

Otterbein University

Digital Commons @ Otterbein

[Course Catalogs](#)

[Archives & Special Collections](#)

4-1941

1940-1941 Otterbein College Bulletin

Otterbein University

Follow this and additional works at: <https://digitalcommons.otterbein.edu/coursecatalogs>



Part of the [Curriculum and Instruction Commons](#), [Higher Education Commons](#), and the [Higher Education Administration Commons](#)

Recommended Citation

Otterbein University, "1940-1941 Otterbein College Bulletin" (1941). *Course Catalogs*. 15.
<https://digitalcommons.otterbein.edu/coursecatalogs/15>

This Book is brought to you for free and open access by the Archives & Special Collections at Digital Commons @ Otterbein. It has been accepted for inclusion in Course Catalogs by an authorized administrator of Digital Commons @ Otterbein. For more information, please contact digitalcommons07@otterbein.edu.

OTTERBEIN COLLEGE BULLETIN



8:30 - 3 Religion

10:30 - 1 Physical

7:15 9:30 - 4 German

10:30 - 3 Math

2007

CATALOG NUMBER

APRIL • 1941

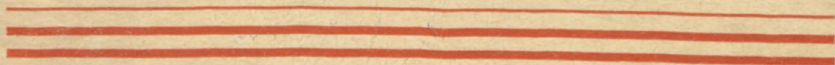






Exhibit
from
429-12

THE NINETY-THIRD
ANNUAL CATALOG

OF

Otterbein College

(FOUNDED 1847)



*For the Year of 1940-41
With Announcements for 1941-42*



WESTERVILLE, OHIO

Published by the College

1941

April, 1941

Volume XXXVII, No. 5

Entered as Second Class Matter at Westerville, Ohio. Accepted for mailing at Special Rate Postage provided for in Section 1103, Act of October 3, 1917. Authorized July 26, 1918. Issued five times a year—July, October, November, January, and April.

1941

CALENDAR

1941

JANUARY

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

FEBRUARY

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY

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

JUNE

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

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

OCTOBER

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1942

CALENDAR

1942

JANUARY

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

FEBRUARY

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MARCH

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY

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

JUNE

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

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

OCTOBER

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

TABLE OF CONTENTS

	Page
Calendar -----	5
The Board of Trustees -----	7
The Officers of Administration -----	9
The Faculty of Instruction -----	10
Officers and Committees -----	14
General Information—	
Historical Statement -----	17
Location -----	19
Buildings and Equipment -----	19
Housing and Supervision -----	21
Health -----	22
Physical Education -----	23
Religious and Cultural Activities -----	24
Student Government and General Regulations -----	26
Expenses -----	27
Scholarships and Financial Aid -----	31
The College of Arts and Sciences—	
Requirements for Admission and Advanced Standing -----	38
Requirements for Graduation -----	39
Pre-Professional Courses -----	45
Courses of Instruction—	
Astronomy -----	49
Biology -----	50
Chemistry -----	53
Classics -----	56
Economics and Business Administration -----	58
Education -----	60

	Page
English	64
Fine Arts	67
Geology and Geography	70
History	72
Home Economics	75
Mathematics	77
Modern Languages	80
Music	84
Natural Science	94
Orientation	94
Philosophy and Psychology	94
Physical Education	97
Physics	99
Political Science	100
Religion	103
Sociology	105
Speech	107
Register of Students	110
Index	130

COLLEGE CALENDAR

1941

- Feb. 22 Saturday, Washington's Birthday. A Holiday.
Mar. 29 Saturday, Mid-Semester.
Mar. 29 Saturday, 12:00 M. Spring Recess begins.
April 7 Monday, 7:30 A. M. Spring Recess ends.
April 26 Saturday, Founders' Day.
April 26 Saturday, Scholarship Day.
May 3 Saturday, May Day. Parents' and Visitors' Day.
May 30 Friday, Memorial Day. A Holiday.
May 24 to 31 Saturday to Saturday. Final Examinations for Seniors.
June 2 to 7 Monday to Saturday. Final Examinations.
June 6 Friday, 1:30 P. M. Meeting of the Board of Trustees.
June 6 Friday, 8:00 P. M. Reception by President and Mrs. Howe to Senior Class, Cochran Hall.
June 7 Saturday, Alumni Day.
June 7 Saturday, 9:00 A. M. Meeting of the Board of Trustees.
June 7 Saturday, 12:00 M. Class Reunions.
June 7 Saturday, 2:00 P. M. Senior Class Day Program.
June 7 Saturday, 5:00 P. M. Alumni Dinner.
June 7 Saturday, 8:00 P. M. Commencement Play.
June 8 Sunday, 10:45 A. M. Baccalaureate Service.
June 8 Sunday, 8:30 P. M. Concert by Department of Music.
June 9 Monday, 10:00 A. M. EIGHTY-FIFTH ANNUAL COMMENCEMENT.
Sept. 13 Saturday, 2:30 P. M. to Tuesday, Sept. 16, 4:00 P. M., Freshman Period Program. Attendance of all Freshmen required.
Sept. 16 Tuesday, 8:00 A. M. to 5:00 P. M., Registration.
Sept. 17 Wednesday, FIRST SEMESTER BEGINS.
7:30 A. M. Classes begin. 11:00 A. M., Opening Exercises.
Oct. 25 Saturday, Fall Homecoming.
Nov. 13 Thursday, Mid-Semester.
Nov. 19 Wednesday, 12:00 M., Thanksgiving Recess Begins.
Nov. 24 Monday, 7:30 A. M., Thanksgiving Recess Ends.
Dec. 20 Saturday, 12:00 M., Christmas Recess Begins.

1942

- Jan. 5 Monday, 7:30 A. M., Christmas Recess Ends.
Jan. 21 Wednesday, Registration for Second Semester.
Jan. 26 to 31 Monday to Saturday, Final Examinations.
Jan. 31 Saturday, 12:00 M., First Semester Ends.
Feb. 3 Tuesday, 7:30 A. M. SECOND SEMESTER BEGINS.
Feb. 23 Monday, Holiday for Washington's Birthday.
Mar. 28 Saturday, Mid-Semester.
Mar. 28 Saturday, 12:00 M. Spring Recess begins.

April 6 Monday, 7:30 A. M. Spring Recess ends.
April 26 Sunday. Founders' Day.
May 2 Saturday. May Day. Parents' and Visitors' Day.
May 30 Saturday. Memorial Day. A Holiday.
June 1 to 6 Monday to Saturday. Final Examinations for Seniors.
June 8 to 13 Monday to Saturday. Final Examinations.
June 15 Monday, 10:00 A. M. EIGHTY-SIXTH ANNUAL COMMENCE-
MENT.

CORPORATION

BOARD OF TRUSTEES

Chairman—Homer B. Kline, B.A.-----Wilkinsburg, Pa.
Vice-Chairman—E. B. Learish, B.A., D.D.-----Johnstown, Pa.
Secretary—E. L. Weinland, Ph.B., LL.B., LL.D.-----Columbus

ALLEGHENY CONFERENCE

Avra Pershing, Jr., B.S., LL.B., Greensburg, Pa.-----Sept., 1941
Rev. E. B. Learish, B.A., D.D., Johnstown, Pa.-----Sept., 1942
Rev. E. C. Weaver, B.A., D.D., Johnstown, Pa.-----Sept., 1943

EAST OHIO CONFERENCE

E. F. Crites, Barberton -----Sept., 1941
Rev. S. W. Smith, Cleveland -----Sept., 1942
Rev. Lewis S. Frees, B.A., Canton -----Sept., 1943

ERIE CONFERENCE

Rev. L. H. Morton, B.A., Rixford, Pa.-----Sept. 1941
Rev. U. B. Brubaker, B.A., Clarence, N.Y.-----Sept., 1942
Rev. C. M. McIntyre, Bradford, Pa.-----Sept., 1943

FLORIDA CONFERENCE

Rev. William O. Bearss, Tampa, Florida.

MIAMI CONFERENCE

Rev. E. R. Turner, B.A., Middletown -----Aug., 1941
Rev. J. P. Hendrix, B.A., Brookville -----Aug., 1942
Rev. William Messmer, B.A., Hamilton -----Aug., 1943

MICHIGAN CONFERENCE

Rev. J. F. Hatton, B.A., Detroit, Michigan-----Sept., 1941
Richard W. Mitchell, B.A., Grand Rapids, Michigan-----Sept., 1942
Rev. I. E. Runk, B.S., D.D., Grand Rapids, Michigan-----Sept., 1943

SANDUSKY CONFERENCE

Rev. O. E. Knepp, Galion -----Sept., 1941
Rev. C. O. Callender, B.A., D.D., Toledo-----Sept., 1942
Edwin Gearhart, B.A., Bucyrus -----Sept., 1943

SOUTHEAST OHIO CONFERENCE

Rev. E. E. Harris, B.A., D.D., Dayton-----Sept., 1941
Rev. P. E. Wright, D.D., Lancaster -----Sept., 1942
Rev. A. B. Cox, D.D., Newark -----Sept. 1943

TENNESSEE CONFERENCE

Rev. V. C. Adcock, Greenville, Tenn.	Sept., 1941
Rev. Dewey Whitwell, D.D., Nashville, Tenn.	Sept., 1942

WEST VIRGINIA CONFERENCE

Judge James A. Meredith, B.A., LL.B., Fairmont, W. Va.	Sept., 1941
Rev. Ray N. Shaffer, B.A., Charleston, W. Va.	Sept., 1942
Rev. F. H. Capehart, D.D., Clarksburg, W. Va.	Sept., 1943

TRUSTEES-AT-LARGE

Frederick H. Rike, B.A., Dayton	June, 1941
Jacob S. Gruver, M.A., Washington, D.C.,	June, 1941
Homer B. Kline, B.A., Wilkinsburg, Pa.	June, 1942
Rev. F. S. McEntire, B.A., B.D., Buffalo, N. Y.	June, 1942
Mrs. Frank J. Resler, Ph.B., Columbus	June, 1943
E. N. Funkhouser, B.A., Hagerstown, Md.	June, 1943
W. F. Hutchinson, Columbus	June, 1944
Bishop A. R. Clippinger, B.D., D.D., LL.D., Dayton	June, 1944
Henry C. Ochs, Dayton	June, 1945
Andrew Timberman, M.D., Columbus	June, 1945

ALUMNI TRUSTEES

P. H. Kilbourne, M.D., Dayton	June, 1941
F. O. Clements, M.A., Sc.D., Westerville	June, 1941
Vance E. Cribbs, B.S., Middletown	June, 1942
Mabel Gardner, M.D., Middletown	June, 1942
E. L. Weinland, Ph.B., LL.B., LL.D., Columbus	June, 1943
Homer Lambert, B.A., Anderson, Indiana	June, 1943
Philip Garver, B.A., Strasburg	June, 1944
F. M. Pottenger, M.D., Monrovia, Calif.	June, 1944
Earl Hoover, B.A., LL.B., Cleveland	June, 1945
Rev. A. T. Howard, B.A., D.D., Dayton	June, 1945

EXECUTIVE COMMITTEE

J. Ruskin Howe, Chairman

Homer B. Kline	E. B. Learish
F. O. Clements	P. H. Kilbourne
W. F. Hutchinson	F. H. Capehart
Andrew Timberman	E. R. Turner
E. L. Weinland	Homer D. Cassel
J. H. Weaver	E. E. Harris

OFFICERS OF ADMINISTRATION

- JOHN RUSKIN HOWE, B.D., Ph.D., D.D.
President
- WALTER GILLAN CLIPPINGER, B.D., D.D., LL.D.
President Emeritus
- JOHN EVERETT WENRICK, Ph.D.
Acting Dean of the College
- (Mrs.) NORA WILLS PORTER, M.A.
Dean of Women
- FLOYD JOHNSON VANCE, M.A.
Registrar
- WESLEY ONOVAN CLARK
Treasurer of the College
- REV. J. NEELY BOYER, B.D., M.A.
Pastor of the College Church
- FRED ARTHUR HANAWALT, M.S.
Secretary of the Faculty
- (Mrs.) MARY WEINLAND CRUMRINE, A.B., B.Mus., B.L.S.
Librarian
- (Mrs.) NELLIE SNAVELY MUMMA, Litt.B.
Assistant in Library
- (Mrs.) FRANCES FARRAN BEATTY, B.A., B.L.S.
Assistant in Library
- GERALD BERNARD RILEY, B.A.
Director of Public Relations
- VIRGINIA KATHRYN HETZLER, B.A.
Director of Admissions
- ROBERT DAYTON WHIPP, B.A.
Director of The News Bureau
- LUCIUS LEE SHACKSON, M.A.
(Mrs.) ELIZABETH MAETZ SHACKSON
Managers of King Hall
- (Mrs.) DAISY WEST FERGUSON
Matron of Saum Hall
- (Mrs.) LORINE OHLER WINEGARDNER
Matron of Thomas Cooperative Cottage
- MABEL McMILLAN
Matron of Clements Cooperative Cottage
- ROBERT KARL EDLER, B.A., M.D.
College Physician
- HELEN N. YARNELL, R. N.
Resident Nurse
- MARTHA LOUISE BOWSER, B.A.
Secretary to the President
- EILEEN ALICE BLAKE
Secretary to the Treasurer

FACULTY OF INSTRUCTION

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 indicated marks the year of appointment.

JOHN RUSKIN HOWE, B.D., Ph.D., D.D.
President
1939-

TIRZA LYDIA BARNES, B.S.
Librarian Emeritus
1890-1934

THOMAS JEFFERSON SANDERS, Ph.D., LL.D.
Hulitt Professor Emeritus of Philosophy
1891-1931

CHARLES SNAVELY, Ph.D., LL.D.
Professor Emeritus of History
1900-

SARAH M. SHERRICK, Ph.D.
Professor Emeritus of English Literature
1902-1932

LULA MAY BAKER, B.A., B.Mus.
Instructor in Piano and History of Music
1903-

GLENN GRANT GRABILL, B.Mus., A.A.G.O.
Professor of Music
1905-

ALZO PIERRE ROSSELOT, Ph.D.
Professor of Modern Languages
1905-

EDWARD WALDO EMERSON SCHEAR, Ph.D.
Professor of Biology and Geology
1912-

JAMES HARVEY McCLOY, M.S.
Merchant Professor of Physics and Astronomy
1913-

ROYAL FREDERICK MARTIN, B.P.E., M.Ed.
Professor of Physical Education
1913-17; 1919-

FACULTY OF INSTRUCTION

11

ARTHUR RAY SPESSARD, B.I.
Professor of Voice
1913-

CARY OSCAR ALTMAN, M.A.
Professor of English Language and Literature
1915-

BENJAMIN CURTIS GLOVER, M.A.
Dresbach Professor of Mathematics
1919-

FRED ARTHUR HANAWALT, M.S.
Assistant Professor of Biology
1920-

GILBERT EMORY MILLS, M.A.
Assistant Professor of Modern Languages
1920-
(On leave of absence 1940-41)

EDWIN MAY HURSH, M.A.
Professor of Sociology
1922-

BYRON WARREN VALENTINE, B.D., M.A., LL.D.
Professor Emeritus of Education
1922-1936

JESSE SAMUEL ENGLE, M.A., B.D.
Myers Professor of Bible
1923-

(Mrs.) MABEL DUNN HOPKINS
Instructor in Violin
1923-

HORACE WILLIAM TROOP, M.A., LL.B.
Professor of Economics and Business Administration
1924-

FRANCES HARRIS, B.A., B.Mus.
Instructor in Piano
1926-

PAUL EUGENE PENDLETON, Ph.D.
Assistant Professor of English Language and Literature
1926-

JOHN FRANKLIN SMITH, M.A.
Professor of Speech
1927-

OTTERBEIN COLLEGE

ALBERT JAMES ESSELSTYN, M.S.
Assistant Professor of Chemistry
1928-

RAYMOND ELI MENDENHALL, Ph.D.
Director of Teacher Training
1928-

HARRY ALBERT HIRT
Instructor in Wind Instruments and Band
1929-

HARRY WALTER EWING, LL.B.
Assistant Coach and Assistant Professor of Physical Education
1934-

GEORGE McCracken, Ph.D., F.A.A.R.
Flickinger Professor of Classic Languages and Literature
1935-

WILLARD WILLIAM BARTLETT, Ph.D.
Professor of Education
1936-

JOHN EVERETT WENRICK, Ph.D.
Hulitt Professor of Philosophy and Psychology
1936-

RACHEL ELIZABETH BRYANT, M.A.
Director of Physical Education for Women
1936-

LUCIUS LEE SHACKSON, M.A.
Instructor in Voice and Public School Music
1936-

PAUL BUNYAN ANDERSON, Ph.D.
Professor of English Language and Literature
1937-

LYLE JORDAN MICHAEL, Ph.D.
Professor of Chemistry
1937-

(Mrs.) NORA WILLS PORTER, M.A.
Dean of Women
1938-

ELSBETH CLARE WALTHER, M.A.
Professor of Fine Arts
1938-

FACULTY OF INSTRUCTION

13

ESTHER GRACE WHITESEL, M.A.
Professor of Home Economics
1938-

SAMUEL THOMAS SELBY, B.S. in Ed.
Head Coach and Director of Athletics
1939-

JOHN K. COX, B.A.
Line Coach and Assistant Freshman Coach
1939-

WILLARD G. JAMES
Tennis Coach
1940-

RANALD WOLFE, B.A.
Instructor in Psychology
1940-

M. LAMBERT HURSH, B.A.
Special Lecturer in Sociology
1940-

KENNETH BUNCE, Ph.D.
Professor of History
1940-

CHARLES BOTTS, M.S.
Instructor in Biological Sciences
1940-

L. WILLIAM STECK, M.A.
Instructor in Political Science
1940-

MARTHA ROSE FIPPEN, B.S. in Ed.
Assistant Instructor in Physical Education for Women
1940-

ESTHER FORRISTALL, B.Mus.
Director of the Preparatory Music Department
1940-

JEAN WOLFE, M.A.
Instructor in French
1940-1941

GEORGE ERIC BECHTOLT, M.A.
Instructor in German
1940-1941

OFFICERS AND COMMITTEES
OF THE
FACULTY OF OTTERBEIN COLLEGE

1940-41

OFFICERS OF ADMINISTRATION

John Ruskin Howe, President
John Everett Wenrick, Acting Dean
(Mrs.) Nora Wills Porter, Dean of Women
Fred Arthur Hanawalt, Secretary to the Faculty
Wesley Onovan Clark, Treasurer
Floyd Johnson Vance, Registrar

FACULTY COMMITTEES

Curriculum

Dean Wenrick, Mr. Vance, Professors Rosselot, Whitesel, Engle, McCloy,
Martin, Anderson, Bartlett, Grabill, Schear and Troop

Committee on Graduate Opportunities

Professors Michael, Mills, Glover, Engle, Mr. Vance, Dean Wenrick

Freshman Period

Professors Glover, Mills, Shackson, Dean Wenrick and Martin, Dean Porter,
Mr. Vance and Coach Selby. (Special Advisers to be assigned for freshmen and sophomores by the Registrar.)

Campus Council

Faculty Representatives: Professors Rosselot, McCloy, Altman, Dean
Porter and Miss Hetzler

Student Representatives: Mr. Oliver Osterwise, Miss Bette Greene, Mr.
Fred Long and Miss Mary Louise Plymale

Housing Committee

Miss Hetzler, Professor Mills, Mr. Vance, Dean Wenrick, Dean Porter,
Professor Shackson

Directing Committee of the Department of Music

Professors Grabill, Spessard, Shackson, Harris, Forristall and the Dean

Library

Mrs. Crumrine, Mrs. Beatty, Mrs. Mumma, Professors Anderson, Wenrick,
McCracken and Wolfe

Scholarship Day Committee

Professors Esselstyn, Michael, Shackson, Mr. Vance and Miss Hetzler

Committee on Admissions

President Howe, Miss Hetzler, and Dean Wenrick

Ohio Athletic Conference Representatives

Professors Troop and Martin

Alumni Records and Placement

Mr. Vance, Mr. Riley, Professors Mills, Mendenhall and Bartlett

Lectures and Public Occasions

President Howe, Dean Wenrick, Professor Smith and Miss Hetzler

Conference Relationships

Professors Engle, Smith, Altman and Mr. Riley

Advisory Members: The President, the Dean, the Bishop of the Ohio District, and the Superintendents of Cooperating Conferences

Health Committee

Doctor Edler, Professors Martin, Schear, Bryant and Miss Yarnell

Spiritual Life

President Howe, Professors Troop, McCracken, Engle, Baker and the college pastor

Otterbein College is accredited by national, regional and state agencies. Official recognition by these organizations indicates standards of scholarship and academic excellence. Otterbein is an institutional member of the following:

ASSOCIATION OF AMERICAN COLLEGES

NORTH CENTRAL ASSOCIATION OF COLLEGES AND
SECONDARY SCHOOLS

THE OHIO COLLEGE ASSOCIATION

Otterbein is recognized for accreditation by the Association of American Universities, The State of Ohio Department of Education and the North Central Association of Colleges and Secondary Schools. Membership in the American Association of University Women admits any woman graduate of Otterbein to full membership in any local A. A. U. W. chapter.

GENERAL INFORMATION

HISTORICAL STATEMENT

Otterbein College was founded and fostered under the auspices of the Church of the United Brethren in Christ. This Protestant group had its beginning in the latter part of the Colonial period under the leadership of Philip William Otterbein, a missionary from Germany. Independence of thought, combined with simple sincerity and a zeal for personal Christian living, caused this unusual man to depart from traditions which he felt had become mere formalities, and he established a congregation and built a church of his own at Baltimore, Maryland. Those of similar purpose gathered in other communities, and the new denomination was organized in 1800. There was no startlingly new creed which differentiated it from similar groups. The Church of the United Brethren in Christ did not and does not insist upon any particular symbol of religious conviction—baptism, for instance, may be administered in different ways, according to the choice of the individual. The emphasis is upon fundamental virtues in day-by-day activities.

With the founding of Otterbein College the work of higher education in the United Brethren Church began. The founder of the College, the Reverend Mr. Lewis Davis, D.D., was the father of higher education in the denomination. The General Conference of 1845 authorized and recommended the founding of an institution; the Board of Trustees met for its first session in Westerville on April 26, 1847, and the work of the College began on September 1, 1847. It was named for the founder of the Church.

The College began its career in the same spirit of independent pioneering which characterized the establishment of the Church. The ideal of a more nearly equal opportunity for all humanity was embodied in the policy of opening the doors of the institution to both sexes and to the members of all races and creeds. Otterbein College was the second in-

stitution of higher learning in the world to be founded upon the unqualified principle of co-education, Oberlin having been the first. In the decade just prior to the Civil War the college students and faculty were active in the cause of the liberation of negroes. 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 song. The influence of this religious idealism has continued to the present, and the College seeks continually to inspire an appropriate reverence for virtue in all its students as both leaders and followers in religious activity. The first State Young Women's Christian Association secretary in America was a graduate of Otterbein. Its Young Men's Christian Association and its Young Women's Christian Association were the first college Associations in the State of Ohio and its building for Association purposes was the first of the kind in the country.

Though the institution has made an effort to retain 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 two million dollars. The original faculty consisted of one professor and three instructors; today the total number on the instructional and administrative staff is over fifty.

The College has sought to develop an educational program which will take into account the individual needs of each student. Its objective has been to cultivate the whole personality of each person who seeks its degree, and foster broad-minded attitudes in its men and women. It is assumed that such attitudes are necessary for success in any enterprise. However, the College also makes an effort to train its graduates in many of the more specialized activities of a vocational nature, such as business and civil service. The professional training for teachers has been emphasized, and many of the graduates have achieved success in the field of education. The curriculum offers complete work to the stu-

dents who wish to prepare for subsequent study in engineering, theology, medicine, and dentistry.

LOCATION

Otterbein College is located at Westerville, Ohio, twelve miles north of Columbus, on the Cleveland, Akron and Columbus branch of the Pennsylvania Railway and the three C highway. There is convenient transportation from Columbus by Greyhound bus leaving terminal station at frequent intervals.

Westerville has a population of three thousand and has all modern improvements. These material conditions, coupled with the high moral tone of the village, make Westerville an ideal college town.

BUILDINGS AND EQUIPMENT

Otterbein's buildings and grounds occupy about forty acres on the west side of Westerville. About twelve acres of this ground are in the main campus, the remainder in various contiguous locations separated only by streets from the main campus, portions of which are used for athletic fields.

The college group consists of the following fourteen buildings:

1. THE ADMINISTRATION BUILDING is a large four-storied brick structure in the Gothic style. It is situated in the center of the campus.
2. THE ASSOCIATION BUILDING is devoted to the interests of the Young Men's and Young Women's Christian Associations. It is also the headquarters of the Women's Department of Physical Education and is fully equipped for this purpose.
3. THE CARNEGIE LIBRARY was named in honor of its donor, Andrew Carnegie. Including the libraries of the Philomathean and Philophronean Literary Societies, it contains approximately 28,000 volumes, several thousand pamphlets and government documents, 120 magazines and the best local and national newspapers. The staff consists of three pro-

essional librarians and eight student assistants, who are given an opportunity to gain training and practical experience in library work.

4. THE LAMBERT FINE ARTS BUILDING was a gift of Mr. G. A. Lambert and family of Anderson, Indiana. It houses the Conservatory of Music, the Art Department and the Department of Home Economics.

5. THE McFADDEN SCIENCE HALL houses the well-equipped laboratories of the Departments of Chemistry, Physics, and the Biological Sciences.

6. THE ALUMNI GYMNASIUM contains a floor sufficiently large for two parallel basketball courts and an auxiliary floor of ample size. It has a seating capacity for 1,400 spectators, numerous lockers, showers, dressing rooms and offices and five rooms for recitation purposes.

7. THE OTTERBEIN HEALTH CENTER houses the clinic, dispensary, and infirmary. The clinic and examination rooms are well equipped and there are comfortable beds available for the treatment and care of usual cases.

8. THE PRESIDENT'S HOUSE is a comfortable eight-room structure, located on the north side of the college campus.

9. THE HEATING PLANT supplies steam heat for the campus buildings.

10. COCHRAN HALL was the gift of Mrs. Sarah B. Cochran, of Dawson, Pa. It accommodates approximately eighty-five women.

11. SAUM HALL is a dormitory for freshman women.

12-13. THE CLEMENTS AND THOMAS COOPERATIVE HOUSES provide inexpensive dormitory facilities for thirty-one women who do their own cooking and cleaning. The Thomas House is a gift from Mrs. Emma B. Thomas and Miss Mary Thomas in memory of their husband and father.

14. KING HALL takes its name from Doctor and Mrs. John R. King, class of 1894, who contributed a large portion of the funds for its construction. It is a dormitory for men.

THE FIRST UNITED BRETHREN CHURCH, though not a part of the college plant, is a modern, commodious structure located in the college group.

THE HANBY HISTORICAL HOUSE is maintained by the Ohio Historical Society but is of interest to Otterbein as the home of Benjamin Hanby who, as a sophomore in Otterbein College, lived here and wrote here the famous song "Darling Nellie Gray."

HOUSING AND SUPERVISION

Otterbein College believes that the physical and social interests of the students can be served best by providing well for their home life while at college. As far as it is possible, a home-like atmosphere and attitude is fostered by the College in its residence halls.

To secure a room, a retaining fee of five dollars is required of each student. No room will be regarded as assigned until said fee has been deposited with the Treasurer. The fee is retained to the end of the year, or to the time of graduation, when the value of any breakage of furniture or damage to the room is deducted. This fee for new students making early application is refundable up to September first, provided previous notice is given of the student's inability to enter college.

Board and room rent for both men and women are payable strictly one month in advance. Any student neglecting to settle in this manner, unless by special arrangement with the Treasurer, will be charged with a delinquency fee of one dollar per day until settlement is made.

All Freshman men are required to room and board in King Hall. Others desiring to room there may have the privilege until the Hall is filled. Rooms in King Hall range from \$2.25 to \$2.50 per week. Board, \$90 per semester.

The men may furnish their own bed linen. If furnished by the Hall an extra charge of \$2.50 per semester will be made.

OTTERBEIN COLLEGE

The housing of all non-resident men of the college will be under the direct supervision of a special committee known as the Housing Committee.

The Phillip G. Cochran Memorial Hall and Saum Hall are the residence halls for women. The price of the rooms in Cochran Hall ranges from \$1.75 to \$2.50 per week. The price of the rooms in Saum Hall is \$2.00 per week. Cochran Hall has accommodations for eighty-five residents as well as the dining hall for women students. The price of board in the dining hall is \$90 per semester.

Students supply their own curtains, dresser and table covers, towels and bed linen. No woman will be permitted to room or board outside the residence halls except with the approval of the Housing Committee.

Thirty-one young women, who have been approved by the Director of Admissions, are given permission to live in the Thomas and Clements Cooperative Houses. Each girl works during succeeding weeks in one of three shifts, getting experience in doing all the work. The room rent is about \$1.75 per week, and board averages \$2.25 per week. All equipment is provided and there is a house mother as supervisor.

HEALTH

Otterbein College has an excellent health program for its students. The Health Service is under the supervision of the medical director 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 a registered nurse who is a resident of the Health Center and is 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 a modest fee.

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 expensive and unusual medicines are required for treatment, the costs of these preparations are borne by the student.

PHYSICAL EDUCATION

Physical education is required of all college students in the freshman and sophomore years. The Department of Physical Education offers a minor to both men and women which meets the approval of the State Department of Education. A college major is offered in this department.

Each student is given a physical examination on entering. Athletics include varsity teams in football, basketball, tennis, baseball and track. The College is a member of the Ohio Athletic Conference and participates with a great many of the other colleges of Ohio. Intramural activities are arranged in the various sports for both men and women.

Uniform gymnasium clothing is required for those who are members of the gymnasium classes. It is advised that the purchase of equipment be deferred until arrival.

The Varsity "O" Association is composed of honor men who by virtue of certain proficiency in the various athletic sports are admitted to membership.

The Women's Athletic Association, affiliated with the Athletic Conference of American College Women, fosters athletics for the women of the College. Membership is on a point basis. The object of the Association is to promote high ideals, encourage participation and to afford training for those who may be desirous of becoming teachers of physical education.

RELIGIOUS AND CULTURAL ACTIVITIES

RELIGIOUS SERVICES AND ORGANIZATIONS

A chapel assembly is held every morning, except Saturday and Sunday, at eleven-thirty. All students are required to be present at the regular chapel service.

A unified service of public worship and church school is conducted at ten o'clock every Sunday morning in the college church. All students are expected to be present, except those who arrange to worship elsewhere.

The Young Men's Christian Association and the Young Women's Christian Association meet weekly in the halls of their own in the Association Building. A Christian Endeavor Society meets regularly every Sunday evening. The Young People's Department of the Sunday School has its own organization. The Life Work Recruit organization offers encouragement to those interested in Christian work and training.

In the interest of greater effectiveness in promoting the religious life of the College, these four Christian organizations have federated as the Council of Christian Associations. A united budget covering all activities of those organizations, the promotion of campus speakers, all-campus parties, and the annual "Religion in Life Week," is set up and no further solicitations are made throughout the year. The membership of the Council consists of the president and one other member of each organization plus the president and one member of the student council.

MUSICAL ORGANIZATIONS

The Otterbein College Men's and Women's Glee Clubs, the two church choirs, the Banjo-Mandolin Club, the String Choir, and the College Band are all made up of students of the College.

DEBATE, ORATORY AND DRAMATICS

In addition to the regular courses in speech, ample opportunity is offered for varied forensic expression. Otterbein is

a member of the Ohio Inter-collegiate Debating Association, and the Ohio Inter-collegiate Oratory Association for both men and women, and each year is represented in these contests.

Otterbein maintains an active Cap and Dagger Club for those interested in dramatics. The Otterbein Chapter of Theta Alpha Phi, national honorary dramatic fraternity, honors with membership those students who have fulfilled certain requirements.

There is a chapter of Pi Kappa Delta, an honorary forensic fraternity. Only those students who have represented the college in inter-collegiate debate or oratory are eligible for membership.

LITERARY AND SCIENTIFIC ORGANIZATIONS

There are two clubs on the campus for those interested in literary activities: the Quiz and Quill Club and the Chaucer Club. The former emphasizes creative writing and the latter is primarily to develop intelligent criticism.

The International Relations Club provides a means of discussing world affairs and of broadening the students' view of contemporary politics.

Phi Sigma Iota is a national honor society, whose purposes are to recognize outstanding ability and attainments in Romance Languages and Literatures, and to stimulate advanced work and individual research in these fields.

Sigma Zeta is a national scientific society which embodies a two-fold purpose: first, to encourage and foster the attainment of knowledge in the various fields of science, and second, to provide a more or less tangible means for the recognition of scholarship. Regular meetings are held once a month.

PUBLICATIONS

The Tan and Cardinal is the official college paper. Every phase of college life is given its share of notice.

The Sibyl is a student publication issued annually by the Junior Class.

The Quiz and Quill is a magazine composed of the best English productions 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. members, is a neat pocket manual containing valuable information for new students.

The Otterbein College Bulletin, the official publication, is issued five times a year, in July, October, November, January and April.

The Alumni Register, containing a complete list of the officers, trustees, and alumni of the institution from its founding, is issued at irregular intervals.

STUDENT GOVERNMENT AND GENERAL REGULATIONS

The College seeks to cultivate 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 each of the four college classes, is an organization intended to facilitate the understanding of these responsibilities by the whole student body and to constitute a means of making vocal student opinion on any campus problem. The Campus Council consists of the members of the Student Council and representatives of the Faculty, and thus constitutes a means of communication and decision in matters which involve mutual relationship between those who teach and those who are taught.

Otterbein has few specific regulations governing student conduct. It depends rather upon the fair minded student to observe cheerfully the social proprieties without check or restraint. There are, however, well recognized restrictions concerning certain practices.

The use of intoxicating liquors in any form is prohibited. The use of tobacco is forbidden on the campus or streets facing the campus.

No self-perpetuating society or organization may be formed without permission from the Faculty.

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 in 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 standard.

Five unexcused absences from daily chapel shall be the maximum for a semester. Any student who has more than five unexcused absences shall be suspended by the Dean for a period of two weeks.

The College has made an effort to place the responsibility upon the students for attendance at classes as well as for general social behavior. All students who have secured a rating above the average in their scholastic work are free to come and go from the classes without any obligation to account to anyone for whatever absences may be on the record. A student who is inclined to abuse this privilege may be required to relinquish it, however.

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 fifty-five 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 expense also, the College makes an effort to remind 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 wishes to maintain democratic opportunities and attitudes under conditions that will not exclude any person because of his economic circumstances.

COLLEGE FEES

MATRICULATION FEE—One dollar per school year. This fee is charged all students each year and is payable in the office of the Registrar.

INCIDENTAL FEES—Six dollars per semester. This fee covers support of college athletics and physical education including an admission to home athletic events. Also included are a subscription to the *Tan and Cardinal*, the bi-weekly student publication, and a charge for library service.

HEALTH FEES—Three dollars per semester. This fee covers the usual services of the Health Center with maximum of three days of hospitalization. If additional infirmary service is required the student is charged according to a schedule arranged by the administration.

TUITION—One hundred dollars per semester. Tuition for regular college instruction is at the rate of one hundred dollars for each semester, which permits the student to take from twelve to seventeen hours of work. Students taking less than twelve hours of work will be charged at the rate of nine dollars per hour. Students taking more than seventeen hours of work will be charged at the rate of five dollars per hour for each additional hour.

LABORATORY, SPECIAL FEES AND DEPOSITS. The laboratory fees and deposits for the respective courses are recorded under the description of these courses. Special fees in the Departments of Music and Fine Arts will be found in the respective departments. See pages 92, 93 and 67.

GRADUATION FEES. Five dollars, payable to the Treasurer four weeks before graduation, is required of every candidate for a Bachelor's degree. A fee of one dollar is required of every candidate for a diploma in Music.

FRESHMAN PERIOD. A fee of two dollars and fifty cents is charged all freshmen for meals and dormitory facilities during the Freshman Period.

SPECIAL INSTRUCTION. Arrangements for personal instruction are possible in some departments for those individuals

who wish to enroll as special students and who are unable to attend regularly scheduled sessions of the classes. Such instruction is under faculty supervision and requires special application by the student and the consent of the faculty. The fee for this instruction is nine dollars per semester hour.

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.

SUMMARY OF EXPENSES

The following is an estimate of the total cost of one year of the types of work taken ordinarily by a student at the College:

	Low	High
Matriculation, Incidental and Health Fees----	\$ 19.00	\$ 19.00
Tuition—12 to 17 hours -----	200.00	200.00
Laboratory fees -----		30.00
Board -----	180.00	180.00
*Room—Women's Dormitories -----	64.75	92.50
*Room—Men's Dormitory -----	83.25	92.50
<hr/>		
Total—Women -----	\$463.75	\$521.50
Total—Men -----	482.25	521.50

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

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

- (a) Each semester bill is rendered in advance.
- (b) Students are expected to pay all College bills on or before the second day of each semester. Payment for board and room for the semester, however, may be made in four equal installments. 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.

(c) In exceptional cases parts of these fees may be deferred by previous arrangement with the College Treasurer. In such cases the student is required to give a secured interest-bearing note for the full amount due. Failure to complete this arrangement carries with it suspension from all class work and a fine of one dollar per school day until such arrangement is completed.

(d) The following rules regarding refunds are in force:

(1) **WITHDRAWALS**—All withdrawals must be made through the office of the Dean of the College.

(2) **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 Dean on the basis of the date of withdrawal from class:

Withdrawal within first or second week----	10% will be charged
Withdrawal within third week -----	20% will be charged
Withdrawal within fourth week -----	30% will be charged
Withdrawal within fifth week -----	40% will be charged
Withdrawal within sixth to ninth week----	50% will be charged
Withdrawal after ninth week -----	100% will be charged

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 Registrar of the College.

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

(3) Students who do not abide by the dormitory regulations or who show an unwillingness to co-operate with those in charge may be forced to leave the

dormitory without refund. College officials may at any time inspect the rooms in the various dormitories.

- (e) **CONDITIONS OF PAYMENT AND DELINQUENCY.** All students not entering for the first time, who fail to register by the first day of each semester 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.

- (f) 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 makes an effort to furnish financial aid to young men and women of good character who offer evidence of ability and interest in their high school or college work. Several scholarships covering full tuition are awarded to high school students of special ability and are given only after competitive examinations. Various scholarship and loan funds have been donated to the College to be administered for the aid of students under various circumstances and conditions. A full list of these is given below. There is also a series of awards in the nature of prizes for merit in various academic activities. These are likewise listed on the following pages. Furthermore, the College is eager at all times to aid in securing employment or professional place-

ment for any student or graduate. An office for this purpose is maintained by the institution under the direction of the Registrar, to whom applications for information should be sent.

SCHOLARSHIPS

In order to aid the needy and worthy students in securing an education, the College has the disposal of the annual income of the following funds:

1. The George E. Welshans Memorial Scholarship, \$1,000.
2. The Allegheny Branch Christian Endeavor Scholarship, \$1,000, available to students from Allegheny Conference.
3. The Southeast Ohio Branch Christian Endeavor Scholarship, \$1,000, available to students from Southeast Ohio Conference.
4. Class of 1914 Scholarship, \$1,500, available to students who have spent at least one year in Otterbein and who are members of one of the college classes.
5. The East Ohio Branch Christian Endeavor Scholarship, \$2,000, available to students from East Ohio Conference.
6. Rev. and Mrs. S. F. Daugherty Scholarship Fund, \$750.
7. The Sandusky Christian Endeavor Scholarship, \$878, available to students from Sandusky Conference.
8. The Overholser-Deets Scholarship, \$1,000, available to students from the foreign fields, or those who are planning for foreign service.
9. The Mr. and Mrs. J. S. Kendall Scholarship, \$1,000, available to students from East Ohio Conference.
10. The Erem John Healy Memorial Scholarship, \$1,700, available to ministerial or missionary students.
11. The Mr. and Mrs. S. Hohenshil Memorial Scholarship, \$1,500.
12. The Wagner Scholarship, \$620, available to students from Southeast Ohio Conference preparing for religious work.
13. The Harry R. Clippinger Memorial Scholarship, \$850.

14. The Charles W. Kurtz Memorial Scholarship, \$1,400, available to students from Miami Conference.
15. The Miami Conference Christian Endeavor Scholarship, \$1,000, available to students from Miami Conference.
16. The Rev. E. E. Harris Scholarship, \$627.50.
17. Class of 1918 Memorial Scholarship Fund, \$2,500.
18. The Richard A. Hitt Scholarship Fund, \$2,107.50, available to students from Southeast Ohio Conference.
19. Mr. and Mrs. Edward Goodrich Memorial Scholarship Fund, \$500, available to ministerial or missionary students.
20. Mr. and Mrs. C. Philip Knost Scholarship, \$200.
21. Van Gundy, Beck, and Van Gundy Scholarship, \$2,000.
22. Willey Memorial Church (Cincinnati) Scholarship, \$1,000.
23. Mr. and Mrs. W. F. Rudisill Scholarship, \$1,000.
24. Altoona First Church C. E. Scholarship Fund, \$5,000, available to ministerial or missionary students from this church.
25. The Arthur A. Moore Memorial Scholarship Fund, \$2,000, available to students from East Ohio Conference.
26. Johnstown Park Avenue U. B. Church Scholarship Fund, \$3,954.50, available to students who are members of that church.
27. Lake Odessa, Michigan, C. E. and S. S. Union Scholarship, \$200, available to students from Michigan Conference.
28. Mrs. Martha Soule Scholarship, \$1,000.
29. William Henry Otterbein Hubert Memorial Scholarship, \$500, gift of his mother, Mrs. Caroline Hubert, of the Johnstown, Pa., Park Avenue Church. Available first to students from that church.
30. The Resler Foundation, \$10,500, established by Mrs. Lillian Resler Harford and Professor Edwin D. Resler as a memorial to their parents, Jacob Bruner Resler and Emily Shupe Resler.

31. The Solomon Zartman Memorial Scholarship, \$1,000, established by his father, Lewis Zartman. Until the death of Lewis Zartman, proceeds will be paid back to him as an annuity.
32. The Mr. and Mrs. George A. Weaver Scholarship Fund, \$1,000. Available to children of missionaries or students preparing for the mission field.
33. The James H. Fennessey Memorial Scholarship Fund, \$5,500. Available to students from the Otterbein Home.
34. The Ephraim D. Hartman Scholarship, \$1,000. Available to members of own family or to students from the Otterbein Home.
35. Mr. and Mrs. D. M. Hollar Memorial Scholarship, \$1,000. Available to students preferably from the Virginia Conference.
36. The Alvesta S. Myers Scholarships. Two scholarships of \$2,500 each, the income to be awarded to students from Ashland County.
37. Joseph Hannibal Caulker Memorial Scholarship Fund, \$10,000. Gift of the Reverend Mr. Samuel R. Seese, class of 1900 and his wife, Anna Owen Seese, "the income to be used in aiding worthy students preparing for religious work, preferably missionary work in Africa."
38. Bishop John Dickson and Mary Jane Dickson Scholarship Fund, \$4,000.
39. Cleiorhetean-Philalethean Piano Practice Scholarship. Available to music students for use of practice piano. Established through gift of grand pianos given to the College by the Cleiorhetean and Philalethean Literary Societies.
40. Class of 1913, \$2,000.
41. Columbus-Westerville Otterbein Woman's Club Scholarship Fund, \$600. Available preferably to junior or senior girls of Westerville.

80,387.50

SPECIAL SCHOLARSHIP

THE PRESSER SCHOLARSHIP FOR MUSIC STUDENTS: The President of the College and the Director of the School of Music make the appointment for this scholarship solely by considerations of merit. The sum of \$250.00 is given to one candidate, or divided as thought best. An applicant for a scholarship must have completed a four-year high school course or its equivalent. Preference shall be given to those who expect to become teachers.

250.

LOAN FUNDS

THE EBERLY FUND: By will of Rev. Daniel Eberly, D.D., of Hanover, Pennsylvania, a fund of over five thousand dollars has been left, the income from which will be loaned without interest to worthy students.

THE CLEMENTS FUND: A fund of \$10,000, to be known as the Luella Fouts Clements Memorial Fund, has been established by Mr. F. O. Clements, '96. The income from this fund is available to worthy and needy students in the form of scholarships or loans.

THE ALBERT J. DEMOREST MEMORIAL FUND: In memory of their father, a loan fund, to be known as the Albert J. Demorest Memorial Fund, has been established by Professor and Mrs. Merrick A. Demorest, '21, '20. This fund is available to a worthy, high-grade student.

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

20,000

PRIZE SCHOLARSHIP

Pierre Frederic and Louise Marguerite Rosselot Scholarship, \$1,000. For 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.

1,000

PRIZES

RUSSELL PRIZE, DECLAMATION CONTEST—Three prizes, twenty-five, fifteen and ten dollars each, are offered to students who win the first three places in the annual declamation contest for underclassmen.

RUSSELL PRIZE, ORATORICAL CONTEST—Three prizes, twenty-five, fifteen and ten dollars each, are offered to students who win the first, second and third places in the annual oratorical contest for upperclassmen.

Rev. Howard H. Russell, D.D., founder and associate superintendent of the Anti-Saloon League of America, has 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 \$40, \$20, and \$10 each for the best stories on Good Citizenship. The sum of \$50 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.

WEAVER MATHEMATICS PRIZE—A prize of \$10 is awarded annually by Mr. and Mrs. James H. Weaver of Columbus, Ohio, to the student who distinguishes himself most in the Department of Mathematics.

THE LAWRENCE KEISTER CLASSICAL GREEK PRIZE FOUNDATION—Rev. Lawrence Keister, D.D., 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.

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

THE LAWRENCE KEISTER NEW TESTAMENT GREEK PRIZE FOUNDATION—The foundation for these prizes consists of \$500. In the fourth year course the major study will be New Testa-

ment Greek. To pupils in this course prizes of fifteen, ten and five dollars shall be made in order of class rank. These awards shall be made in chapel about June 1 of each year. The winners shall also 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.

QUIZ AND QUILL FOUNDATION, \$1,300—This fund was established by members of the Club to promote the *Quiz and Quill* magazine, to provide prizes for the annual contest promoted by the Club, and to further the interests of creative writing on the campus. Prizes of \$10, \$5 and \$3 are awarded by the Quiz and Quill Club for the best English essay or poem written by either a freshman or a sophomore.

THE ROY BURKHART PRIZES IN CREATIVE WRITING—Mr. Burkhardt, class of 1927, offers each year prizes for various types of creative writing. This year he is offering \$35 in prizes for the best poetry and \$35 for the best short essays.

WEINLAND CHEMISTRY PRIZE—Two prizes of ten dollars each are offered annually to freshman students who rank highest in the courses in General Chemistry. These awards were first made by Dr. L. A. Weinland and are continued in his name.

453.

THE COLLEGE OF ARTS AND SCIENCES

REQUIREMENTS FOR ADMISSION AND ADVANCED STANDING

Graduates of first-grade high schools who rank in the upper two-thirds of their classes are admitted to freshman standing upon presentation of a certificate of graduation. Only a limited number of students ranking in the lowest third of the class will be admitted. Such applications must be in the hands of the Committee on Admissions by August 20. If such a candidate is admitted, he will be placed on probation and must carry at least twelve hours and earn a 1.5 ratio the first semester or withdraw at the end of the semester.

Fifteen units of work are required for admission to the College. Four one-hour recitations a week, or five recitations of forty-five minutes a week throughout the school year of thirty-six weeks, constitute a unit of work for requirements of admission.

The units presented for entrance should include the following:

English	3 units
*Foreign Language	2 units
History and Civics	2 units
Mathematics (including one unit of algebra)	2 units
Science	2 units
Electives	2 units

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 may be allowed entrance to the Freshman class but will be required to make up the deficiency on the basis of one college unit for two high school units. This must be made up by the close of the sophomore year.

* See the language requirement for graduation on page 43.

Students will not be enrolled unless their entrance certificates or certificates of transfer from other institutions with letters of honorable dismissal, are in the hands of the Registrar. These should be sent early in the summer. An unmounted photograph must also be submitted with every application.

Students are required to register in person with the Registrar and make all necessary arrangements for studies not later than the first day of each semester. Those entering as freshmen are required to be present during the Freshman Period prior to the beginning of the regular college activities.

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

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.

REQUIREMENTS FOR GRADUATION

The degrees of Bachelor of Arts (B.A.), Bachelor of Science (B.S.), and Bachelor of Fine Arts (B.F.A.) are those which the College of Arts and Sciences confers upon its graduates. The degrees of Bachelor of Music (B.Mus.) and Bachelor of Music Education (B.Mus.Ed.) are conferred by

the Department of Music—according to the specifications stated in that portion of the catalog. A minimum of 124 semester hours is required for graduation. 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.

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 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.

The normal load for a student is fifteen to seventeen hours. The Dean's permission is required for taking any number of hours in excess of seventeen. A student who has earned less than a 1.5 ratio in the preceding semester will be placed on probation. A student on probation will be required to reduce his academic load and the number of hours carried must receive the sanction of the Dean. If the student remains on probation for two successive semesters he will be required to withdraw from the College.

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 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 postpone-

ment. 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 Dean 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.

Work for which the student has once registered cannot be discontinued except by permission of the Dean and faculty adviser. Courses discontinued later than six 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 good reasons. Courses may not be added without the permission of the Dean and the instructor concerned after the first two weeks of the semester, and then, only by permission of the Dean and the faculty adviser.

C, as an average grade, means that, over a period of years, it will be given to about 50% of the students. About 20% of the students will receive B grades and about 5% A grades. On the same basis, 20% will receive D grades, and 5% F grades.

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

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 two hundred and forty-eight quality points.

DISTRIBUTION REQUIREMENTS

The College requires that these credit hours shall be earned in specified types of courses in order to guarantee that the student become acquainted with a variety of subject matter and different scientific methods. The minimum

OTTERBEIN COLLEGE

requirements which the College specifies for the degrees of Bachelor of Arts and Bachelor of Science are set forth in the following table, with the qualifications noted below it:

✓ English Composition	6 semester hours
✓ Literature, Speech and Fine Arts	6 semester hours
✓ Foreign Language	6 semester hours
Bible	6 semester hours
✓ Science	6 semester hours
Social Studies	6 semester hours
✓ Orientation	1 semester hour
✓ Physical Education	4 semester hours

✓ English Composition ----- 6 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 making a score in the placement test equal to the standard of proficiency required. But, the average student will need one year of college work in English to attain this standard. Students receiving a D grade in English 101 or 102 will be given special help in the English laboratory to prepare them to pass the proficiency test. Work completed in class receives college credit; proficiency demonstrated by examination receives no college credit, but secures release from the requirements of six hours of English composition. Six hours of English composition, elementary or advanced, must be completed to qualify for a teacher's certificate in English.

✓ Literature, Speech and Fine Arts ----- 6 hours

This requirement may be met by completing six hours: in courses in English or American literature, or in World literature or in Advanced Speech, or in courses in Music and Fine Arts acceptable to the respective departments. Students majoring in Literature shall select courses in Music or Art and students majoring in Music or Art shall select courses in English, American or World Literature. These selections must be made on the specific recommendation and approval of the advisor.

✓ *Foreign Language* ----- 6 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 year college 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.*

✓ *Bible* ----- 6 hours

✓ *Science* ----- 6 hours

This requirement may be met by pursuing any year course in the physical or biological sciences or the course in "Natural Science." "Natural Science" is recommended for students majoring in fields other than science. Those entering with less than two years of science in high school shall be required to take one and one half years of science in college.

✓ *Social Studies* ----- 6 hours

This requirement may be met by pursuing courses in history, sociology, economics, political science, or the course in "Survey of Civilization." "Survey of Civilization" is recommended for students majoring in fields other than social studies.

Orientation ----- 1 hour

* Students who have had two years in any one language in high school, may be 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.

Physical Education ----- 4 hours

Ordinarily these requirements are fulfilled largely in the first two years. For the convenience of those registering for the first time, the following tabulation of the work which is usually required in the Freshman year has been made:

First Semester	Hours	Second Semester	Hours
English Composition -----	3	English Composition -----	3
Physical Education -----	1	Physical Education -----	1
Orientation -----	1		
Courses from the following:		Courses from the following:	
Foreign Language, Science,		Foreign Language, Science,	
Mathematics, History,		Mathematics, History,	
Speech -----	9-12	Speech -----	9-12
	14-17		13-16

The College also makes an effort to develop fully the intellectual capacity of the student by requiring more intense and advanced study in at least two subjects. Therefore the system of major and minor fields of study has been established. A major consists of not less than twenty-four semester hours in one subject or department. A minor consists of fifteen semester hours in a subject or department other than that in which the major is taken. One major and one minor must be completed for graduation. A student may take a major in the general field of the Social Sciences by combining certain courses in History, Economics, Political Science, and Sociology, with the consent of the chairman of each department concerned.

The fulfillment of the above requirements in the distribution of studies, with a major field of study chosen from any of the College departments, will entitle the student to the degree of Bachelor of Arts. Those whose major field of study is in the Department of Biology, Chemistry, Mathematics, or Physics, may receive the degree of Bachelor of Science. Applicants for the Bachelor of Science Degree must include 6 hours of Mathematics in their course.

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. However, provision is made whereby a student who has made an average grade of B in his studies may transfer at the end of his third year at Otterbein (106 semester hours) to a professional school of any institution whose offerings are acceptable to the Association of American Universities. At the close of his first year at the professional school, if he has made a satisfactory record, he may receive the A.B. or B.S. degree from Otterbein.

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 both semesters of any one year entitles a student to be listed as an honor student. The list will be published each year in the college catalog. The degrees are granted with three grades of distinction: with honors, with high honors, with highest honors. Those who have attained a quality point average of 3.3 for the entire course of study are graduated with honors: *cum laude*. Those who have attained a quality point average of 3.6 for the entire course of study are graduated with high honors: *magna cum laude*. The degree with highest honors, *summa cum laude*, is awarded only upon special vote of the faculty.

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

PRE-PROFESSIONAL COURSES

The College offers complete and thorough preparation to those who wish to pursue their studies further, after graduation, in the universities which train for law, medicine, dentistry, engineering, business, theology, social service, or public administration. The College is on the approved list of the Association of American Universities, which indicates that its program of such training is acceptable to the best

institutions in the United States. For the convenience of students who wish to arrange their courses of study intelligently for such preparation, the following suggestions are offered. Requirements vary in different professional schools, hence these are merely suggestive and quite flexible.

COURSE OF STUDY IN PREPARATION FOR MEDICINE OR 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.

While the requirements for admission to different medical schools are similar, there are some differences which should be taken into account in arranging a schedule since a student may in the end wish to enter a school other than that for which he first planned. A similar situation exists also in relation to schools in allied fields as in Dentistry, Medical Technology, Nurse's Training, etc. In order that a student may secure adequate preparation for the school he wishes to enter it is suggested that his schedule of courses be arranged under the direction of the adviser.

COURSE OF STUDY IN PREPARATION FOR THEOLOGY

Theological seminaries of standard rank generally require their students admitted to be graduates of a recognized college. The particular fields in which they prefer undergraduate work to be done differ, but basic courses in history, sociology, psychology, philosophy and English literature, and a year of natural science are usually recommended. In addi-

tion to these, many schools list as desirable Greek and German.

Otterbein College provides courses that will meet the recommended college work suggested by any standard theological seminary. Students should confer with the members of the Department of Religion concerning the selection of courses for entrance into any particular school.

COURSE OF STUDY IN PREPARATION FOR LAW

The schools of law do not usually prescribe any particular requirements for entrance as do those which prepare for medicine or dentistry. It is well, however, for a student to be able to handle easily the Latin terminology which has developed in the law, and that subject is highly recommended. A knowledge of English history is almost indispensable to an understanding of the development of the law of England, which was transported to America. Also, at least one advanced course in a legal subject of some sort in college is advisable in order to acquaint the student with the type of work which he will confront subsequently.

Since the profession of the lawyer deals largely with the affairs of people, particularly their business interests, it is urged that the pre-law student take as much work in the field of the social sciences and business administration as his schedule will permit, selecting his major subject from the two fields.

COURSES OF STUDY IN PREPARATION FOR ENGINEERING

Some students may desire to take one or two years at Otterbein and then transfer to an engineering school. Some may desire to complete a Liberal Arts course at Otterbein before taking the engineering course. In consultation with the adviser a proper course may be mapped out to take care of the individual case. Mathematics 121 and 122 followed by 211 and 212 should be taken if one expects to transfer his credits to an engineering school. Further than this it is suggested that a student choose basic courses in Chemistry, Physics and Mechanical Drawing.

COURSE OF STUDY IN PREPARATION FOR SOCIAL SERVICE

The fields of social service and social administration offer increasing opportunities with greater diversity in types of work each year. Trained leadership in this field is becoming more highly selective. Professional schools for social work are making greater demands for high quality men and women from undergraduate colleges.

The courses we are offering in Sociology and the other Social Sciences provide the minimum requirements for entrance into professional graduate schools of social work. Several of these courses including Psychology and particularly the course in Introduction to Social Work serve as an orientation to the various types of social work usually thought of as Social Case Work, Group Work, and Community Organization. Taking these courses a student is introduced to the total field of social service and is enabled to sense his aptitudes, possible skills and general fitness for social work as a profession.

COURSE OF STUDY IN PREPARATION FOR BUSINESS ADMINISTRATION

Business administration has now become an accurate science for which intensive training is necessary. It has been called the newest of the professions. The College is prepared to offer such training, either for those who wish to go directly into business or those who wish to enter a school for graduate study of that sort.

The department itself calls attention to the general fields of business interest. By taking the courses the student will acquire the basis for later, more specialized training and will have been introduced to all of the areas of business thought so as to have a broad background for his specialization.

Business must deal with people and the student is urged to combine with the courses in business related work in the social sciences and psychology and logic.

COURSES OF INSTRUCTION

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

In case the same course is offered either semester or both semesters, the word "or" separates the 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 mid-years and may permit credit to be secured for either semester of the year's work separately.

The courses in the "100" group are elementary and ordinarily are for those in the lower college classes; the courses in the "200" group are intermediate and ordinarily are designed for those who have had previous work in that subject; the courses in the "300" group are advanced in the treatment of the subject and are designed usually for those who are doing major or minor work in that subject. Each department, however, has its own requirements concerning entrance into any course of study.

ASTRONOMY

PROFESSOR McCLOY

102. DESCRIPTIVE ASTRONOMY. This course is introductory and non-mathematical.

9:30, M., W., F.

3 hours

103-104. OBSERVATIONAL ASTRONOMY. Prerequisite: Trigonometry. Two to four hours a week devoted to the taking of measurements and their reduction.

Hours to be arranged.

1-2 hours

OTTERBEIN COLLEGE

BIOLOGY

PROFESSOR SCHEAR, *Chairman*

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 head of the department. Geology is offered as a part of a thirty-two hour major, but will not be accepted as a part of a twenty-four hour major in biology.

The laboratory fee for all courses in Biology is \$5.00 per semester except as noted in the description of the courses. In addition to this fee, each registrant is required to make a deposit of \$5.00 for the course. Apparatus injured or lost is charged against the deposit and the balance refunded.

101-102. GENERAL BOTANY. 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. Mr. Botts.
10:30, M., W.; Laboratory T., 1-4. 8 hours
Field work F. afternoons.

103-104. GENERAL ZOOLOGY. 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. Mr. Hanawalt.
9:30, M., W., or T., Th., Laboratory, T., Th., 1-3 8 hours

107. ENTOMOLOGY. A general study of insect life, the insect being studied in its natural environment as much as possible. Instruction is given in the collection and preservation of insects, insecticides and their application, life histories, natural enemies, winter condition of insects and its significance. One lecture, one quiz and two to three laboratory hours a week. Laboratory fee \$2.00. Mr. Hanawalt.
Not offered in 1941-1942.
8:30, T., Th., S. 3 hours

108. ORNITHOLOGY. 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. No deposit. Laboratory fee \$2.00. Mr. Hanawalt.

Not offered in 1941-1942.

8:30, T., Th., S.

3 hours

201. COMPARATIVE VERTEBRATE ANATOMY. 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. Prerequisite: Biology 103-104. Mr. Hanawalt.

8:30, T.; Laboratory, 1-4, T., Th.

3 hours

202. MAMMALIAN ANATOMY. Mammalian anatomy based chiefly upon the cat. Prerequisite: Biology 201. Mr. Hanawalt.

8:30, T.; Laboratory, 1-4, T., Th.

3 hours

207. GENERAL EMBRYOLOGY. 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 standpoint of general biological relations. Two lectures and four laboratory hours each week. Prerequisite: Biology 103-104. Mr. Botts.

7:30, T., Th.; Laboratory, M., W., 1-3

4 hours

208. HISTOLOGY AND ORGANOLOGY. The course includes a study of histological technique, histogenesis and microscopic structure of the tissues and organs of the vertebrate body. Emphasis is laid on the relation of structure to function. One lecture, or quiz, and four laboratory hours each week. Prerequisite: Biology 103-104. Mr. Botts.

7:30, T., Th.; Laboratory, M., W., afternoons.

4 hours

216. GENETICS. A study of the general principles of heredity. Types are chosen from both plant and animal mater-

ial. Hereditary characters found in man are given much consideration. Prerequisite: one year of biology. Laboratory fee \$2.00. Mr. Schear.

8:30, T., Th., S.; Laboratory, Th., 1-4

3 or 4 hours

232. **TERMINOLOGY.** 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. Mr. Hanawalt.

9:30, F.

1 hour

305. **GENERAL BACTERIOLOGY.** 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. Mr. Botts.

8:30, T., Th.; Laboratory 1-4, T., Th.

4 hours

306. **ADVANCED BACTERIOLOGY.** 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. Mr. Botts.

8:30, T., Th.; Laboratory 1-4, T., Th.

4 hours

321-322. **HUMAN PHYSIOLOGY.** 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. Mr. Schear.

10:30, T., Th.; Laboratory, 1-4, W.

6 hours

349. SPECIAL METHODS. 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. Mr. Schear.

8:30, F., S.

2 hours

391 or 392. ADVANCED PROBLEMS AND BIBLIOGRAPHY.

Hours to be arranged.

Credit to be arranged

CHEMISTRY

PROFESSOR MICHAEL, *Chairman*

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.

101-102. GENERAL CHEMISTRY. A thorough course in the fundamentals of chemistry laying the foundation for the future work of those students 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 this course. Two or three recitations and two afternoons in laboratory each week. Laboratory fee \$7.50 per semester. Deposit \$5.00. Mr. Michael and Mr. Esselstyn.

Three Sections: 10:30, M., W., F., for those students presenting high school chemistry for entrance and requiring 10 hours of chemistry.

10:30, T., Th., for students presenting high school chemistry for entrance and requiring 8 hours of chemistry.

9:30, T., Th., for students presenting no high school chemistry for entrance. Not open to Juniors or Seniors. 8 or 10 hours

201-202. QUANTITATIVE ANALYSIS. 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. Nine to twelve hours in laboratory and one lecture a week. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Michael.

8:30, T.

8 hours

203-204. ORGANIC CHEMISTRY. 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. Fee, \$7.50 per semester. Deposit \$10.00. Mr. Esselstyn.

7:30, M., W., F.

10 hours

205. ORGANIC CHEMISTRY FOR HOME ECONOMICS STUDENTS. A short course in the fundamentals of organic chemistry. Three lectures and one laboratory period. Prerequisite: Chemistry 101-102. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Esselstyn.

7:30, T., Th., S.

4 hours

206. PHYSIOLOGICAL CHEMISTRY FOR HOME ECONOMICS STUDENTS. A brief course in fundamentals. Three lectures and one laboratory period. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Esselstyn.

7:30, T., Th.

4 hours

207-208. ADVANCED INORGANIC CHEMISTRY. An advanced course with emphasis on typical classes of inorganic compounds. Prerequisite: Chemistry 101-102. Mr. Michael.

9:30, T., Th.

4 hours

209-210. INORGANIC PREPARATIONS. 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. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Esselstyn.

Hours to be arranged.

4 hours

211. CHEMICAL CALCULATIONS. 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. Mr. Michael.

Hours to be arranged.

2 hours

301-302. PHYSICAL CHEMISTRY. An introductory course in physical chemistry. The physical properties of gases, liquids, and solids and the relation of these properties to molecular constitution, conductivity, radio activity, etc. Students not presenting a major in chemistry may register for the lecture work only. Prerequisite: Chemistry 201-202 and 203-204 or 203-204 may be taken collaterally. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Michael.

9:30, M., W., F.

10 hours

303. ORGANIC QUALITATIVE ANALYSIS. The separation and identification of organic compounds. Prerequisite: Chemistry 203-204. (May be elected only with the permission of the instructor.) Fee, \$7.50 per semester. Deposit \$5.00. Mr. Esselstyn.

Hours to be arranged.

2 hours

304. ORGANIC QUANTITATIVE ANALYSIS. Standard methods for the estimation of carbon, hydrogen, nitrogen, sulfur and the halogens in organic compounds. Prerequisites: Chemistry 201-202 and 203-204. Fee, \$7.50 per semester. Deposit \$5.00. Mr. Esselstyn.

Hours to be arranged.

2 hours

305. METHODS IN TEACHING CHEMISTRY. This course is designed to supplement the work of the Department of Education by presenting problems peculiar to the teaching of chemistry. Mr. Michael.

Hours to be arranged.

2 hours

306. COLLOIDS. A lecture course on the fundamental concepts and problems involved in the chemistry of the colloidal state. Designed primarily for students who expect to teach high school chemistry and for those whose subsequent work

OTTERBEIN COLLEGE

will include physiological chemistry. Prerequisites: Chemistry 201-202 and 203-204.

Hours to be arranged.

2 hours

307-308. MINOR PROBLEMS IN CHEMICAL RESEARCH. 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. Mr. Michael and Mr. Esselstyn.

Conference, library and laboratory work.

2 or more hours

391 or 392. ADVANCED PROBLEMS AND BIBLIOGRAPHY.

Hours to be arranged.

Credit to be arranged

CLASSICS

PROFESSOR McCracken

A major consists of twenty-four hours and a minor of fifteen hours, and either may be completed by courses entirely in Greek, or entirely in Latin, or by a combination of both. Prospective teachers of high school Latin should take at least fifteen hours in Latin alone, in addition to two years of high school Latin. Not more than six hours of courses not involving the use of the languages may count on a major or minor.

Language Courses

Greek

101-102. ELEMENTARY GREEK. Inflections, syntax and selected readings.
8:30, M., W., F.

6 hours

201. HOMER. Selected books of the Iliad and Odyssey.
10:30, M., W., F.

3 hours

202. TRAGEDY. Selected plays.
10:30, M., W., F.

3 hours

301. PLATO. The Apology and Crito with a discussion of Platonism.

3 hours

Hours to be arranged.

302. NEW TESTAMENT. Readings based on the needs of the class. This may count on either a major or minor in the Department of Religion.

Hours to be arranged.

3 hours

303-304. ADVANCED GREEK. Readings chosen in view of the needs of the class. Given only upon sufficient demand.

Hours to be arranged.

6 hours

Latin

103-104. ELEMENTARY LATIN. Inflections, syntax and selected readings.

10:30, T., Th., S.

6 hours

203-204. INTERMEDIATE LATIN. Prerequisite: Classics 103-104 or two years of high school Latin.

Hours to be arranged.

6 hours

305-306. ADVANCED LATIN. Readings will be chosen from the following: a-b. Survey of Latin literature (two terms); c. Horace's odes; d. Roman satire; e. Tacitus' Annals; f. Roman comedy; g. Livy's Roman history; h. Other material.

8:30, T., Th., S.

6 hours

Courses Not Involving the Use of the Languages

211-212. ANCIENT HISTORY. A survey of the civilizations of the ancient world with particular emphasis upon those of Greece and Rome. This course is also listed as History 211-212 and may be counted in the Department of History.

Not offered in 1941-1942.

9:30, T., Th., S.

6 hours

213-214. GRAECO-ROMAN CLASSICS IN TRANSLATION. Survey of the literature in English.

9:30, T., Th., S.

6 hours

308. LATIN METHODS. The problems and materials for