Ellsworth 2
 R.R. #1, Groveport
 Woolums, Ned William 3
 486 Melrose Ave., Columbus
 Worthington, Mae Arlene 2
 S. Gay St., Plain City
 Wright, Clarence David 4
 116 W. Pearl St., Willard
 Wright, Harry Edward 1
 342 Berlin St., Huron
 Wright, Robert Lee 1
 912 Nordale, Dayton 10
 Yaeger, William Lewis 1
 197 W. Park St., Westerville
- Yoest, Elmer William 4
 2699 Perdue Ave., Columbus
 Yohn, Joanne Elizabeth 1
 16 Clark Ave., Shelby
 Yost, Ann Marie 4
 8162 N. High St., Worthington
 Yost, Janet Louise 1
 Route #2, Box 315-A, Brookville
 Yothers, Duane Alden 2
 2130 Chalfant St., Wilkinsburg, Pa.
 Young, Beverly Anne 3
 224 Maddux Dr., Miamisburg
 Young, Richard Allen 2
 630 Woodrow Ave., Columbus
 Zagray, Allan Howard 2
 810 Linwood Ave., S.W., Canton
 Zaveson, Richard Earl 1
 2703 Paxton Ave., Akron 12
 Zellner, Thelma Marie 1
 R.F.D. #2, Fremont
 Zimmerman, Amelia Ann 1
 Sugarcreek
 zumBansen, Eleanore 4
 228 S. Forest Rd.,
 Williamsville, N. Y.

SUMMARY OF STUDENTS, 1952-53

FIRST SEMESTER

FULL TIME

Seniors	109
Juniors	101
Sophomores	129
Freshmen	240
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Total	579

SPECIAL	21
MUSIC	212
Total	821
Names Repeated	184
Net Total	628

MEN AND WOMEN

COLLEGE CLASSES:

Men	338
Women	241
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Total	579

TOTAL ENROLLMENT:

Men	354
Women	274
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Total	628

Denominations

Evangelical United Brethren	286	
Methodist	123	
Presbyterian	69	
Baptist	21	
Congregational	20	
Catholic	18	
Lutheran	18	
Evangelical and Reformed	11	
Church of Christ	10	
Episcopalian	8	
Jewish	6	
Mennonite	6	
Greek Orthodox	4	
Church of God	3	
Community	3	
Christian	2	
Christian Missionary Alliance	1	
Christian Science	1	
Christian Union	1	
Dutch Reform	1	
Friends	1	
Moravian	1	
Nazarene	1	
Pentecostal	1	
Primitive Methodist	1	
No Church Affiliation	11	
Total		628

States and Countries

STATE	NUMBER	STATE	NUMBER
Ohio	490	Georgia	1
Pennsylvania	55	Illinois	1
New York	27	Kentucky	1
Michigan	9	Maryland	1
Massachusetts	8	New Hampshire	1
West Virginia	8	Alaska	1
New Jersey	7	Puerto Rico	1
Indiana	5	COUNTRY	
Connecticut	3	Africa	1
Virginia	3	Canada	1
Alabama	1	Guatemala	1
California	1		
Delaware	1	Total	628

States By Counties

OHIO

Franklin	146	Lorain	3
Montgomery	71	Madison	3
Stark	26	Preble	3
Summit	16	Belmont	2
Delaware	14	Fulton	2
Butler	13	Greene	2
Cuyahoga	11	Lake	2
Licking	9	Lucas	2
Tuscarawas	9	Medina	2
Wayne	9	Mercer	2
Hamilton	7	Muskingum	2
Richland	7	Ottawa	2
Marion	6	Perry	2
Morrow	6	Pickaway	2
Putnam	6	Wood	2
Ross	6	Ashtabula	1
Allen	5	Athens	1
Crawford	5	Clermont	1
Fairfield	5	Columbiana	1
Hancock	5	Defiance	1
Scioto	5	Geauga	1
Warren	5	Guernsey	1
Ashland	4	Harrison	1
Clark	4	Highland	1
Coshocton	4	Jefferson	1
Erie	4	Lawrence	1
Jackson	4	Portage	1
Knox	4	Sandusky	1
Miami	4	Trumbull	1
Seneca	4	Union	1
Champaign	3	Van Wert	1
Darke	3	Washington	1
Fayette	3	Wyandot	1
Henry	3		
Huron	3		
		Total	490

PENNSYLVANIA

Cambria	15	Jefferson	2
Allegheny	13	McKean	2
Westmoreland	11	Crawford	1
Venango	4	Somerset	1
Blair	3	Washington	1
Erie	2		
		Total	55

NEW YORK

Kings	5	Albany	1
Westchester	4	Monroe	1
New York	3	Niagara	1
Queens	3	Rensselaer	1
Erie	2	Richmond	1
Nassau	2	Schoharie	1
Suffolk	2		
		Total	27

MICHIGAN

Kent	3	Clinton	1
Wayne	3	Washtenaw	1
Berrien	1	Total	9

MASSACHUSETTS

Middlesex	6	Hampshire	1
Bristol	1	Total	8

WEST VIRGINIA

Wood	3	Kanawha	1
Harrison	2	McDowell	1
Cabell	1	Total	8

NEW JERSEY

Union	3	Mercer	1
Cumberland	1	Warren	1
Essex	1	Total	7

INDIANA

Randolph	2	Marion	1
Adams	1	Total	5
Delaware	1		

CONNECTICUT

Fairfield	1	New London	1
New Haven	1	Total	3

VIRGINIA

Alexandria	1	Warwick	1
Page	1	Total	3

ALABAMA

Huntsville	1
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CALIFORNIA

Los Angeles	1
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DELAWARE

New Castle	1
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GEORGIA

Fulton	1
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ILLINOIS

Sangamon	1
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KENTUCKY

Clay	1
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MARYLAND

Prince Georges	1
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NEW HAMPSHIRE

Grafton	1
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ALASKA

Anchorage	1
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PUERTO RICO

San Juan	1
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Preliminary Application for Admission

(Use Care in Filling out Application)

I hereby apply for admission to Otterbein College. I agree to conform to the rules and regulations of the College as outlined on page 27 in the catalog under the heading "General Regulations." I submit the following information, for the accuracy of which I vouch.

Name Age
First Second Last

Home Address, Street and No. Phone:

P. O. State

Name of Parent or Guardian Phone No.

Name of Pastor Denomination

Address of Pastor

Name of your High School

Address of School

(over)

How To Make Application

1. Fill out the above preliminary application blank and send it to the Director of Admissions
2. If the preliminary application is satisfactory, the Director of Admissions will then send to you the final application papers, including: (a) the formal application blank, (b) the regular form for a transcript of your high school credits, and (c) a blank for your health record.
3. If all three blanks are satisfactory, you will be notified promptly of your acceptance for admission.
Applications are accepted in the order in which they are received.
Earliest applicants have choice of better rooms.

Name of Principal

Time of Graduation: Month Day Year

Were you in the highest, middle, or lowest third of your class?

Have you attended college elsewhere?

If so, where?

How long?

Subject in which you desire to major

Which program?

Vocation you intend to follow

When do you intend to enter?

Are you married? Number of children?

If married, do you wish the college to help you secure housing?

If single, will the College need to provide housing for you?

Date

This application should be mailed to:

THE DIRECTOR OF ADMISSIONS

OTTERBEIN COLLEGE

WESTERVILLE, OHIO





