

DENISON UNIVERSITY BULLETIN

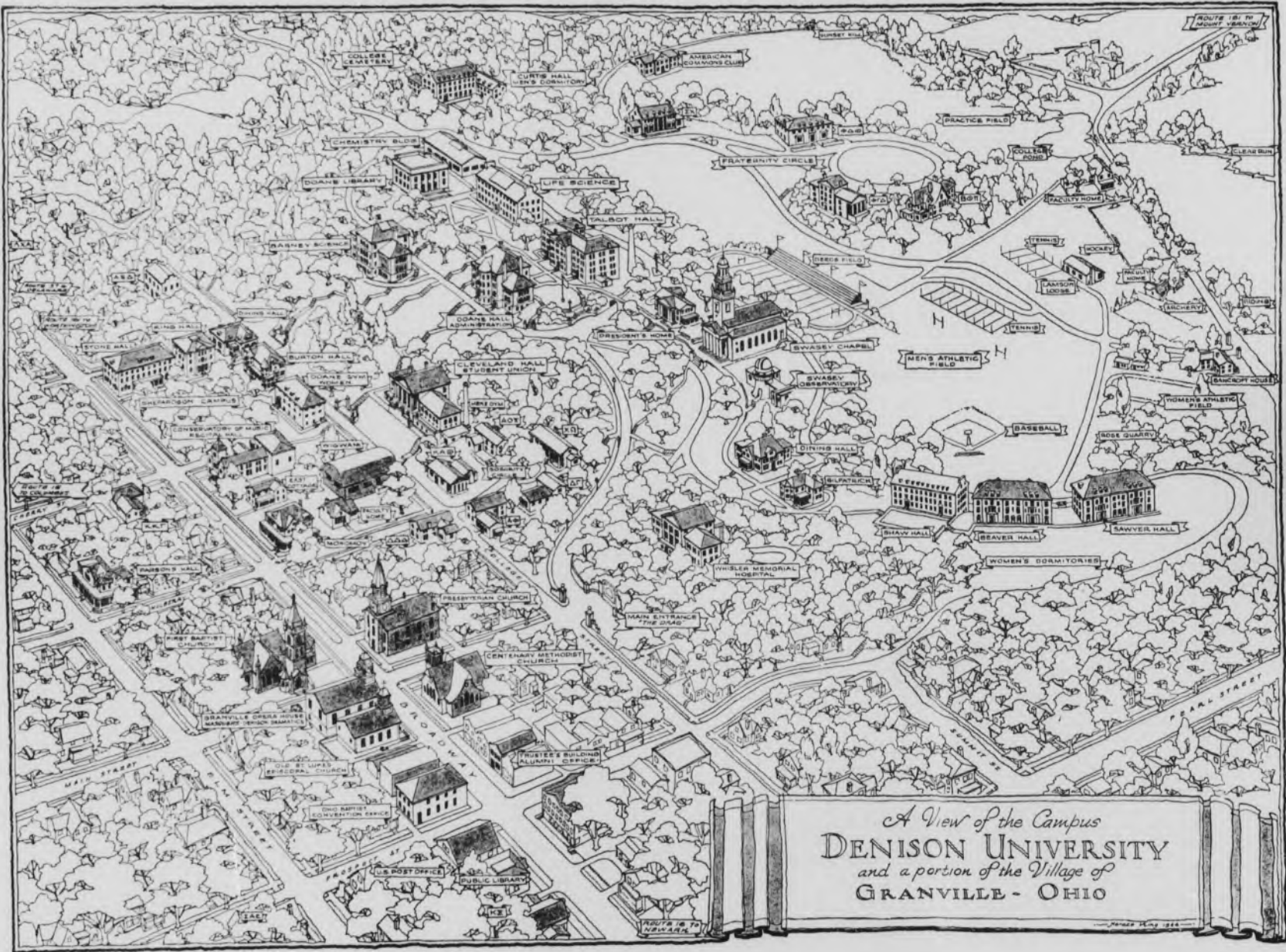
CATALOG NUMBER

1948-49

ANNOUNCEMENTS

FOR 1949-50





A View of the Campus
DENISON UNIVERSITY
 and a portion of the Village of
GRANVILLE - OHIO



VOLUME XLIX, No. 1

JANUARY, 1949

BULLETIN OF
DENISON UNIVERSITY

GRANVILLE, OHIO

A College of Liberal Arts
and Sciences

FOUNDED 1831



CATALOG NUMBER 1948-1949

The Denison University Bulletin is published bi-monthly and entered as second class mail matter at the Post Office at Granville, Ohio, under Act of August 24, 1912.

TEN OBJECTIVES OF DENISON

Denison University is a Christian college in the sense that all its instruction is motivated by Christian principles. There is no attempt to force religion into a particular denominational expression and all the advantages of the institution are offered to every student without discrimination.

Denison University is a college of liberal arts and sciences in which the development of the individual takes precedence over all other aims. Consequently the University attempts to aid the student to achieve:

1. An ability to think honestly, clearly and constructively;
2. A facility in the oral and written use of English, and some familiarity with the treasures of literature;
3. An understanding of the meaning and methods of the main branches of learning;
4. A sufficient concentration in one or two fields of learning so that he may be prepared more adequately for his life work;
5. An interest in the excellent management of his mind and body so that they may become contributing factors in the furtherance of his life aims;
6. An acquaintanceship with all peoples, past and present, thus developing a cosmopolitan attitude of mind;
7. A social outlook and way of living that will lead to mutually satisfying and helpful relations with others;
8. An appreciation of beauty as expressed in nature and the arts;
9. A determination to use his knowledge for human welfare; and
10. A personality developed around Christian principles and ideals.

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CALENDAR

1948	1949
JULY	JANUARY
S M T W T F S	S M T W T F S
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4 5 6 7 8 9 10	2 3 4 5 6 7 8
11 12 13 14 15 16 17	9 10 11 12 13 14 15
18 19 20 21 22 23 24	16 17 18 19 20 21 22
25 26 27 28 29 30 31	23 24 25 26 27 28 29
30 31	30 31
AUGUST	FEBRUARY
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8 9 10 11 12 13 14	6 7 8 9 10 11 12
15 16 17 18 19 20 21	13 14 15 16 17 18 19
22 23 24 25 26 27 28	20 21 22 23 24 25 26
29 30 31	27 28
SEPTEMBER	MARCH
S M T W T F S	S M T W T F S
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19 20 21 22 23 24 25	20 21 22 23 24 25 26
26 27 28 29 30 -- --	27 28 29 30 31 -- --
OCTOBER	APRIL
S M T W T F S	S M T W T F S
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10 11 12 13 14 15 16	10 11 12 13 14 15 16
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31	31
NOVEMBER	MAY
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7 8 9 10 11 12 13	8 9 10 11 12 13 14
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DECEMBER	JUNE
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1948

FIRST SEMESTER

- Freshman Days, Thursday-Monday, September 16-20
- Registration Day, Tuesday, September 21
- Classes begin, Wednesday, September 22
- Thanksgiving Vacation begins, Tuesday, November 23, noon
- Thanksgiving Vacation ends, Monday, November 29, 8 a.m.
- Christmas Vacation begins, Friday, December 17, noon

1949

- Christmas Vacation ends, Monday, January 3, 8 a.m.
- Comprehensive Examination Reading Period, Saturday-Friday, January 8-14
- Comprehensive Examinations for graduating seniors, Saturday-Tuesday, January 15-18
- Study Day (no classes or examinations), Wednesday, January 19
- Final Examinations, Thursday-Saturday, January 20-29
- First Semester ends, Saturday, January 29, 5 p.m.

SECOND SEMESTER

- Registration Day, Wednesday, February 2
- Classes begin, Thursday, February 3
- Spring Vacation begins, Friday, March 25, noon
- Spring Vacation ends, Monday, April 4, 8 a.m.
- Good Friday (no afternoon classes), April 15
- Comprehensive Examination Reading Period, Thursday-Wednesday, May 12-18
- Comprehensive Examination for graduating seniors, Thursday-Saturday, May 19-21
- Study Day (no classes), Tuesday, May 24
- Memorial Day, Monday, May 30
- Final Examinations, Wednesday-Thursday, May 25-June 2
- Commencement, Monday, June 6

CALENDAR

1949

FIRST SEMESTER

- Freshman Days, Saturday-Sunday,
September 10-15
- Registration Day, Wednesday,
September 14
- Classes begin, Thursday, September 15
- Thanksgiving Vacation begins,
Wednesday, November 23, noon
- Thanksgiving Vacation ends, Monday,
November 28, 8 a.m.
- Christmas Vacation begins, Tuesday,
December 20, noon
- 1950
- Christmas Vacation ends, Tuesday,
January 3, 8 a.m.
- Comprehensive Examination Reading
Period, Saturday-Friday, January 7-13
- Comprehensive Examinations for
graduating seniors, Saturday-Tuesday,
January 14-17
- Regular classes end, Tuesday, January
17, 6 p.m.
- Study Day (no classes), Wednesday,
January 18
- Final Examinations, Thursday-Saturday,
January 19-25
- First Semester ends, Saturday, January
28, 5 p.m.

SECOND SEMESTER

- Registration Day, Wednesday,
February 1
- Classes begin, Thursday, February 2
- Spring Vacation begins, Friday, March
31, noon
- Spring Vacation ends, Tuesday, April
11, 8 a.m.
- Comprehensive Examination Reading
Period, Thursday-Wednesday, May
18-24
- Comprehensive Examinations, Thursday-
Saturday, May 25-27
- Regular classes end, Friday, May 26,
6 p.m.
- Final Examinations, Monday-Thursday,
May 29-June 8
- Commencement, Monday, June 12

1949	1950
JULY	JANUARY
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17 18 19 20 21 22 23	22 23 24 25 26 27 28
24 25 26 27 28 28 30	29 30 31 -- -- -- --
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AUGUST	FEBRUARY
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21 22 23 24 25 26 27	19 20 21 22 23 24 25
28 29 30 31 -- -- --	26 27 28 -- -- -- --
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SEPTEMBER	MARCH
S M T W T F S	S M T W T F S
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4 5 6 7 8 9 10	5 6 7 8 9 10 11
11 12 13 14 15 16 17	12 13 14 15 16 17 18
18 19 20 21 22 23 24	19 20 21 22 23 24 25
25 26 27 28 29 30 --	26 27 28 29 30 31 --
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OCTOBER	APRIL
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23 24 25 26 27 28 29	23 24 25 26 27 28 29
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NOVEMBER	MAY
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20 21 22 23 24 25 26	21 22 23 24 25 26 27
27 28 29 30 -- -- --	28 29 30 31 -- -- --
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DECEMBER	JUNE
S M T W T F S	S M T W T F S
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11 12 13 14 15 16 17	11 12 13 14 15 16 17
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25 26 27 28 29 30 31	25 26 27 28 29 30 --
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BOARD OF TRUSTEES

OFFICERS OF THE BOARD

FRANKLIN G. SMITH, LL.D., *Honorary Chairman*

G. HERBERT SHORNEY, B.S., *Chairman*

HOWARD LEWIS, A.B., LL.B., *First Vice-Chairman*

GEORGE M. ROUDEBUSH, Ph.B., LL.B., *Second Vice-Chairman*

BURT T. HODGES, B.S., M.A., *Secretary and Treasurer*

MEMBERS

Ex-Officio

PRESIDENT KENNETH I. BROWN, Ph.D., LL.D.

CLASS I — TERM EXPIRES JUNE, 1949

- *FRANK B. AMOS, A.B. The Jeffersonian Company, Cambridge, Ohio
- *M. FOREST ASHBROOK, Ph.B., B.D., D.D. (Elected by Alumni)
12 Roxbury Road, Scarsdale, New York
- EARL J. BUSH 1143 Lathrop Avenue, River Forest, Illinois
- *CHARLES W. DEEDS, B.S., M.B.A. 750 Main Street, Hartford, Conn.
- CYRUS S. EATON, M.A. 2000 Terminal Tower, Cleveland 13, Ohio
- *WILLIAM P. HUFFMAN, B.S. Box 883, Dayton, Ohio
- CHARLES GLEN KING, B.S., Ph.D.
The Nutrition Foundation, Inc., Chrysler Building,
New York 17, New York
- *HOWARD LEWIS, A.B., LL.B. 1633 Nicholas Building, Toledo 4, Ohio
- *GEORGE C. MCCONNAUGHEY, Ph.B., LL.B. (Elected by Alumni)
2716 Redding Road, Columbus, Ohio
- FRANKLIN G. SMITH, LL.D. 5401 Hamilton Avenue, Cleveland 14, Ohio
- FRANK FLAGG TAYLOR
Continental Illinois National Bank and Trust Company,
231 South LaSalle Street, Chicago, Illinois
- *FORD R. WEBER, B.S. 237 Spitzer Building, Toledo 4, Ohio

CLASS II — TERM EXPIRES JUNE, 1950

- *GERALD B. ATHEY, B.S. (Elected by Alumni)
3347 North Lake Drive, Milwaukee 11, Wis.
- JOHN W. BRICKER, A.B., LL.B., LL.D., Jur.D.
Senate Office Building, Washington, D. C.

*Alumnus of Denison University

- EDMUND G. BURKE 153 Pierrepont Street, Brooklyn 2, New York
- *LORENA WOODROW BURKE (Mrs. Charles F.), Ph.B.
375 Riverside Drive, New York, New York
- *ALFRED M. COLBY, Ph.B. 781 Woodland Road, Mansfield, Ohio
- FREDERICK C. CRAWFORD, A.B., M.C.E., D.Eng., LL.D.
2196 Clarkwood Road, Cleveland 3, Ohio
- *EDWARD A. DEEDS, B.S., D.Eng.
20 Exchange Place, New York, New York
- *W. FORREST LOVELESS, B.S. (Elected by Alumni)
1487 Guilford Road, Columbus 8, Ohio
- *GEORGE M. ROUDEBUSH, Ph.B., LL.B.
915 Williamson Building, Cleveland 14, Ohio
- *G. HERBERT SHORNEY, B.S. 5707 West Lake Street, Chicago 44, Ill.
- *PERCY L. WILTSEE, A.B. 3547 Raymar Drive, Cincinnati 8, Ohio
- *JOHN E. F. WOOD, A.B., LL.B., B.A. in Jurisp.
31 Nassau Street, New York, New York

CLASS III — TERM EXPIRES JUNE, 1951

- *ERNEST C. BRELSFORD, B.S. (Elected by Alumni)
2683 Ashley Road, Shaker Heights, Ohio
- WILLIAM R. BURWELL, A.B., A.M., Ph.D.
3311 Perkins Avenue, Cleveland 14, Ohio
- *EUGENE EXMAN, Ph.B., A.M., (Elected by Alumni)
Harper and Brothers, 49 East 33rd Street, New York 16, New York
- *WALTER L. FLOBY, B.Litt., LL.B.
1122 Guardian Building, Cleveland 14, Ohio
- LEONA D. HENDERSON (Mrs. Warren J.)
22239 Shaker Boulevard, Cleveland 22, Ohio
- *ALICE MCCANN JAMES (Mrs. H. A.), A.B.
Box 703, Route 8, Courville Road, Toledo 12, Ohio
- *MERRILL R. MONTGOMERY, B.S. 130 North Cedar Street, Newark, Ohio
- *C. EARL RICHARDS, Ph.B., S.B.
400 South Front Street, Columbus, Ohio
- CHARLES LYON SEASHOLES, A.B., B.D., D.D.
First Baptist Church, Dayton 2, Ohio
- *HENRY S. STOUT, B.S. 25 North Main Street, Dayton 2, Ohio
- *DEXTER J. TIGHT, B.S. 301 Mission Street, San Francisco, Calif.
- LEROEY A. WILSON, B.S., D.Eng. 195 Broadway, New York, New York

TRUSTEES EMERITI

LEWIS R. ZOLLARS Route 1, Hills and Dales, Canton, Ohio

*Alumnus of Denison University

FACULTY OF THE COLLEGE

1948-49

KENNETH IRVING BROWN, *President*
AVERY ALBERT SHAW, *President Emeritus*
CYRIL FULLER RICHARDS, *Dean of the College*

(Arranged in order of seniority within each rank)

PROFESSORS

WILLIS A. CHAMBERLIN
(*Emeritus*)

FORBES B. WILEY

THOMAS A. LEWIS (*Emeritus*)

WILLIAM CLARENCE EBAUGH
(*Emeritus*)

WALTER J. LIVINGSTON

KARL H. ESCHMAN

FREDERICK G. DETWEILER

LINDLEY RICHARD DEAN

ARTHUR WARD LINDSEY

FRANK JAMES WRIGHT

JOSEPH LEONARD KING

FREDERICK W. STEWART

HELEN A. BARR

E. BASIL HAWES

LEON E. SMITH

HAROLD H. TITUS

LIONEL G. CROCKER

WILLIAM T. UTTER

LELAND J. GORDON

ESTHER F. VREELAND

CONRAD E. RONNEBERG

EDWARD A. WRIGHT

HORACE KING

CARL A. NISSEN

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ERI J. SHUMAKER

W. ALFRED EVERHART

EDSON C. RUFF

GEORGE D. MORGAN

CHOSABURO KATO

SIDNEY JENKINS

BRAYTON STARK

W. ALVIN PITCHER

DANNER LEE MAHOOD

MAYLON H. HEPP

WALTER T. SECOR

MORTON B. STRATTON

KENNETH UNDERWOOD

EDWARD M. COLLINS

VERNON H. HOLLOWAY

ASSISTANT PROFESSORS

FANNIE JUDSON FARRAR

*(Emerita)*ALMA B. SKINNER *(Emerita)*

RICHARD H. HOWE

A. COLLINS LADNER

C. LESLIE MAJOR

HENRY J. SKIPP

ELLENOR O. SHANNON

SARA L. HOUSTON

HERMAN W. LARSON

MARION WETZEL

WYNDHAM M. SOUTHGATE

GEORGE O. COMFORT, JR.

RUTH KOERBER

JUANITA M. KREPS

CLIFTON H. KREPS, JR.

CECIL R. FETTERS

LENTHIEL H. DOWNS

SUE HAURY

ROBERT E. DIXON

ROBERT W. LUNDIN

LYDIA HOLM

NORMAN H. POLLOCK, JR.

HARRY V. TRUMAN

HAZEL S. COWHERD

K. DALE ARCHIBALD

ROBERT J. ROBBINS

HAROLD W. GULLBERGH

INSTRUCTORS

SAM GELFER

E. CLARK MORROW

RICHARD H. MAHARD

AMY C. TURNELL

WAYNE WOODROW HAYES

O. MCNEILL ARNOLD

RIX N. YARD

MARGARET S. BAILEY

DOROTHY CARPENTER

NANCY ELOISE LEWIS

LOUISA TRAWICK

PAUL B. JOHNSON

MARY KATHRYN SELBY

PAUL L. BENNETT

ROBERT W. JOHN

NEWTON D. STRANDBERG

W. BURTIS MERCER

JAY D. COOK, JR.

WILLIAM D. REYBURN

WILLIAM O. BRASMER, JR.

SAMUEL D. SCHAFF

CHARLES W. FREEMAN

SHIRLEY POWER

BARBARA LEE

SAMUEL C. WHEELER

FRED H. WINKLER

PART-TIME INSTRUCTORS

RUSSEL H. WILLIAMS

CHARLOTTE F. WEEKS

C. BRUCE GROSSMAN

MARGARET G. GROSSMAN

JOHN W. ALFORD

ASSISTANTS

RICHARD G. ADAMS

PATRICIA FLECK

ROBERT MERRIMAN

THE FACULTY

- KENNETH IRVING BROWN, 1940— *President*
 A.B., Rochester; A.M., Harvard; Ph.D., Harvard; LL.D., Rochester.
- AVERY ALBERT SHAW, 1927-1940 *President Emeritus*
 A.B., Acadia; A.M., Grad. Colgate-Rochester; D.D., Acadia; LL.D., McMaster and Bucknell; D.C.L., Acadia; Litt.D., Denison.
- CYRIL F. RICHARDS, 1937— *Dean of the College*
 B.S., Linfield; B.D., Colgate-Rochester; A.M., Manitoba; L.H.D., Linfield.
- * * *
- (Arranged in alphabetical order, year indicating date of joining Denison staff)
- RICHARD G. ADAMS, 1947— *Assistant in Theatre Arts*
 B.A., Denison.
- JOHN W. ALFORD, 1949— *Instructor in Economics*
 A.B., DePauw.
- K. DALE ARCHIBALD, 1948— *Assistant Professor of Biological Sciences*
 B.A., Denison; M.A., Ohio State; B.D., Colgate-Rochester.
- O. MCNEILL ARNOLD, 1946— *Instructor in English*
 A.B., Denison; M.A., Columbia.
- MARGARET S. BAILEY, 1946— *Instructor in Modern Languages*
 B.A., Wellesley; M.A., Middlebury.
- HELEN A. BARR, 1924— *Professor of Physical Education*
 A.B., Wisconsin; A.M., Wisconsin.
- PAUL L. BENNETT, 1947— *Instructor in English*
 B.A., Ohio U.; M.A., Harvard.
- WILLIAM O. BRASMER, JR., 1948— *Instructor in Theatre Arts*
 B.S., Northwestern; M.A., Northwestern.
- DOROTHY CARPENTER, 1946— *Instructor in Mathematics*
 A.B., Ashland; M.A., Michigan.
- WILLIS A. CHAMBERLIN, 1891-1937 *Professor Emeritus of Modern Languages*
 A.B., Denison; A.B., Harvard; A.M., Denison; Ph.D., Chicago; Litt.D., Denison.
- EDWARD M. COLLINS, 1948— *Associate Professor of Physical Sciences*
 B.S., Princeton; A.M., Princeton; Ph.D., Princeton.

- GEORGE O. COMFORT, 1946—
Assistant Professor of History and Government
 A.B., Western Michigan; M.A., Michigan; Ph.D., Kentucky.
- JAY D. COOK, JR., 1948—
Instructor in Economics
 B.A., Washington and Lee; M.B.A., Pennsylvania.
- HAZEL S. COWHERD, 1948—
Assistant Professor of Economics
 A.B., Pennsylvania; M.A., Pennsylvania.
- LIONEL G. CROCKER, 1928—
Professor of Speech
 A.B., Michigan; A.M., Michigan; Ph.D., Michigan.
- LINDLEY RICHARD DEAN, 1921—
Eliam E. Barney Professor of Classical Languages
 A.B., Dartmouth; A.M., Princeton; Ph.D., Princeton.
- †FREDERICK G. DETWEILER, 1917—
Professor of Sociology
 A.B., Denison; B.D., Colgate-Rochester; Ph.D., Chicago.
- ROBERT E. DIXON, 1946—
Assistant Professor and Acting Chairman of Psychology
 A.B., Oberlin; A.M., Oberlin; Ph.D., Ohio State.
- LENTHIEL H. DOWNS, 1947—
Assistant Professor of English
 B.A., Tusculum; M.A., Iowa; Ph.D., Iowa.
- WILLIAM CLARENCE EBAUGH, 1918-1945
Professor Emeritus of Chemistry
 B.S., Pennsylvania; Ph.D., Pennsylvania.
- §KARL H. ESCHMAN, 1913—
Jessie King Wiltsee Professor of Music
 Ph.B., Denison; A.M., Harvard.
- W. ALFRED EVERHART, 1920—
Associate Professor of Chemistry
 A.B., Miami; M.S., Lehigh; Ph.D., Ohio State.
- FANNIE JUDSON FARRAR, 1904-1937
Assistant Professor Emerita of Music
- CECIL R. FETTERS, 1947—
Assistant Professor of Chemistry
 A.B., Bethany; M.S., Chicago.
- PATRICIA FLECK, 1948—
Assistant in Art
 A.B., Denison.

‡Absent on leave, 1948-49

§Absent on sabbatical leave second semester, 1947-48

- CHARLES W. FREEMAN, 1948—
Instructor in History and Government
 A.B., Ohio Northern; M.A., Cincinnati.
- SAM GELFER, 1925—
Instructor in Violin
- LELAND J. GORDON, 1931—
Professor of Economics
 B.S., Pennsylvania; A.M., Pennsylvania; Ph.D., Pennsylvania.
- C. BRUCE GROSSMAN, 1948—
Counselor
 Ph.B., Carroll; M.S., Western Reserve.
- MARGARET G. GROSSMAN, 1948—
Instructor in Music
 A.B., Carroll.
- HAROLD GULLBERG, 1948—
Assistant Professor of Psychology
 A.B., Alfred; M.A., Cornell; LL.B., Newark U.; Ed.M., Rutgers.
- SUE HAURY, 1928—
Assistant Professor of Music
 A.B., Denison.
- E. BASIL HAWES, 1923—
Professor of Education
 Ph.G., Starling Medical College; B.S., Ohio State; M.S., Ohio State.
- WAYNE WOODROW HAYES, 1946—
Instructor in Physical Education
 A.B., Denison; A.M., Ohio State.
- MAYLON H. HEPP, 1946—
Associate Professor of Philosophy
 A.B., Oberlin; M.A., Oberlin; Ph.D., Brown.
- VERNON H. HOLLOWAY, 1948—
Associate Professor of Religion and Philosophy
 B.A., Ohio Wesleyan; B.D., Yale.
- LYDIA HOLM, 1948—
Assistant Professor of Modern Languages
 B.A., Sioux Falls; M.A., Iowa; Ph.D., Iowa.
- SARA L. HOUSTON, 1935—
Assistant Professor of Physical Education
 A.B., Wellesley; M.S., Wellesley.
- RICHARD H. HOWE, 1920—
Assistant Professor of Physics
 B.S., Denison; M.S., Denison.
- SIDNEY JENKINS, 1920—
Associate Professor of Physical Education
 B.S., Denison; A.M., Ohio State.
- ROBERT W. JOHN, 1947—
Instructor in Music Education
 B.S. Mus. Ed., Milwaukee State Teachers; Mus.M., Michigan.

- PAUL B. JOHNSON, 1947— *Instructor in History and Government*
B.A., Chicago.
- CHOSABURO KATO, 1928— *Associate Professor of Mathematics*
B.S., Denison; M.S., Chicago; Ph.D., Ohio State.
- §HORACE KING, 1931— *Professor of Art*
A.B., Ohio State; A.M., Ohio State.
- JOSEPH L. KING, 1924— *Lorena Woodrow Burke Professor of English*
A.B., Richmond; A.M., Columbia; Ph.D., Columbia.
- RUTH KOERBER, 1947— *Assistant Professor of Modern Languages*
Diploma, University of Berlin; M.A., Nebraska; Ph.D., North-western.
- CLIFTON H. KREPS, JR., 1947— *Assistant Professor of Economics*
B.A., William and Mary; A.M., North Carolina; Ph.D., Duke.
- JUANITA M. KREPS, 1945— *Assistant Professor of Economics*
A.B., Berea; A.M., Duke; Ph.D., Duke.
- A. COLLINS LADNER, 1928—
Assistant Professor of Mathematics and Engineering
A.B., Brown; A.M., Brown.
- HERMAN W. LARSON, 1944— *Assistant Professor of Music*
A.B., Augustana.
- BARBARA LEE, 1948— *Instructor in Art*
B.F.A., Wayne; M.A., Wayne.
- NANCY ELOISE LEWIS, 1946— *Instructor in English*
A.B., Denison; M.A., Duke.
- THOMAS A. LEWIS, 1914-1943 *Professor Emeritus of Psychology*
A.B., William Jewell; Ph.D., Johns Hopkins.
- ARTHUR WARD LINDSEY, 1922— *Professor of Biological Sciences*
A.B., Morningside; M.S., Iowa; Ph.D., Iowa; D.Sc., Morningside.
- WALTER J. LIVINGSTON, 1911— *Professor of Physical Education*
B.S., Denison.
- ROBERT W. LUNDIN, 1947— *Assistant Professor of Psychology*
A.B., DePauw; A.M., Indiana; Ph.D., Indiana.

§Absent on sabbatical leave second semester, 1947-48

- RICHARD H. MAHARD, 1941—
Instructor and Acting Chairman of Geology and Geography
A.B., Michigan; M.A., Columbia.
- DANNER LEE MAHOOD, 1927— *Associate Professor of English*
B.S., Davidson; M.S., Virginia.
- C. LESLIE MAJOR, 1931— *Assistant Professor of Education*
A.B., William and Mary; A.M., William and Mary.
- W. BURTIS MERCER, 1947— *Instructor in Chemistry*
B.S., West Virginia Wesleyan.
- GEORGE D. MORGAN, 1927— *Associate Professor of Biological Sciences*
B.S., Denison; M.S., Pittsburgh; Ph.D., Ohio State.
- E. CLARK MORROW, 1935— *Instructor in History and Government*
A.B., Denison; LL.B., Western Reserve.
- CARL A. NISSEN, 1948— *Professor and Acting Chairman of Sociology*
B.S., Linfield; M.A., Chicago; Ph.D., Ohio State.
- ANNA B. PECKHAM, 1900-1937
Associate Professor Emerita of Mathematics
A.B., Wellesley; A.M., Denison.
- W. ALVIN PITCHER, 1944— *Associate Professor of Religion*
B.S., Chicago; B.D., Chicago.
- NORMAN H. POLLOCK, JR., 1948—
Assistant Professor of History and Government
A.B., Denison; A.M., Harvard; Ph.D., Pennsylvania.
- SHIRLEY POWER, 1948— *Instructor in Psychology*
B.A., Minnesota; M.A., Minnesota.
- WILLIAM D. REYBURN, 1948— *Instructor in Modern Languages*
A.B., Denison; M.A., New Mexico.
- ROBERT J. ROBBINS, 1948— *Assistant Professor of Speech*
A.B., Denver; M.A., Northwestern.
- CONRAD E. RONNEBERG, 1946— *Professor of Chemistry*
B.A., Lawrence; M.S., Massachusetts Institute of Technology;
Ph.D., Chicago.
- EDSON C. RUPP, 1919— *Associate Professor of Mathematics*
Ph.B., Denison; M.S., Denison.

- SAMUEL D. SCHAFF, 1948— *Instructor in Education*
A.B., Denison; M.A., Ohio State.
- WALTER T. SECOR, 1940—
Associate Professor and Acting Chairman of Modern Languages
A.B., Grinnell; A.M., Columbia; Ph.D., Columbia.
- MARY KATHRYN SELBY, 1947— *Instructor in Modern Languages*
B.A., Ohio State; B.S.Ed., Ohio State; M.A., Ohio State.
- ELLENOR O. SHANNON, 1936— *Assistant Professor of English*
- ERI J. SHUMAKER, 1916— *Associate Professor of English*
A.B., Denison; A.M., Denison; Ph.D., Ohio State.
- ALMA B. SKINNER, 1920-1940
Assistant Professor Emerita of Modern Languages
Ph.B., Denison; A.M., Columbia.
- HENRY J. SKIPP, 1934— *Assistant Professor of Modern Languages*
A.B., Denison; A.M., Columbia.
- LEON E. SMITH, 1928— *Henry Chisholm Professor of Physics*
B.S., Ottawa; Ph.D., Pennsylvania.
- WYNDHAM M. SOUTHGATE, 1946—
Assistant Professor of History and English
B.A., Harvard; M.A., Harvard; Ph.D., Harvard.
- BRAYTON STARK, 1927— *Associate Professor of Music*
Mus.B., Denison; A.B., Denison; F.A.G.O.; A.M., Harvard.
- FREDERICK W. STEWART, 1924— *Professor of Religion*
A.B., Rochester; A.M., Rochester; B.D., Colgate-Rochester.
- NEWTON D. STRANDBERG, 1947— *Instructor in Piano*
B.Mus.Ed., Northwestern; Mus.M., Northwestern.
A.B., Tulane; A.M., Columbia.
- MORTON B. STRATTON, 1943—
Associate Professor of History and Government
A.B., Tufts; A.M., Pennsylvania; Ph.D., Pennsylvania.
- HAROLD H. TITUS, 1928—
Maria Theresa Barney Professor of Philosophy
A.B., Acadia; B.D., Colgate-Rochester; Ph.D., Chicago.

† Absent on sabbatical leave second semester, 1947-48

- LOUISA TRAWICK, 1947— *Instructor in English*
B.A., Converse; M.A., Duke.
- HARRY V. TRUMAN, 1948— *Assistant Professor of Biological Sciences*
A.B., Ohio Wesleyan; A.M., Western Reserve; Ph.D., Wisconsin.
- AMY C. TURNELL, 1945— *Instructor in Physical Education*
B.S., Illinois; A.M., Iowa.
- KENNETH W. UNDERWOOD, 1947— *Associate Professor of Social Studies*
A.B., Bethany; M.A., Wisconsin; B.D., Yale.
- §WILLIAM T. UTTER, 1929— *Alumni Professor of History and Government*
B.S., N. W. Missouri State Teachers; A.M., Chicago; Ph.D., Chicago.
- ESTHER F. VREELAND, 1946— *Professor of Sociology and Director of Family Life*
A.B., Alma; M.A., Michigan.
- CHARLOTTE F. WEEKS, 1944— *Counselor*
A.B., Denison; M.A., Columbia.
- MARION WETZEL, 1946— *Assistant Professor of Mathematics*
A.B., Cornell College; M.A., Northwestern; Ph.D., Northwestern.
- SAMUEL C. WHEELER, 1948— *Instructor in Physics*
A.B., Miami; M.S., Illinois.
- FORBES B. WILEY, 1910— *Benjamin Barney Professor of Mathematics*
A.B., Kalamazoo; A.B., Chicago; Ph.D., Chicago; D.Sc., Kalamazoo.
- RUSSEL H. WILLIAMS, 1926— *Instructor in Hygiene*
B.S., Denison; M.D., Ohio State.
- FRED H. WINKLER, 1948— *Instructor in History and Government*
A.B., Florida; M.A., Florida.
- EDWARD A. WRIGHT, 1937— *Professor of Theatre Arts*
A.B., Iowa; A.M., Iowa.
- ‡FRANK J. WRIGHT, 1924— *Alumni Professor of Geology*
A.B., Bridgewater; A.M., Virginia; Ph.D., Columbia; LL.D., Bridgewater.
- RIX N. YARD, 1946— *Instructor in Physical Education*
B.S., Pennsylvania; M.S., Pennsylvania.

§ Absent on sabbatical leave second semester, 1947-48

‡ Absent on leave, 1948-49

ADMINISTRATIVE STAFF

KENNETH IRVING BROWN, A.B., A.M., Ph.D., LL.D.	<i>President</i>
FLORENCE BREWSTER, A.B.	<i>Secretary</i>
LOUISE W. WRIGHT, A.B.	<i>Financial Promotion Secretary</i>
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GLENNA BASORE, A.B.	<i>Secretary</i>
CYRIL F. RICHARDS, B.S., B.D., A.M., L.H.D.	<i>Dean of the College</i>
MARIAN MAHARD, B.S.	<i>Secretary</i>
DOROTHY V. N. BROOKS, A.B., A.M., D.Ed.	<i>Dean of Women</i>
ELIZABETH P. DICK	<i>Secretary</i>
MARGARET B. LOUGHMAN	<i>Personnel Records Secretary</i>
FRANCIS C. BAYLEY, A.B., B.D., Ph.D.	<i>Dean of Men</i>
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ALFRED J. JOHNSON, A.B., M.B.A.	<i>Business Manager</i>
FRANCES BUTCHER	<i>Secretary</i>
RHODA H. WILSON	<i>Maintenance Secretary</i>
ALLAN M. DEWEY, A.B.	<i>Bursar</i>
REBECCA SLOCUMB	<i>Secretary</i>
EURIE M. LOUGHRIDGE, Ph.B.	<i>Cashier</i>
JUNE HERENDEEN	<i>Bookkeeper</i>
C. LAURENCE GOODELL	<i>Manager of the Book Exchange</i>
ELLEN CAMP	<i>Mimeographing Secretary</i>
DONALD R. FITCH, Ph.B., M.S.	<i>Registrar</i>
JANE BUSBY, B.A.	<i>Assistant Registrar</i>
HELEN H. CHAMBERLAIN	<i>Secretary</i>
CHARLOTTE F. WEEKS, A.B., M.A.	<i>Secretary to the Admissions Committee</i>
AMES C. HANNA, A.B., B.D.	<i>Admissions Counselor</i>
ANN EVANS	<i>Secretary</i>
RUTH A. OUTLAND, A.B.	<i>Director of Public Information</i>
OLNEY DEKKER, A.B.	<i>Sports Writer</i>
CONSTANCE F. BRASMER, B.S.	<i>Secretary</i>
ROBERT E. DIXON, A.B., A.M., Ph.D.	<i>Director of Vocational Guidance Services</i>
SHIRLEY K. DUBLIN, A.B.	<i>Secretary</i>
JOHN L. BJELKE, Ph.B., M.A.	<i>Executive Secretary, Society of the Alumni</i>
BEATRICE PETERSON, B.A.	<i>Assistant Secretary</i>
KARL ESCHMAN, Ph.B., A.M.	<i>Director of the Conservatory of Music</i>
MARTHA S. BRANDFASS, B.S.	<i>Secretary</i>
E. BASIL HAWES, Ph.G., B.S., M.S.	<i>Director of Teacher Placement</i>
HELEN GOODELL	<i>Secretary</i>

LOIS E. ENGLEMAN, B.A., B.S. in L.S., M.S.	<i>Librarian</i>
MARY RUTH B. GROGAN, A.B., B.S. in L.S.	<i>Assistant Librarian</i>
JANE C. SECOR, A.B., B.S.	<i>Reference Librarian</i>
PAULINE HOOVER, A.B., B.S.	<i>Catalog Librarian</i>
DOROTHY M. DICKINSON, B.S., B.L.S.	<i>Assistant Catalog Librarian</i>
VIRGINIA DAYTON, B.A.	<i>Library Administrative Assistant</i>
ALICE BRANDT, A.B.	<i>Reference and Circulation Assistant</i>
JEAN-VIVIAN BROWNSON, A.B.	<i>Circulation Assistant</i>
SIDNEY V. HOLLINGWORTH	<i>Assistant</i>
BETTY WILLETT, Ph.B.	<i>Assistant</i>
MARY LOUGH EVERHART	<i>Assistant</i>
RUSSEL H. WILLIAMS, B.S., M.D.	<i>Physician</i>
RUTH HOPKINS, R.N.	<i>Nurse</i>
MARY L. EARHART, R.N.	<i>Staff Nurse</i>
HILDA KNELLER, R.N.	<i>Staff Nurse</i>
WALTER J. LIVINGSTON, B.S.	<i>Director of Athletics</i>
SIDNEY JENKINS, B.S., A.M.	<i>Director of Intramural Athletics</i>
WAYNE WOODROW HAYES, A.B., A.M.	<i>Coch of Football and Baseball</i>
RIX N. YARD, B.S., M.S.	<i>Coch of Basketball, Assistant Coch of Football and Track</i>
LIONEL G. CROCKER, A.B., A.M., Ph.D.	<i>Director of Forensics</i>
ROBERT J. ROBBINS, A.B., M.A.	<i>Director of Radio Activities</i>
EDWARD A. WRIGHT, A.B., A.M.	<i>Director of Dramatics</i>
WILLIAM O. BRASMER, JR., B.S., M.A.	<i>Associate Director</i>
RICHARD G. ADAMS, B.A.	<i>Technical Director</i>
ROBERT MERRIMAN	<i>Assistant in Charge of Children's Theatre</i>
W. ALVIN PITCHER, B.S., B.D.	<i>Director of the Christian Emphasis Program</i>
C. BRUCE GROSSMAN, Ph.B., M.S.	<i>Director of Deni-Service</i>
NANCY JO T. TELFORD, A.B.	<i>Secretary</i>

RESIDENTIAL AND DINING HALLS

HEAD RESIDENTS

MRS. BETTY RECK, <i>King</i>	MRS. O. M. ARNOLD, <i>Monomoy</i>
MRS. H. S. RIU, A.B., <i>Stone</i>	MRS. L. H. WEBBER, <i>Sawyer</i>
MRS. MADELEINE RUPP, <i>Shaw</i>	MRS. C. B. CONRAD, <i>Parsons</i>
MRS. W. S. THOMSON, A.B., <i>Beaver</i>	
MRS. NINA B. SHEPARD, Ph.B., M.A., <i>Burton</i>	
MRS. GEORGE ROBINSON, A.B., <i>Gilpatrick</i>	
MRS. E. C. WATERS, A.B., B.S.Ed., <i>East</i>	
MR. AND MRS. C. B. GROSSMAN, <i>Curtis</i>	
MRS. RUTH ROLT-WHEELER, A.B.	<i>Director of Dormitory Maintenance</i>
MRS. ELLA R. WOOD, MRS. HELEN B. CHRYSLER	<i>Dining-Hall Directors</i>
MRS. W. H. ADAMS	<i>Hostess, Student Union</i>

THE SOCIETY OF THE ALUMNI

This organization, founded in 1846, is composed of the graduates and former students of Denison University. The Society maintains a central office, employs an executive secretary and one assistant, publishes the *Denison Alumnus*, makes personal contacts with many prospective students, and cooperates with the administration in promoting the interests of the college, working with the alumni membership and friends of the institution. Members of the Alumni Council follow:

DR. ALBERT W. DAVISON '10, Newark, Ohio ----- *President*
 DR. DAVID E. REESE '15, Dayton, Ohio ----- *Vice President*
 JOHN L. BJELKE '16, Granville, Ohio ----- *Executive Secretary*
 BEATRICE PETERSON, Granville, Ohio ----- *Assistant Secretary*

John C. Weaver '30 ----- Cleveland Heights, Ohio
 Lloyd F. Martin '25 ----- Toledo, Ohio
 Mary Lou Bradfield Brasseur '28 ----- Cleveland, Ohio
 Marsena Cox Miller '33 ----- Toledo, Ohio
 Ralph Davies '18 ----- Fort Thomas, Kentucky
 Ruth Munn Avery '32 ----- Granville, Ohio
 Allan M. Dewey '37 ----- Granville, Ohio
 Dr. Russel H. Williams '15 ----- Granville, Ohio
 Jean Lindstrom Osmond '35 ----- Shaker Heights, Ohio
 John W. Hundley '19 ----- New York, New York
 Stanley Drews '32 ----- Detroit, Michigan
 Carl Thiele '16 ----- Dayton, Ohio
 Ruth Eldridge Richardson '18 ----- Toledo, Ohio
 Thomas A. Rogers '25 ----- Newark, Ohio
 James Young '30 ----- Granville, Ohio
 William A. Cornell '38 ----- Bay Village, Ohio
 William Meredith '18 ----- Springfield, Pennsylvania
 Elizabeth Osmond Moshier '39 ----- South Euclid, Ohio
 Booth Shepard '38 ----- Cincinnati, Ohio
 John Malloy '37 ----- Columbus, Ohio

TRUSTEES OF THE UNIVERSITY ELECTED BY THE ALUMNI

M. Forest Ashbrook, Scarsdale, New York; George McConaughy, Columbus; W. Forrest Loveless, Columbus; Gerald B. Athey, Milwaukee, Wisconsin; Ernest Brelsford, Shaker Heights; and Eugene Exian, Scarsdale, New York.

GENERAL INFORMATION

HISTORY AND PURPOSE

Denison was founded in 1831 by Ohio Baptists as the Granville Literary and Theological Institution. In 1854 the institution was incorporated as Denison University. In recent years the work has been limited to a college of liberal arts and sciences and a conservatory of music. Denison continues its cooperation with the Board of Education of the Northern Baptist Convention, but her teaching has never been sectarian, nor has there been at any time any attempt to restrict the student body to members of this denomination.

ACADEMIC STANDING

Denison is accredited by the North Central Association of Colleges and Secondary Schools as a degree-granting institution. It was placed on the Association's first published list of accredited institutions in 1913. It is recognized and approved by the Association of American Universities, the Ohio College Association, the Ohio State Department of Education, the American Association of University Women, and the American Association of University Professors.

The Denison Conservatory is a Liberal Arts College member of the National Association of Schools of Music. In intercollegiate athletics Denison is a member of the Ohio Athletic Conference. The Women's Athletic Association is a member of the Athletic Federation of College Women, and of the Ohio Conference of Athletic Associations.

LOCATION

Denison University is located in Granville, Licking county, a village founded in 1805 by colonists from Granville, Massachusetts. With its wide, elm-shaded streets at the foot of surrounding hills the village retains the charm and traditions of its New England ancestry. It is on Route 16, seven miles west of Newark, and twenty-seven miles east of Columbus; on Route 37, thirty-five miles southeast of Delaware; and on Route 661, twenty-three miles south of Mount Vernon. The Pennsylvania and the Baltimore & Ohio railroads pass

through Newark, the county seat. Connections by bus service may be made with Newark and Columbus, and through the Greyhound Lines with more distant points. The American Railway Express maintains an office in Granville.

Conveniently located on the principal street of the village is the Broadway Office building, presented to Denison by Mr. and Mrs. Percy L. Wiltsee. It contains the offices of both the Treasurer of the University, who also serves as the Secretary of the Board of Trustees, and the Executive Secretary of the Denison Society of the Alumni. Visitors to Granville for the first time will find this a convenient place to secure information before entering the campus.

CAMPUS AND BUILDINGS

The campus of 350 acres includes beautifully wooded hills and the principal buildings overlook the village, playing fields, and farms. At the eastern end are the dormitories for women (Shaw, Beaver, and Sawyer halls); at the west are Fraternity Row and Curtis Hall. Between these areas on the crest of the hill are the academic buildings, the chapel, the library, and the hospital.

Swasey Chapel with its stately tower dominates the Denison campus and serves as a landmark to travelers approaching Granville. The building was dedicated in 1924 and named in honor of the donor, Dr. Ambrose Swasey. The chimes in the chapel tower are a memorial to Mrs. Lavinia Marston Swasey.

Doane Library stands at the head of the academic quadrangle where it was erected in 1937 as a memorial to William Howard Doane from his daughters, Mrs. George W. Doane (nee Marguerite T. Doane) and Miss Ida F. Doane. Mr. Doane, for many years a trustee, gave to Denison its first library building in 1878 and it is most fitting that his name and generosity received perpetuation in this expression of filial devotion. Doane Library houses a collection of more than 108,000 volumes and is one of the depository libraries receiving the United States government publications.

Doane Administration Hall was given by Dr. William Howard Doane. This building contains several classrooms and the administrative offices.

Other academic buildings are Talbot Hall, so named in honor of Samson Talbot, fifth president of Denison; Cleveland Hall, given by friends of the college residing in Cleveland; Barney Science Hall, a

memorial to Eliam E. Barney given by his son, Eugene J. Barney; Swasey Observatory given and equipped by Dr. Ambrose Swasey; Life Science Hall, erected in 1941, the gift of Miss Ida Frances Doane; and Chemistry Cottage.

The Conservatory of Music is housed in Thresher Hall, named for a former professor. Adjoining is an auditorium known as Recital Hall.

Whisler Hospital is a memorial to Helen Arnett Whisler given by her parents, Mr. and Mrs. Charles F. Whisler. Thoroughly equipped for its purpose, this 38-bed hospital adequately serves the needs of the student body.

The College-Town House was the gift of William P. Huffman of Dayton, Denison alumnus of the Class of 1911 and a trustee. It contains three college-operated apartments and serves as a meeting place for clubs and organizations of Granville and the college.

FACILITIES FOR ATHLETICS

Cleveland Hall contains the main office of the Department of Physical Education for Men, several classrooms, and the Student Union. In this building also are the swimming pool, handball court, and gymnasium. Across the street is a temporary wooden structure, called the Wigwam, used by the Big Red for intercollegiate basketball. The football gridiron, named Deeds Field in honor of the donor, Colonel Edward A. Deeds of the Class of 1897, occupies a natural amphitheatre north of College Hill. Beneath the stadium are facilities for football players and for participants in track and baseball. Nearby are tennis courts and the baseball diamond. Practice fields for various games are on the north campus.

Doane Gymnasium, the gift of William Howard Doane, contains offices of the Department of Physical Education for Women, gymnasium equipment, and swimming pool. Lamson Lodge, gift of Julius G. Lamson, is a shelter house and recreation room on the north campus. Here is the Badenoch Memorial Library for use of the students in this department. Adjacent are the hockey field, archery range, tennis courts, and riding trails.

RESIDENCES AND DINING HALLS

Curtis Hall is a residence and dining hall for men high school graduates entering Denison as freshmen. The building, a memorial to Lanson Stage Curtis of the Class of 1896, was made possible by a gift by his mother, Annetta R. Jewell.

Rooms for men students are also provided on the two upper floors of Talbot Hall and in auxiliary housing units known as the Pines, Cedars, Hemlocks, and Spruce.

Seven fraternity houses and the American Commons Club on or near the campus provide residence and dining facilities for upper-class men.

Women students are accommodated in two groups of dormitories, upperclass women being housed on College Hill. In that unit are Shaw Hall, named in honor of President-Emeritus and Mrs. Avery A. Shaw; Sawyer Hall, named for Charles Sawyer, an early benefactor of higher education for women, and Beaver Hall, named in honor of Mary Thresher Beaver. These are occupied by seniors, juniors, and sophomores. Women residing in these halls take their meals in nearby Colwell Dining Hall.

Freshman and sophomore women live in a group of residence halls on the lower campus. Included are Stone Hall, named in honor of the Rev. Marsena Stone, a former professor; King Hall, named in honor of a former trustee; Burton Hall, named in honor of the founders of an early school for girls in Granville; Monomoy Place, and Parsons Hall. Meals for these students are served in Shepardson Dining Hall.

CAMPUS LIFE

Denison is a college of liberal arts and sciences in which the development of individuals takes precedence over all other aims. This point of view requires the college to consider all aspects of a student's development as important phases of his education; not only intellectual capacity and achievements, but also moral and religious values, physical condition and health standards, vocational aptitudes and interests, his sense of financial responsibility, social relationships, and his aesthetic appreciations.

In addition to a full curricular schedule, the college maintains a varied extracurricular program through which the student may find enriched and balanced living. The religious emphasis finds its expression both in worship and in social service. Cultural aspects are accented by the Art Treasure room, the guest artists brought by the Festival Association, the recitals by the faculty and students of the Conservatory, and productions of the dramatic and musical organizations. Other programs are provided by the Chapel services, the Social Studies Forum, the Denison Society of Arts and Letters, The Denison Lecture series, and the Denison Scientific Association.

As members of the Denison Community, students are expected to develop standards of behavior consistent with responsible citizenship. While they are held responsible for knowledge of the few specific regulations such as those governing the use of alcoholic beverages and the operation of automobiles which are included in the Denison Campus Government Association handbooks, it is assumed that Denison men and women understand in general what constitutes responsible citizenship without extensive regulations governing conduct. Any violation of acceptable standards, therefore, may result in disciplinary action.

CHRISTIAN EMPHASIS

Denison from its heritage and in its present purpose is a Christian college, committed to the objective of *fostering personality developed around Christian principles and ideals*. All students are invited and advised to have an active share in the religious life of the campus. From the academic side Denison provides religious instruction through the Department of Religion and through the chapel services. As an important part of Denison's emphasis on fostering Christian living, an organization, known as Deni-Sunday, sponsors a Sunday morning student meeting in which student problems and needs are discussed.

In a community service program, known as Deni-Service, students may express their response to community needs. The Young Women's Christian Association offers many opportunities for community service expressive of the aroused social conscience; on the devotional side it sponsors monthly Vesper services.

Each winter special importance is given to Christian Emphasis Week with addresses and forums by guest speakers. The climax of the week is the communion service in Swasey Chapel.

Chapel programs, which students are expected to attend, are held once a week. They usually follow the pattern of a worship service with an outside speaker frequently of national reputation. An occasional service of a musical nature is provided by visiting or local talent.

The *March of Dollars* is the campus expression for tangible assistance to the American Red Cross, World Student Service Fund, Scholarship Fund for foreign students, and an equipment fund for Dr. Mary Kirby Berry, a Denison alumna and medical missionary now practicing in Assam. Currently four foreign students are at Denison on this scholarship fund.

THE LIBRARY IN THE EDUCATIONAL PROGRAM

The Library is the workshop of the student. Its resources in books, periodicals, pamphlets, government publications, and recordings are made available by their proper organization effected through the application of library science. These materials are made easily accessible by opening to the student both the reserved book section and the general book collection in the stacks.

Facility in the use of the library through an understanding of its organization and in the use of books with respect to curricular and reference needs is the objective of the informal and formal instruction given by professional members of the library staff to individuals and to groups of students. The educational philosophy of the library service at Denison is to teach the students how to use libraries and their resources for a purposeful and meaningful experience during and after the college years. In accordance with this philosophy, an emphasis in the reference service is on the techniques of finding information and investigating subjects. Individual alcoves in the stacks encourage independent study for honors projects; seminar rooms provide an opportunity for individual and group conferences between instructor and students.

That the library may be an educational instrument in the broadest sense, the student is encouraged to read beyond specific class assignments; the library's resources are interpreted and related to the student's reading interests as well as to his study interests. The Browsing Room stimulates reading along lines of the student's choice.

THE CULTURAL LIFE

Many aspects of Denison's curriculum afford varied and valuable contributions to culture in the best sense of the word. The extra-class program adds opportunities to hear outstanding musical artists in the concerts arranged by the Granville Festival Association and noted speakers in the Denison Lecture Series. Activity tickets admit students without extra cost.

Opportunities to hear or to participate in the production of good music are provided by the two principal concerts annually, one of which is *The Messiah* by Handel, a traditional performance at Christmas-time for over forty years, and another at Easter. At both services the Engwerson Choral Society, largely made up of students, assists.

A number of faculty, guest, and student recitals are given during the college year. The Denison orchestra and the college band offer the opportunity of playing classical and modern compositions under faculty direction.

The men's and the women's glee clubs each consist of forty-five voices selected on a comparative basis. Denison's A Cappella Choir is organized to present special music at chapel services and other academic functions.

Facilities for the study of music are to be found in the Music Library, now a part of the Doane Library, and in the Carnegie Set of 1,200 recordings. Of interest is a collection of primitive musical instruments from foreign countries, most of these having been contributed by Denison alumni.

Art exhibits are on display at various times each year, and opportunity for the exhibition of student work is frequently arranged. An Art Treasure collection is now being assembled. Now on display are valuable tapestries, vases, and other *objets d'art*.

The Denison Art Loan Collection has been established to provide framed pictures, etchings, and prints as loans to students for use in their rooms for a semester at a time.

The Denison Society of Arts and Letters provides an opportunity for the presentation of literary and cultural papers. The Social Studies Forum deals with current topics of importance. Oldest among the organizations of this nature is the Denison Scientific Association, established in 1887. Bi-monthly the Association publishes the *Journal of the Scientific Laboratories*, founded by Professor Clarence Luther Herrick in 1885. Its merit is recognized by learned societies in all parts of the world, many of which receive the *Journal* in exchange for their own publications.

THE DENISON UNIVERSITY RESEARCH FOUNDATION

The Denison University Research Foundation exists to foster and to encourage constructive research in the arts and sciences. It was established in 1942 with a gift from an anonymous donor. The Foundation is sponsoring Research Scholarships, the amount depending upon the student's need, to outstanding men and women who show special ability in the field of research. The Foundation also sponsors a Commencement Prize for the best thesis submitted by a candidate for a degree with honors.

THE DENISON FELLOWS

The Denison Fellows is an organization of alumni and friends of the College who agree to support Denison with an annual gift of not less than one hundred dollars, and to whom in return the College offers a relationship of intimacy with Denison which it is hoped will be of large satisfaction to the Fellow. At the present time there are two hundred Denison Fellows.

RESIDENCE LIFE

Denison believes that an important part of college education comes from the experience of group living. To that end the University operates residence and dining halls for men and women. All freshman, non-veteran men are required to live in a college dormitory. All women are required to live in university residences. (For names of residence halls see page 23.) Ordinarily upperclass men live in their fraternity houses or the American Commons Club, but they may live off-campus in an approved private residence or in a dormitory when accommodations are available. (For information about room rates see page 33.)

The right to occupy a college room is given only to the student or students to whom the room is assigned. There shall be no exchanges of rooms or substitutions of one occupant for another without permission of the Dean of Men or Dean of Women. In case permission is given for a change of room, a transfer charge of \$2 may be made.

Each dormitory is in charge of a Head Resident who cooperates with the student House Council in the social administration of the house. In the freshman dormitories the head resident is assisted by selected upperclass students who serve as junior advisers.

MEN'S DORMITORIES—The rooms are designed for two men with the exception of a few larger rooms which can accommodate three or four men. An ample social lounge, dining hall, recreation room, and a study room are available. Each student is supplied with a study desk, chair and lamp, dresser, bed, mattress, pillow and bedding.

WOMEN'S DORMITORIES—Dormitories on the lower campus are designed for two occupants in each room. Most of the rooms in the uphill dormitories are arranged in suites for three or four women, although a few single rooms are available. The rooms are provided with study desks, lamps, chairs, dressers, and small rugs. Single beds, mattresses, and pillows are furnished, but all other bedding, linen, and curtains are to be supplied by the student.

Freshman women are assigned to rooms. All upperclass women, upon payment of a room reservation deposit, may participate in a room drawing to select rooms in the order in which they draw numbers.

COOPERATIVE HOUSES—The University maintains cooperative houses for women in which the students do all the housework and prepare the meals. A nominal fee is made for room rent. The cooperative nature of the undertaking reduces living costs materially. Selection of students is made on recommendation of the Dean of Women.

MARRIED VETERANS—Ten temporary buildings form the residential groups for 38 married veterans.

Other married students may find living accommodations in private homes or apartments in Granville or Newark.

HEALTH

Since good health is basic to the student's well being, Denison provides adequate health service through Whisler Memorial Hospital, the University physician, and three registered nurses. In the hospital clinic prompt and effectual medical attention is available. The physician may be consulted for examination and treatment at specified hours. A trained nurse is on duty at all times.

That students may learn to take responsibility for keeping in condition much health instruction is provided through classroom channels and the Departments of Physical Education. Here will be

found adequate programs of training to meet hygienic and recreational needs. Intramural contests in several sports, diversified according to season, have been developed and keen rivalry exists between different groups. The skills and abilities developed in this way build both group spirit and college loyalty.

In administering the dining halls every safeguard for health is employed; the choice of food, the preparation, and the serving are under the supervision of trained dietitians.

STUDENT ACTIVITIES AND SOCIAL LIFE

All Denison students are members of the Denison Campus Government Association which guides their activities, looking after the interests of the group, yet offering ever-increasing self-direction to the student. The Association functions through the Senate, the Women's Council, and the boards of control in the various fields of student activity such as athletics, debate and dramatics, music, publications, religion, and the social life at the Student Union.

The Student-Faculty Council acts as a clearing-house for discussion of policies and procedures and recommends to both the Senate and the Faculty measures it deems desirable in the regulation of campus life. The membership of the Council comprises seven student leaders and seven members of the Executive Committee of the Faculty. The President of the Denison Campus Government Association and the President of the College take turns in presiding.

Subsidiary organizations cater to special interests. They contribute to the social and religious life of the campus through the Christian Emphasis program, the community service participation, and the annual *March of Dollars* campaign; represent the athletic interests of men and women; sponsor dramatics and debate activities; and promote musical events—both vocal and instrumental. Writing is encouraged through the weekly newspaper, *The Denisonian*; the quarterly magazine, *Campus*; and the yearbook, *The Adytum*.

Other cultural interests are expressed in clubs and honor societies devoted to the various sciences, to mathematics, to literature, and to political and international affairs. Some of these groups have become chapters of national honorary societies. (See Academic Honors page 46.)

Seven chapters of national Greek-letter fraternities and the American Commons Club own houses in which non-freshmen may reside. Seven national Greek-letter sororities are established on the campus and maintain chapter lodges for social purposes, but not for residence.

ADMISSION

As a means of furthering the aims of the University set forth on page 2 of this catalog Denison attempts to select for admission those applicants who seem best qualified to contribute to the campus community and to benefit from the opportunities offered. In judging the qualifications of applicants, the Admissions Committee pays particular attention to the high school or preparatory school academic record (applicants from high schools are expected to rank well in comparison with their classmates); results of the Scholastic Aptitude Test (Program I) of the College Entrance Examination Board, or the American Council on Education Psychological Examination, or the Ohio State Psychological Test; the recommendation of the high school principal or headmaster; the record of leadership in school, church, and community activities; evidences of maturity and serious purpose in attending Denison, and recommendations of character, personality, and health of the applicant.

A personal interview with a representative of the college either at Denison or at a center near the applicant's home is desirable. Since Denison draws its students from many states, attention is given to the geographical distribution of its student body. Meeting the minimum requirements does not guarantee admission.

All communications concerning admission, including requests for catalogs, should be addressed to the Admissions Office, Doane Administration Building, Denison University, Granville, Ohio. The Admissions Office is open from 8:30 A.M. to noon and 1:30 P.M. to 5 P.M., Monday through Friday, from 8:30 to noon on Saturdays, and at other hours by special appointment only. Applicants should write to the Admissions Office for information pertaining to the admissions procedure or any phase of it.

ADMISSION OF FRESHMEN

A preliminary application blank is attached as the last sheet in this catalog. On its receipt at the Admissions Office the applicant's name is placed on the mailing list, and formal application blanks are sent during October and thereafter of the year prior to entrance. Applications should be received prior to March 1 for September entrance.

The following minimum requirements must be met by every applicant:

1. **SECONDARY SCHOOL CREDITS.** Graduation and college certification from an accredited high school or preparatory school with

at least fifteen acceptable units. Denison does not require that the high school courses submitted by the applicant shall follow a particular pattern. However, thorough preparation in certain types of subject matter provides a highly desirable background for college work. For this reason it is recommended that courses in the following areas be included in the student's program: English, three units; Mathematics, including Algebra and Plane Geometry, two units; Foreign Language, two units in the same field; History, one unit; Laboratory Science, one unit. In addition, at least three of the remaining six units required for entrance should be in these or related fields.

2. **EXAMINATIONS.** Satisfactory scores on the Scholastic Aptitude Test (Program I) given by the College Entrance Examination Board, preferably in January of the year in which admission is desired; or satisfactory scores on the American Council on Education Psychological Examination, or on the Ohio State Psychological Test as administered by the applicant's school. In individual cases designated achievement tests may also be required. Applicants who plan to take the College Board test and who live in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Alaska, or Hawaii, will write to the College Entrance Examination Board, P.O. Box 775, Berkeley, California, for information concerning the test; all other such applicants will write to the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey.

3. **OTHER REQUIREMENTS.** (a) A recommendation of the secondary school principal, headmaster, or guidance officer; (b) an acceptable report from the candidate's physician; (c) evidence of the record of leadership in school, church, and community activities; (d) evidences of maturity and serious purposes in attending Denison; and (e) recommendations of character, personality, and health are required of every applicant.

4. **FEES AND DEPOSITS.** (a) A \$5 non-refundable application fee is required at the time the formal application is made; (b) after acceptance for admission, a \$25 Registration Deposit is required of all students. This is refundable until June 1—or within two weeks if an applicant is accepted after this date—upon written withdrawal of the application for admission, addressed to the Admissions Office; (c) all students must also make a \$25 room reservation deposit, except veterans and men who enter as transfer students with sophomore, junior, or senior standing and who do not desire dormitory accommodations. This is refundable under the above provisions for the refund of registration deposits.

ACCEPTANCE PROCEDURE

Applications are considered upon a basis of grades for seven semesters of secondary school work. *First choices for both men and women will be made by April 15, thus requiring that applications be completed by March 1.* Waiting lists will be established at the time the first choices are made. (Applicants from private schools will be considered in competition with other private school applicants, and not with public high school applicants). A student whose application has been refused, although he met the minimum entrance requirements, will be considered for the following year, if he so desires, but only in competition with the applicants of that year.

ADMISSION TO ADVANCED STANDING

Students should apply for admission with advanced standing prior to March 1. They must file the regular admission credentials listed under requirements for freshman entrance, and in addition must file a complete official transcript of their college record and a recommendation from a dean of the college last attended. Careful consideration will be given only to applications from students who have maintained an average of at least *C plus* (2.4 point-average) in all work done in the college or colleges previously attended. When a transfer student is accepted for admission, he will be given credit without examination in liberal arts subjects taken at a college accredited by the North Central Association of Colleges and Secondary Schools or an accrediting body of similar rank. Classification is based on the number and quality of credits accepted, subject to revision after the first semester in residence. Any of the requirements specified for graduation at Denison and not satisfactorily completed at the college previously attended must be taken during the first semester or first year of residence. Students admitted with advanced standing are expected to meet entrance requirements mentioned above and may become candidates for degrees only after the completion of all specified requirements for graduation and at least one year in residence.

The number of transfer students admitted is limited by the dormitory and classroom space available. Candidates for admission with advanced standing who have been unsuccessful candidates for admission to Denison as freshmen will be expected to present a high record at the college from which admission by transfer is sought.

Transfers who will enter with junior standing may be tentatively accepted on a basis of three semesters of college work. No action will be taken upon the applications of transfers who will enter with sophomore standing until the complete freshman record is available.

EXPENSES

COST EACH SEMESTER

Tuition	\$225
Incidental Fee	25
Room	95
Board	200
Books and Supplies (approximately)	30

As changes in tuition, fees, room or board become necessary, in view of the economic uncertainty of the times, the right is reserved to make such changes at the beginning of any semester by publication of the new rates *for tuition and fees three months in advance, for board and room one month in advance of their effective date.*

THE TUITION charge covers the cost for nine to seventeen hours of credit for the semester. Students enrolling for either excessive hours or part-time schedule should see Registration pages 42-43.

THE INCIDENTAL FEE covers athletics, publications, concerts, lectures, and dramatic performances; support of campus government and certain other student organizations; health service (including hospital care up to three days); library, diploma, and all course and laboratory fees except breakage deposits and typewriter rental; therefore, full-time students are admitted to all intercollegiate athletic events, all regularly scheduled student dramatic performances, lectures, and Granville Festival Association concerts without additional charge other than federal admission tax. (For hospitalization in excess of three days a charge of \$5 is made for each day. Only unusual medical or surgical costs are charged against the student. This includes calls at student rooms, services of special nurses, X-rays, or unusual medicines or appliances.)

RENT for single rooms ranges from \$80 to \$130 a semester. Dormitory rooms are \$95 a person a semester with the exception of those in Shaw and Talbot halls and in the auxiliary housing units. Suites in Shaw Hall are \$115 and in Talbot Hall \$80 a person a semester. Double rooms in auxiliary units are \$65 a person a semester. No room is rented for a shorter period than one semester. The cost of any damage to the room or furniture beyond ordinary wear will be assessed to the occupant.

MEALS are served in the college dining halls during the college year but not through the vacation periods.

CONSERVATORY OF MUSIC fees are shown on page 96.

PAYMENT OF BILLS

All bills are payable at the Office of the Bursar and checks should be made payable to Denison University. To help develop in the students a sense of responsibility and a greater appreciation of the educational opportunity, the University has a policy of collecting semester bills from the students.

These semester bills are due on or before registration day. Deferment of one-half of the net bill may be made to November 15 for the first semester and to April 10 for the second semester bill, provided a request is made to the Bursar's Office in advance of registration. All bills other than the semester bills are due within ten days from the date rendered and if not paid when due a service charge of \$1 may be made. Students are not eligible to attend classes unless bills are paid when due. Students will be denied an honorable dismissal or a transfer of credits or graduation, until all college bills are paid in full. Receipts of payment are not made unless requested, and the statement is returned.

CANCELLATION OF RESERVATIONS: The registration and room deposits are refundable until June 1 or December 15 for the succeeding semester upon written notice of withdrawal and request for cancellation and refund to the Dean of Men or the Dean of Women. *A request for a transcript of credits shall not be regarded as cancellation of these reservations unless it is accompanied by definite instruction to that effect.* Room deposits for freshman men who entered direct from high school and who do not wish a room in a college dormitory the sophomore year are refundable until June 1 upon written notice to the Dean of Men. Room deposits of all other men who do not desire a room in a college dormitory are refundable until June 1 or December 15 for the next semester upon written notice to the Dean of Men.

REFUND OF DEPOSITS: Registration deposits, and room deposits for women, will be credited on the statements rendered students the second semester of the senior year.

SCHOLARSHIPS, GRANTS-IN-AID, LOANS, AND STUDENT EMPLOYMENT

The annual income of funds given to the University over a long period of years is available for assistance to worthy students. Such assistance takes the form of scholarships, grants-in-aid, and loans. All awards and work assignments are made by the Committee on Scholarships and Student Employment.

HONOR SCHOLARSHIPS are awarded only to students of demonstrated intellectual ability in various fields. These awards are made on recommendation to the Committee without application by the recipient.

GRANTS-IN-AID should be sought only by students who have difficulty in meeting the expenses of their college education. With the exception of certain designated grants to children of faculty and employees, to children of Baptist ministers and missionaries, and to students preparing for religious work, grants are awarded primarily on the basis of need and carry with them the responsibility for work assignments.

The applicant must show evidence of academic worth to be considered. Likewise, to continue to receive aid, he must remain in good standing. If for any cause he is placed on probation, his financial assistance is withdrawn during that period.

A regular grant-in-aid cannot be applied directly to the student's bill for college expenses but is withheld until such time in the second semester as the student completes the work assignment accompanying the grant. Accordingly, the grant-in-aid is credited against the bill in direct proportion to the amount earned on work assigned.

Awards for grants-in-aid are made after the applicant has been admitted to Denison and remain in force for one year only, subject to renewal on a yearly basis by special action of the committee. As the student's financial need increases or decreases, the committee may add to or subtract from the original grant.

Blanks for the applications may be obtained at any time from the Secretary of the Committee on Scholarships and Student Employment. Renewals are announced on or about May 15.

LOAN FUNDS, available to needy students after the completion of one semester of residence at Denison, may be made to defray expenses specifically pertaining to college education. The applicant is required to furnish information regarding the purpose of the loan, any outstanding obligation to the college and to other sources, the amount of financial aid received from parents or guardians, the total earned yearly toward college expenses, and the amount of life insurance carried. The application may be secured from the Dean of Men or Dean of Women. The note must be co-signed, ordinarily by parent or guardian.

STUDENT EMPLOYMENT enables a number of students to earn a part of their expenses while in college. The Committee on Scholarships and Student Employment will, upon application, assign work through the Office of the Business Manager to a limited number of students,

namely, those who otherwise would be unable to meet the full expenses of a college education; those who give evidence of their willingness and ability to do work of value to the college, such as laboratory assistance, stenographic service, dining hall service, help in the dormitories, or work on the campus, and those who show that they can carry work without injury to their scholastic standing or to their health.

HONOR SCHOLARSHIPS

VICTORY SCHOLARSHIPS -----each \$450

A few four-year full-tuition scholarships are available to high school seniors, men and women, of high intellectual ability and strong moral character, possessing qualities of leadership as shown by their activities in high school, church, and neighborhood groups. Applicants are required to take the Scholastic Aptitude Test (verbal and mathematical) of the College Entrance Examination Board, together with its Achievement Test in English and in two additional fields of the candidate's choice. Applicants may take the January or April test, preferably the former. The candidates will be judged on the basis of the results of the tests and the accepted application for admission. Interviewing of applicants by college officials will be arranged either on the campus or in regional centers. *The awards are for four years, and the recipients must maintain a 3.25 grade average.* Probation for any cause would automatically void the scholarship and make reapplication necessary when the probation is removed. Request to the Office of Admissions for application blank should be made prior to March 10.

	Principal of Fund	Estimated Available Yearly
THE MARY HARTWELL CATHERWOOD SCHOLARSHIP FUND -----	\$1,000	\$32
Awarded to the man or woman of the junior or senior classes definitely planning on making his or her living in writing, on recommendation of the head of the Department of English.		
THE FRANCIS WAYLAND SHEPARDSON SCHOLARSHIP SHIP FUND -----	\$5,000	\$160
Awarded to students who have shown proficiency in courses in American History.		

THE CORA WHITCOMB SHEPARDSON SCHOLARSHIP FUND ----- \$5,000 \$160

Awarded to students who have shown proficiency in courses in Art.

THE WILLIS A. AND FRANCES W. CHAMBERLIN SCHOLARSHIP ----- \$1,000 \$70

Awarded to students who are majoring in and have shown proficiency in courses in the Humanities.

THE EBENEZER THRESHER FUND ----- \$10,000 \$325

Awarded to the highest ranking freshman man at the end of the first semester and payable in four equal installments in the freshman, sophomore, junior, and senior years.

THE DANIEL SHEPARDSON MEMORIAL SCHOLARSHIP FUND ----- \$2,500 \$80

On recommendation of an alumnae group an award is made to the junior woman who has shown outstanding leadership in the field of religious activity.

THE JOHN L. GILPATRICK SCHOLARSHIP ----- \$1,117 \$36

Awarded to a member of the senior class recommended by the faculty of the Department of Mathematics on the basis of excellency in that subject.

THE LAURA F. PLATTS SCHOLARSHIP ----- \$50

Awarded by the donor to the senior girl who, on the basis of her college record, gives promise of service to her fellowmen.

RESEARCH SCHOLARSHIPS ----- \$100 to \$500 a year

Awarded by the Denison University Research Foundation at the end of the sophomore or junior years, with the possibility that the award will continue through graduate school, to men and women who have demonstrated their intellectual ability and their qualities of leadership, and have shown a genuine and authentic interest in research.

GRANVILLE CENTENNIAL SCHOLARSHIPS ----- \$600

Established in recognition of the contributions of Granville residents to the Centennial Endowment Fund, one four-year scholarship is awarded annually to a high ranking student in the graduating class of Granville High School, chosen after conference with the Superintendent of Schools and in accordance with the restrictions laid down by the Denison Board of Trustees. Payment of \$150 is made annually, providing a 3. grade-average is maintained.

THE A. H. HEISEY COMPANY DESIGN
IN GLASSWARE SCHOLARSHIP ----- \$200

Awarded to a student in the Department of Art in competition for the best glassware design.

THE DENISON THEATRE ARTS FELLOWSHIP ----- \$500

Awarded to the junior major in Theatre Arts who has in his college career made the greatest contribution to the Denison Theatre. The Fellowship must be used in a trip to, and study of, Hollywood or the New York theatre. This scholarship is made possible by the generosity of Joseph G. Nellis and Fred Tuerk in the interest of the theatre at Denison.

GRADUATE HONOR SCHOLARSHIPS

THE DENISON UNIVERSITY TUITION SCHOLARSHIP

The Denison University Tuition Scholarship is one of the Ohio College Tuition Scholarships established by the trustees of the Ohio State University and is open to graduates of Denison for one year. Nominations of qualified students are made from year to year by the President and the Dean of the College.

RHODES SCHOLARSHIP ----- £500

Men who have completed their sophomore year at Denison University are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extracurricular activities.

HONOR SCHOLARSHIPS FOR CONSERVATORY OF MUSIC STUDENTS

	Principal of Fund	Estimated Available Yearly
The Eliza Smart Shepardson Scholarship Fund -----	\$2,500	\$80
The Gertrude Carhartt Brelsford Memorial Fund -----	\$2,000	\$65
PRESSER MUSIC FOUNDATION SCHOLARSHIP -----		\$250

On recommendation of the faculty of the Conservatory of Music from funds provided by the Presser Music Foundation, awards are made to students planning to make their living in the field of music.

GRANTS AND SCHOLARSHIPS FOR MEN

The David and Jane Harpster Fund -----	\$5,000	\$160
The Mary Arnold Stevens Fund -----	500	16
The Eugenia Kincaid Leonard Scholarship ----	1,000	32
The A. F. and A. A. Bostwick Scholarship Fund	1,000	32
The Harry Thurston Crane Scholarship Fund	5,000	160
The Marie Theresa Barney Scholarship Fund...	11,000	352

GRANTS AND SCHOLARSHIPS FOR WOMEN

The King Scholarship Endowment -----	\$12,000	\$390
The Martha A. Luse Scholarship Fund -----	1,000	32
The James McClurg Scholarship Fund -----	1,000	32
The Mary Miller Scholarship Fund -----	8,282	270
The Charles T. Chapin Scholarship Fund -----	2,000	65
The Lide-Shepardson-Marsh Scholarship Fund	1,000	32
The Flora Price Jones Scholarship -----	1,000	32
The Agnes Wilson Weaver Scholarship Fund --	1,000	30
The Harry Thurston Crane Scholarship Fund --	5,000	160
The Hannah Snow Lewis Scholarship Fund ----	16,000	612

GRANTS AND SCHOLARSHIPS FOR MEN OR WOMEN

	Principal of Fund	Estimated Available Yearly
The Elizabeth S. Ewart Scholarship Fund ----	\$2,000	\$65
The Charles T. Lewis Scholarship Fund -----	5,000	160
The John Doyle Scholarship Fund -----	2,500	80
The Wells A. and Cynthia Aldrich Chamberlain Scholarship -----	5,000	160
The G. A. Griswold Scholarship Fund -----	5,000	160
The Daniel Van Voorhis Scholarship Fund ----	500	16
The Saunders Scholarship Fund -----	2,000	65
The Amanda Sperry Scholarship Fund -----	1,000	32
The Herbert F. Stilwell Scholarship Fund ----	30,000	975
The Samuel B. Brierly Scholarship Fund ----	65,511	3,000
The Class of 1913 Scholarship Fund -----	1,000	32
The Class of 1917 War Memorial Scholarship Fund -----	3,394	110
The George H. Shorney Scholarship Fund ----	7,500	244
The Charles G. Waters Scholarship Fund ----	5,000	160
The Katherine Gear Wightman Scholarship Fund -----	500	16

The David E. Green Memorial Scholarship Fund	3,337	108
The Masuo S. and Kiyo A. Hoshide Scholarship Fund -----	656	22
The Frederick P. and Mary T. Beaver Scholarship Fund -----	45,000	1,462

GRANTS AND SCHOLARSHIPS FOR MINISTERIAL
STUDENTS ONLY

The Mary K. Monroe Fund -----	\$30,000	\$975
The M. E. Gray Fund -----	5,000	160
The David Thatcher Fund -----	1,500	48
The Joshua and Gwennie Jones Fund -----	1,356	44
The Abigail Pence Houck Fund -----	31,717	1,031
The William Howard Doane Scholarship Fund--		400
The Welsh Hills Prices Scholarship Fund -----	2,000	65

Of the above scholarship funds the following were increased or established since the last publication of the catalog:

1. THE SAMUEL B. BRIERLY SCHOLARSHIP FUND ----- \$18,600

Contributed by two friends in honor of Samuel B. Brierly of the Class of 1875, founder of the *Denison Alumnus* and for many years president of the Society of the Alumni. This is a specially invested fund, the income of which is available annually for scholarship purposes to needy and qualified students of Christian parentage and high moral character. This gift increases the amount of the fund to \$65,511.

2. THE WILLIS A. AND FRANCES W. CHAMBERLIN
SCHOLARSHIP FUND ----- \$200

Contributed by Dr. Willis A. Chamberlin, Professor-emeritus of Modern Languages. The income only is to be used to aid students of high scholarship majoring in the Humanities. This gift increases the amount of the fund to \$1,000.

3. MASUO S. AND KIYO A. HOSHIDE SCHOLARSHIP
FUND ----- \$256

Established and contributed by friends, originally in memory of Masuo S. Hoshide, Class of 1931, and during the past year enlarged and increased to include his late widow, Kiyo A. Hoshide. The income only is to be used for students in need of financial assistance. This addition increases the amount of the fund to \$656.

4. THE DENISON THEATRE ARTS FELLOWSHIP ----- \$2,500

Contributed by Joseph G. Nellis and Fred Tuerk in the interest of the theatre at Denison. \$500 is to be used each year toward a trip to and study of either Hollywood or New York theatre.

SPECIAL SCHOLARSHIPS: Sons and daughters of Baptist ministers and missionaries may, upon application and approval of the Scholarship and Student Employment Committee, receive a scholarship of \$50 a semester. This aid is given in recognition of Denison's heritage from the Baptist denomination throughout the entire history of the college. The scholarship will be continued during the student's college course if a satisfactory record is maintained.

THE LAVERNE NOYES SCHOLARSHIP FUND: Certain scholarship funds are available from the income of the LaVerne Noyes Estate for children or blood descendants of those who served in the Army or Navy of the United States in World War I, and who need financial help to remain in college. The number and amount of grants is limited annually by the earned income of the fund.

LOAN FUNDS

	Non-Loanable Invested Principal	Loanable Principal of Fund
The Fletcher O. Marsh Fund -----		\$5,200
The Edward LeGrande Husted Fund -----	\$1,000	650
The Ida S. Fisher Loan Fund -----		1,250
The C. L. Williams Alumni Loan Fund -----		2,650
The Class of 1927 Loan Fund -----		250
The Asher King Mather Loan Fund -----		300
The Edward Gear Ewart Loan Fund -----		150
The Charles F. Burke Memorial Loan Fund ----		2,000
The W. C. Woodyard Loan Fund -----	600	65
The Burton Memorial Loan Fund -----	1,000	35
The Joseph M. and Amy W. Collins Loan Fund.	12,000	5,010

ADDITIONAL SOURCES OF SCHOLARSHIPS AND LOANS are available through fraternities, sororities, and foundations, which offer scholarships and loans for which Denison University students may apply. Some information is available in the offices of the Bursar and Secretary of the Board of Trustees regarding this help.

REGISTRATION

Registration is the formal enrollment in the college and is regarded as an agreement on the part of the student to abide by all college regulations. The three parts in the procedure follow:

1. Preparation of a detailed schedule of courses.
2. Payment of the prescribed fees at the Office of the Bursar.
3. Deposit of a copy of the class schedule in the Office of the Registrar.

For new students, a period of time in the orientation program is devoted to the making out of individual schedules of courses with the aid of a faculty counselor before acceptance by the Registrar.

NORMAL REGISTRATION

Fifteen hours of academic credit comprise a normal registration. In addition, all students are allowed chapel credit in all years and Physical Education according to the current requirements, namely, for women in the freshman and sophomore years and for men in the freshman, sophomore, and junior years. This load is recommended for most students and is necessary to meet graduation requirements in eight semesters.

REDUCED REGISTRATION

Students who by reason of employment, health or deficient background in certain subjects, cannot carry a normal schedule satisfactorily are advised, and may be required, to carry a reduced schedule of twelve to fourteen hours of academic credit and to plan an extra semester to meet graduation requirements. Without special permission from the Dean of the College, twelve hours shall be minimum registration for any regular student.

EXCESS REGISTRATION

More than seventeen hours is considered to be *excessive* and cannot be allowed except by consent of the Registration Committee, which will act in accordance with definite regulations approved by the Faculty. To register for seventeen hours a student must be in good scholastic standing. *A special petition to the Registration Committee is required for a schedule in excess of seventeen hours, and if granted, a fee of \$14 shall be charged for each registered hour in excess of that number.*

PARTIAL REGISTRATION

Any student who, by special permission of the Dean of the College takes fewer than nine academic hours a semester, and who will not be a candidate for a degree within a year after such partial registration, shall be considered a *part-time* student. The charge for such a student will be \$14 for each hour of credit plus a \$3 part-time incidental fee. A part-time student desiring hospital, laboratory, and student activity privileges may make the necessary arrangements with the Bursar.

LATE REGISTRATION

All students must complete their registration and settle with the Bursar on the days set apart for that purpose. Failure to do so will be counted as *late registration*, entailing a special fee of \$5. No student will be admitted to any class later than the second week of the semester.

CHANGES IN REGISTRATION

Ordinarily no changes are allowed in registration after the registration card has been filed with the Registrar. For every change that is allowed, a fee of \$1 will be charged, unless remitted by the Registrar for satisfactory reason.

DROPPING WORK

Work for which the student has once registered cannot be dropped except by formal permission secured through the Office of the Registrar. Students may drop courses up to the end of the second week of classes, no grade to be entered in the record. After that date a course dropped or a course abandoned without permission, shall be entered as "F" (failure) in the permanent record regardless of the grade at the time of dropping. In special cases the Dean, in consultation with the head of the department concerned, may waive this regulation.

WITHDRAWAL

Students who find it necessary to leave college before the close of a semester must, in order to receive an honorable dismissal, report to the Dean of Women or Dean of Men and arrange for official withdrawal.

The college may, whenever in its judgment such action is for the best interest either of the student or of the student body, dismiss or refuse to enroll any student.

All students, including veterans enrolled under Public Law 16 or 346 (GI Bill), withdrawing from college for any reason will be charged 20 per cent of the tuition and incidental fee for each week enrolled, but not to exceed full tuition and fee. The Executive Council may make exceptions in the case of major illness or other emergency.

A proportionate refund will be made on board but no refund will be made on room rent.

CHAPEL ATTENDANCE

Students are expected to attend the weekly chapel service for which they are given credit toward graduation. Failure to attend the requisite number of chapel periods each semester will result in *no chapel credit* being recorded. Frequent unexcused absences will lead to disciplinary action.

EXTRACURRICULAR ACTIVITIES

To be eligible to represent the college officially, a freshman student shall present at least fifteen units of high school work, twelve of which are academic units, when he enters. Further, he shall be a regularly registered full-time student and, if previously registered in Denison, he shall have passed twelve semester-hours of credit and earned at least twenty quality points in the preceding semester.

CLASSIFICATION OF STUDENTS

FRESHMAN STANDING—No student will be classified as a freshman who is deficient in more than one unit of preparatory work.

SOPHOMORE STANDING: 26 semester hours' credit, including required freshman courses in English and Physical Education. All entrance deficiencies must be removed.

JUNIOR STANDING: 60 semester hours' credit.

SENIOR STANDING: 94 semester hours' credit.

COUNSELING PROGRAM

The Deans, the Director of Vocational Guidance Services, other guidance specialists, selected faculty counselors, and departmental heads cooperate in advising students. Faculty members selected and trained to serve as counselors advise students during their first two years of college.

Orientation to the college regime, begun during the week preceding registration, is continued during the year as students and faculty plan and evaluate progress together. The Counselor is interested in working out with each student the academic program most appropriate for him in the light of his aptitude and aspiration; he is also interested in a student's attitude, his choices of extracurricular activities, how he allots his time and energy, and how he shares in the routine of college living. The Counselor has at his command the results of various aptitude, achievement and vocational interest tests as well as services of specialists as these may be needed.

Whenever the student has made a tentative decision on a vocation, he is referred to the Adviser in the field of major interest, usually the head of the department.

VOCATIONAL GUIDANCE SERVICES function as a guidance center for information, advice and placement of students and alumni. Through the Director this work is closely coordinated with the various departments of the college. The program helps students to discover their own interests and powers; to discover the most promising avenues of work for these abilities; to familiarize themselves with the techniques for seeking employment; and to obtain suggestions for placement in positions which are consistent with their abilities and interests, and are therefore personally satisfying and professionally rewarding.

The Department of Education maintains a separate appointment service to assist graduates in seeking first teaching positions and in transferring to better positions upon evidence of successful experience.

VETERANS' COUNSELING at Denison is approved by the Veterans' Administration for training given under PUBLIC LAW 346, *known as the G. I. Bill of Rights*, and for veterans who are being rehabilitated under PUBLIC LAW 16. All matters pertaining to veterans' affairs at Denison are centered in the Office of the Dean of Men who is the liaison representative to the Veterans' Administration.

ACADEMIC HONORS

GRADUATION WITH HONORS

Superior students are advised before entering the junior year that they have honor possibilities. In the senior year such students are permitted to engage in special projects in addition to courses regularly required in their field of concentration. Superior students are defined as those whose record during the three semesters preceding their senior year shows at least a 3. average with not less than 3.4 in their field of concentration; and who in addition rank in the upper quartile of the sophomore class in their score on the objective test or tests in the field of their particular interest. In special cases, a department may recommend for honors a student who has not met these requirements.

Honors work is recommended by the student's academic adviser and is subject to approval by the Curriculum Committee. Candidates must register for such work during both semesters of the senior year for a total of six credits, usually distributed as three credits each semester. Honors credit shall be given only when the student has satisfied his adviser, and two other professors, that he has completed the project and done work of high quality. Students who earn honors credit and superior rating in their comprehensive examinations shall receive diplomas inscribed *with honors*.

DEAN'S LIST OF ANNUAL HONORS

A student whose average curricular record places him in the top twenty per cent of each class (freshman, sophomore, junior or senior), provided that no grade in his year's record is below C, is honored by having his name listed on the program of an Annual Honors Convocation held each fall. Seniors who qualify for the Dean's List are recognized at the Annual Commencement Convocation and students who have qualified for this honor in each of their four years are accorded special recognition.

For list of Honor Scholarships which are classed as academic honors see page 36.

HONOR SOCIETIES

The Phi Beta Kappa Society, which was founded in 1776 to recognize and encourage scholarly pursuits, established the Theta of Ohio chapter at Denison in 1911. Annually new members are elected from those students in the senior and junior classes having the highest

ranking in scholarship. As a means of encouraging high scholarship among the members of the freshman class, the chapter organized the Phi Society in 1926, in which membership is automatic for students earning at least one hundred twelve scholastic points during their freshman year.

Other honorary societies having chapters at Denison are Omicron Delta Kappa and Mortar Board for Leadership; Blue Key and Crossed Keys for Activities; Eta Sigma Phi for Classical Languages; Tau Kappa Alpha for Forensics; Pi Delta Epsilon for Publications; Phi Mu Alpha and Delta Omicron for Music; Sigma Delta Pi for the Spanish Language; Psi Chi for Psychology; Orchesis for Interpretative Dancing; Masquers and University Players for Dramatics, Pi Sigma Alpha for Political Science, and the "D" Association for Intercollegiate Athletics.

PRIZES

THE LEWIS LITERARY PRIZE CONTEST. These prizes were given to the Franklin and Calliopean literary societies by Mr. Charles T. Lewis, former president of the Board of Trustees, and are now continued by his son, Howard Lewis of the class of 1900. During recent years the prizes have been given for excellence in extempore speech. Competition is open to men students. Four prizes totaling \$100 are available.

THE SAMSON TALBOT BIBLE READING CONTEST. This is an endowed prize for the best reading of Scripture and is open to seniors and juniors. The prizes are \$25 and \$12.50.

DENISON UNIVERSITY RESEARCH FOUNDATION PRIZE. The Research Foundation annually offers a prize of \$100 to the writer of the best thesis submitted by a candidate for a degree with honors. The award is made by a committee of three, the Dean of the College acting as chairman, from the theses presented by the head of each department as the best piece of research in that department.

THE WOODLAND PRIZES IN CHEMISTRY. J. Ernest Woodland, '91, bequeathed to the University, in honor of his father, William Henry Woodland, the sum of \$5,000 for the establishment of two prizes. They are awarded annually as follows:

One hundred and fifty dollars to the student, in full and regular standing in any course leading to the degree of bachelor or arts or science, who shall prepare under the direction of the head of the

Chemistry Department of Denison University, and present at the end of his or her junior year, the best original thesis on some phase of chemistry in its relation to industrial or everyday life.

Fifty dollars to the student submitting the second best thesis under the same rules as above.

The purpose of these prizes is to stimulate a wholesome interest in the practical applications of the science of chemistry. Students interested in competing for this prize may confer with the head of the Department of Chemistry.

THE FRESHMAN CHEMISTRY PRIZE. A prize offered by the Denison Chemical Society to the student making the best record in Chemistry 111-112.

RAY SANFORD STOUT ENGLISH PRIZES. Mr. Henry S. Stout of Dayton offers in memory of his mother a first prize of \$20 and a second prize of \$10 for excellence in short story writing. Manuscripts should be submitted to the Department of English.

SENIOR RESEARCH PRIZE IN ECONOMICS. A prize of \$50 is awarded annually to the student enrolled in Economics 414 who shall prepare the best original thesis dealing with a significant problem in Economics, approved by the head of the department. The decision will be made by judges outside the department.

CHI OMEGA SOCIOLOGY PRIZE. The Delta Gamma Chapter of Chi Omega offers a prize of \$25 to the senior woman student who has the highest scholastic standing in the Department of Sociology.

THE ANNIE M. MACNEILL POETRY PRIZES. Two prizes are awarded: (1) To the student who has attained a high standing in the study of English and who in the judgment of the Department of English is the most proficient in the writing of poetry; (2) To the junior or senior student who ranks highest in the course devoted to the study of Robert Browning's poetry. The annual income of \$1,000 is used for each prize.

THE SIGMA DELTA PI MEDALS FOR EXCELLENCE IN SPANISH. The Denison Chapter of the National Honorary Spanish Society awards two medals to be given to the two students with the best record in elementary Spanish and one medal for excellence in second year Spanish. These medals are the official awards of the American Association of Teachers of Spanish and Portuguese and are offered through the cooperation of the Association.

THE LOUIS KUSSMAUL FRIENDSHIP AWARD. Offered by Harry W. Amos, Class of 1899, of Cambridge in honor of Louis Kussmaul, a prize of \$50 to be awarded annually to the student who in the judgment of both the President of the Greater Granville Association, Inc., and the President of Denison University has contributed most to the friendly relations between the town and the college.

THE EBAUGH AWARD. A membership in the American Chemical Society to encourage post-graduate study is awarded to the outstanding member of the senior class who is majoring in Chemistry. The award is given by graduates of the Department of Chemistry to honor William Clarence Ebaugh, professor emeritus of chemistry and former chairman of the department.

THE CLARA HUDSON KING MEMORIAL AWARD. This award offered by Horace King, professor of art, in honor of his mother, is given during the Annual Spring Art Exhibit to the outstanding member of the senior class who is majoring in Art.

THE PLAN OF STUDY

Denison offers a plan of study designed to give the student a broad general knowledge essential to a liberal education, and more specialized knowledge and skill in a field of particular personal and vocational interest.

This plan allows the student a wide range of choice under the guidance of teachers and administrative personnel. (See Counseling page 45.)

The regular undergraduate plan of study extends through four academic years and leads to a bachelor's degree. Students who satisfy the following requirements will receive the degree, *Bachelor of Arts*, except that students who major in one of the natural sciences, (astronomy, biological science, chemistry, geography and geology, mathematics, psychology or physics) may, if they wish, receive the degree, *Bachelor of Science*. To secure either of these degrees the student must at present satisfy the following conditions:

1. He must earn (under normal registration at Denison for eight semesters), from 126 to 130 credits, depending upon his requirements in physical education. This total must include credit in *Physical Education* (see section 1 below) and *Chapel* (see section 2 below), and 120 credits in the *Group Requirements* or the *Core Courses* (see section 3 below), the *Field of Concentration* (see section 4), and *Elective Courses* (see section 7).
2. He must pass a *comprehensive examination* in his field of concentration (see section 5).
3. He must show proficiency in English (see section 6).
4. His work must conform to certain scholastic requirements (see section 8).

I. PHYSICAL EDUCATION

Physical Education (a) women: one credit each semester in the freshman and the sophomore years (see page 103); (b) men: one credit each semester in the freshman year and, unless waived for proficiency, in the sophomore and junior years (see page 100). Students who for reasons of health are excused from the normal requirements in physical education must earn an equivalent amount of credit in other courses.

2. CHAPEL

Students are expected to attend chapel service. Attendance at 75 per cent of the services each semester earns one-half credit. Students who for any reason fail to earn credit for chapel attendance for each semester in attendance at Denison must earn an equivalent amount of credit in elective courses.

3. GROUP OR CORE COURSE REQUIREMENTS

Freshmen registering at Denison in September, 1949, will be required to study the Core Courses in General Education described below. Upperclass students, whether formerly enrolled or transferring to Denison in 1949, will have the option of meeting graduation requirements in general or distributed education either by earning credit in groups A, B, C, and D listed below, or by earning credit in the new courses.

They may meet the general or distributed graduation requirements as follows:

- (1) Either 12 hours in Group A (Language and Literature, in addition to 6 hours in Freshman English and including not more than 3 hours in Speech), *or* credit in core course requirements in Composition, Forms of Literature, and Language and Literature, described below.
- (2) 12 hours in Group B (Social Studies), *or* core course requirements in History of Civilization, Modern Social and Economic Principles, and Basic Philosophic and Religious Ideas.
- (3) 14 hours in Group C, (Natural Science and Mathematics, including a year of laboratory science), *or* core course requirements in Mathematics or Reflective Thinking and Principles of Science.
- (4) 3 hours in Group D (Fine Arts), *or* core course requirements in Forms of Fine Arts.

Subjects included in the older group plan are listed in section 9. The new plan of General Education is described in section 10 and given in detail on pages 60-63.

4. FIELD OF CONCENTRATION

Students who wish to specialize in a particular field will be expected to do from twenty-four to thirty-six semester-hours of acceptable work (A, B or C grades) in the department concerned.

For those who wish to concentrate in a general field, rather than in one department, a minimum of thirty-six semester-hours (A, B or C grades) shall be taken from two or three closely related departments, with not less than fifteen semester hours, ordinarily in sequence, in one of these departments. (See also the transdepartmental fields described on page 64. Students who wish to avail themselves of the privilege of concentrating in a general field must make the choice of this field not later than the beginning of the junior year.

The head of the department concerned shall be the Adviser of those students whose field of concentration is within one department. An appropriate faculty representative who will outline a suitable sequence of courses will be appointed for each student whose field of concentration crosses departmental lines. Such appointments will be made by the Dean of the College in consultation with the heads of the departments concerned.

Students are urged to make definite choice of a major field of concentration before entering the junior year. If a student decides to change his major during his junior year he may be required to take an extra semester to meet graduation requirements. Any student who changes his major during his senior year will ordinarily be required to take at least one extra semester to meet graduation requirements.

5. COMPREHENSIVE EXAMINATION

Merely passing a certain number of courses, no matter how carefully they may have been integrated, is not sufficient evidence that the purposes of four years of study have been realized. A final comprehensive examination is necessary to judge the ability of a student to correlate his knowledge for effective use. Consequently, toward the end of his senior year, the student shall take an examination covering all his work in his field of concentration. This may be accompanied, at the discretion of the department or departments concerned, by a recital, thesis, project, or an oral conference. These examinations must be passed if the student is to be graduated.

The comprehensive examination will be arranged by the Adviser with whom the student worked out his pattern of studies. This Adviser shall be responsible for arranging the general nature and content of the examination, in consultation with other teachers involved.

6. ENGLISH REQUIREMENT

No student will be graduated who fails to demonstrate the ability to express himself satisfactorily in written composition. A student shown to be deficient in English (either by a grade lower than C in 10a or in practice as reported by two or more teachers) shall be referred to the Committee on English Usage and be notified that before graduation he will be required to satisfy the committee that he has met the required standard.

7. ELECTIVE COURSES

The remainder of a student's college course shall be devoted to elective courses of study, so as to bring the total number of semester-hours up to minimum requirements. For student and adviser the constant aim in choosing such courses shall be to develop a well-rounded and balanced personality. Lack of acquaintance with a particular subject or field constitutes a strong reason for undertaking rather than avoiding its study.

8. SCHOLASTIC REQUIREMENTS

All credits to be counted in the field of concentration must be C grade or better. By the close of the semester previous to graduation, the candidate for a degree must have earned at least one hundred ten semester hours' credit at graduating rate, and must have paid all university bills.

The student's class work is graded as follows, with the accompanying point value for each grade:

A	<i>Excellent</i>	Earns 4 points for each hour of credit.
B	<i>Good</i>	Earns 3 points for each hour of credit.
C	<i>Fair</i>	Earns 2 points for each hour of credit.
D	<i>Passing</i>	Earns 1 point for each hour of credit.

I *Incomplete*. This grade is given when a student is justly entitled to an extension of time for the completion of his course upon recommendation of the instructor and approval of the Dean of the College. Such a grade may be changed to any one of the five other grades listed when reported by the instructor. *An Incomplete must be removed not later than the middle of the next semester in residence.*

F *Failure*. No credit is given unless the course is repeated in class and satisfactorily completed.

For graduation, students must present one hundred twenty semester-hours of credit plus a half-hour of credit, ordinarily earned in chapel attendance, for each semester they are enrolled at Denison and the required credit in physical education; and their cumulative grade average must be at least C. This is interpreted to mean that the entire cumulative record, considering all hours attempted whether passed, repeated, incomplete, deducted or failed, must show an average of at least two quality points for each hour of credit attempted.

A student whose cumulative grade average (as defined above) at the end of any semester is below C is placed on probation. He may continue during the next semester on probation with a limited schedule to be determined by the Registration Committee and the student's adviser. *During this semester he must make at least C average or, at its close, discontinue his registration.* He will remain on probation until his cumulative grade average is again at least C.

After the lapse of at least one semester, a student dropped for low scholastic standing may present a petition for readmission to be considered by the Registration Committee. Favorable action by the Committee can be expected only when the student presents evidence of having made successful efforts during his absence to improve his standing.

9. GROUP REQUIREMENTS

These requirements are being gradually superseded by the new plan described in section 10.

A	B
<i>Language and Literature</i>	<i>Social Studies</i>
English (except 111-112)	Economics
Classics	Education
Greek	Family Life
Latin	Geography 230, 232
Modern Foreign Languages	Government
French	History
German	Philosophy
Italian	Psychology
Portuguese	Religion
Spanish	Sociology
Speech	

C

*Natural Science and
Mathematics*

Astronomy
Biology
Chemistry
Geography 221, 226
Geology
Mathematics
Physics

D

The Arts
Art
Music
Theatre Arts

For all students the *minimum requirements* are A—*twelve hours in Language and Literature* with the understanding that not more than three hours in *Speech* may be included. (Students who contemplate graduate study are reminded that they are expected to develop a reading knowledge of at least one modern foreign language, and that graduate schools usually require two foreign languages for advanced degrees); B—*twelve hours in Social Studies*, not all of which may be taken in one department; C—*fourteen hours in Natural Science and Mathematics*, not all in one department and including a one-year laboratory course in a science (students who qualify for teaching certificate are permitted to meet Group C requirements in one department); and D—*three hours in the Arts*.

10. THE NEW PLAN OF GENERAL EDUCATION

This plan is being introduced gradually. Many of the new courses were begun in September, 1947, on an optional basis. Freshmen entering in 1949 will be required to follow this plan. (For details see pp. 60-63.)

Except as noted under the description of certain of the courses on pages 60-63, a student who shows proficiency in the fields treated in any of the core courses, after examination and on recommendation of the director of the course, may waive the requirements of the course in which he is proficient.

Except as noted under the description of certain of the courses on pages 60-63, students majoring in any of the fields treated by one of the core courses may, at the discretion of his department head, substitute for the related core course an introductory course in each field treated by a core course.

In a core course which extends through two semesters, the first semester shall be prerequisite to the second, the second semester shall be taken in the semester immediately following the first semester, and credit for the first semester shall be withheld until the second semester is satisfactorily completed.

TEACHING CERTIFICATE

Any qualified student may secure a teaching certificate providing he obtains at least fifteen semester-hours of credit in three teaching areas and completes twenty-four semester hours of professional education including both General and Educational Psychology. For certification in special areas, as Music, Physical Education, and Art, consult the heads of the respective departments and the head of the Department of Education.

SPECIAL STUDIES FOR SUPERIOR STUDENTS

In addition to honors studies which may be undertaken by superior students in the senior year (see page 46), outstanding students in the junior and senior years may arrange with a teacher and the Dean of the College to register for special directed-study courses. These courses are planned to permit study of a subject of particular interest to the student that is not treated extensively in a regular course.

COMBINED ARTS-PROFESSIONAL COURSES

Students who can afford the best possible preparation for professional careers will normally complete their undergraduate work in the regular way, and enter upon their professional training after having received the B.A. or B.S. degree. In many fields this is required; in others professional studies are open to students who have not completed the full undergraduate course.

To accommodate students who, for good reason, desire to shorten the time required to secure a professional degree, Denison awards the bachelor's degree under certain conditions upon the successful completion of the first year in a recognized school of engineering, law, or medicine. To qualify for this privilege a student must successfully complete all the specified requirements for graduation at Denison with a total credit of *ninety-six semester-hours at the graduating rate of two points an hour or better*. He must also successfully complete all the specified requirements for admission to a school of engineering, law, or medicine approved by the Denison faculty. Students who meet these requirements become candidates for the Denison degree *in absentia*.

On the basis of three years of work at Denison, and two years at an approved college of engineering, the successful candidate will receive a Denison degree and a degree in engineering. Similarly, a student interested in law may earn a Denison degree and a degree in law in six years; in medicine in seven years.

Students should realize, however, that under present conditions of admission to professional schools, particularly medical schools, a candidate who has earned a bachelor's degree has a decided advantage; and that admission after only three years of undergraduate courses requires an outstanding record.

WASHINGTON SEMESTER PLAN

In order to bring superior students from a limited number of colleges into contact with the source materials and governmental institutions existing in the nation's capital, an agreement has been concluded for this purpose between Denison and other colleges and the American University in Washington, D.C. Under this agreement select students from the participating colleges are to spend the first semester of their junior year (or other semester by special arrangement) at the School of Social Sciences and Public Affairs of the American University, receiving credit toward a degree in their home institutions. The work is to be carried on in Washington under the direction of a coordinator of the Washington Semester appointed from the faculty of the American University, and a visiting lecturer appointed each year in turn by the participating colleges. The Washington Semester study includes three regular courses at the School of Social Sciences and Public Affairs of the American University, a seminar and a directed, independent investigation on a subject of particular interest to the student involved. Students participating in this plan continue their normal arrangements for payment of tuition and room at the home college, these items being provided at the American University by inter-institutional arrangement. Travel expenses, board, and incidentals while in Washington are paid directly by the student. Those desiring to apply for the Washington Semester should consult the Dean of the College.

DEGREES IN MUSIC

BACHELOR OF MUSIC

The regular undergraduate plan of study extends through four academic years and leads to the degree of *Bachelor of Music*. To secure the *Mus. B.* degree the student must satisfy the following conditions:

I. SPECIFIED REQUIREMENTS.

English and Physical Education (See pages 50-51).

II. FIELD OF CONCENTRATION (*Thirty hours required of all students*).

Fundamental Musicianship, Advanced Musicianship, History of Music, and Form and Analysis.

1. REQUIREMENTS FOR A MAJOR IN PUBLIC SCHOOL MUSIC (in addition to I and II):

- (a) Ten semester hours in Conducting, Orchestration, Instrumental classes or Ensemble Music (Introduction to Music Education (Education 213) may be included here).
- (b) Twenty-four hours in Applied Music, which may include Instrumental classes and Ensemble Music, provided these are not used to satisfy (a) above.
- (c) A minimum of twenty-four hours in Education and Psychology: Education 211, 321, 412, and Psychology 211 for a total of 12 hours; Music Education Courses 213, 315, 316 and 413 for a minimum of six hours; and Education 415-416 (Student Teaching) six hours.
- (d) Electives in other academic subjects, twenty-six hours to complete the required total of one hundred twenty-four hours. (Chapel credit required. See page 51.)

2. REQUIREMENTS FOR A MAJOR IN APPLIED MUSIC (In addition to I and II above).

- (a) Ten semester hours in Counterpoint, Composition or additional music courses.
- (b) Forty-eight hours in Applied Music.
- (c) Electives in other academic subjects, twenty-six hours to complete the required total of one hundred twenty-four hours. (Chapel credit required. See page 51.)

Core Course requirements (see page 51) are waived because of the greater concentration in music; however, students are advised to distribute their electives among them.

BACHELOR OF ARTS WITH MUSIC MAJOR

The following courses are required: Music 111-112, 121-122, 201, 202, 211-212, 221-222, 311-312, and twelve hours in Applied Music. Courses from other academic departments complete the requirements

for the degree. Students planning to teach in the public schools are required to take Music 304 and may include instrumental class instruction in their Applied Music. For such students courses in Education and Methods are included among the academic subjects.

DIPLOMAS IN PERFORMANCE

Diplomas in Applied Music are granted to those, fulfilling the requirements as outlined for a degree in music, who, upon recommendation of the Conservatory faculty, present a public recital in their senior year.

CORE COURSES

HEALTH AND PHYSICAL EDUCATION

HEALTH EDUCATION 1-2

2

(To be taken in the freshman year, both semesters.) A course in personal and community hygiene integrated with Physical Education 111-112.

COMPOSITION

WRITTEN COMPOSITION 10 a

Miss Shannon, Director; and Staff. 3

(To be taken in the freshman year, first semester.) Students registered in this course will be sectioned according to ability, and remedial work will be emphasized to meet the needs of individual students. Students who show proficiency in English composition after examination and on recommendation of the director of this course, will be allowed to substitute a course in advanced composition or creative writing.

Drill in grammar and the fundamentals of composition, and the writing of short themes and one long research paper.

ORAL COMPOSITION 10 b or 10 c or 10 d

Each 3

(To be taken in the freshman, sophomore or junior year, either semester.) Students with serious speech defects will receive special treatment and will be required either to take an extra hour a week of remedial work concurrently with this course, or to earn credit in a course in corrective speech as a prerequisite to this course.

10 b (Elements of Speech)

Mr. Crocker, Acting Director; Mr. Robbins. 3

Introduction to the fields of speech activity; interpretation, debating, public speaking, acting. Students will be expected to give fifteen minutes a week for personal conferences.

10 c (Oral Reading)

Mr. Crocker, Acting Director. 3

(Not open for credit to students who have received credit in Core Course 10 d.) A course designed to aid in the development of adequate intellectual and emotional responsiveness to the meaning of the printed page.

10 d (Dramatic Interpretation) Mr. E. A. Wright, Acting Director; Mr. Brasmer. 3

(Not open for credit to students who have received credit in Core Course 10 c.) Intensive work on individual voice and diction problems and the dramatic interpretation of the intellectual and emotional content of the best literature in essays, narratives (stories and dialects), dramas, and poetry.

HISTORY OF CIVILIZATION

HISTORY OF CIVILIZATION 21-22 Mr. Southgate, Director; and Staff. 8

(To be taken in either the freshman or the sophomore year, both semesters.) An investigation of the origins and development of Western culture and institutions.

FORMS OF ART

FORMS OF LITERATURE 30 Miss Shannon, Director; and Staff. 3

(To be taken in the freshman year, second semester.) A course in the forms of literature with examples selected from great literature, ancient and modern.

FORMS OF FINE ARTS 31-32-33 Mr. Eschman, Director; Mr. H. King, Mr. E. A. Wright. 6

(To be taken in the freshman, sophomore or junior year for three semesters (2 credits each). A course in the introduction to the forms of the fine arts (Music, Art, Theatre Arts). Any student who shows proficiency in one or more of the areas included in this course after examination and on recommendation of the professors concerned may waive the part or parts of the course in which he is proficient.

FORMS OF THINKING

MATHEMATICS 40 a Mr. Rupp, Director; and Staff. 4

(To be taken in either the freshman or sophomore year, either semester.) An integrated course in which basic concepts in algebra, trigonometry, analytic geometry and the calculus are introduced. Students who excel in mathematics and those who plan to major in this subject, or in a field related to it, should substitute for this course the five-credit course, Mathematics 121.

OR

REFLECTIVE THINKING 40 b Mr. Hepp, Director. 4

(To be taken in either the freshman or sophomore year, either semester.) The principles and problems of clear and accurate thought, including analysis of meaning, logical structure, and factual inquiry, with emphasis on scientific thinking.

PRINCIPLES OF SCIENCE

PRINCIPLES OF ORGANIC BEHAVIOR 51-52

8

(Two lectures and two laboratory sessions each week, to be taken in either the freshman or sophomore year, both semesters.) A course involving laboratory experience and demonstrations of the chief principles of organic development and behavior, sub-human and human, with emphasis upon scientific method and effective human living.

or

PRINCIPLES OF PHYSICAL SCIENCE 53-54

Mr. Collins, Director. 8

(Three lectures and one laboratory session each week, to be taken in either the freshman or sophomore year, both semesters.) An integrated course involving laboratory experience and demonstrations in mathematics, physics, astronomy, geology, and chemistry. Students who expect to major in a physical science may, by arrangement with the director of the course and the department head concerned, take this course for reduced credit. These students must, however, pass the examination on the entire course.

(Students who choose to take courses 51-52 and 53-54 are not required to take either course 40 a or 40 b.)

LANGUAGE AND LITERATURE

LANGUAGE AND LITERATURE

6-16

(To be taken in the freshman, sophomore or junior year.) To complete this requirement students may elect courses for which they are qualified in (a) the department of modern languages or the department of classical languages, or (b) courses regularly offered in literature in English.

- (a) Students who elect the foreign language option must demonstrate before graduation an ability to read one of the following: French, German, Greek, Italian, Latin, Portuguese, and Spanish. The ability to read a foreign language is defined as the ability to pronounce intelligibly and to translate several passages of moderately difficult prose into good English at sight. This degree of proficiency will ordinarily be acquired by students who have had three or four years of one language in a secondary school or two years in college, and such students are encouraged to take a test for proficiency. Students who have had less training are eligible to take the test if they choose to do so. Exceptional candidates, following private study of a language, may be admitted to the

qualifying examination without having pursued formal classroom study of the language either on the secondary school or college level. Achievement tests are regularly given at the opening of college in the fall and at the end of each semester. Students who have studied a foreign language for two years in secondary school or in the freshman college year may satisfy the requirement by taking a six-credit second year course and passing the examination thereon.

- (b) Students who elect to meet this requirement by studying literature in English must study a survey of English literature (English 211-212) 6 credits, or a survey of American literature (English 231-232) 6 credits, and three additional hours of literature in English offered in either the English or a foreign language department. Students who show proficiency in the work covered in the survey of English literature or the survey of American literature by successfully passing an examination administered by the Department of English, will be allowed to waive the corresponding part of this requirement.

MODERN SOCIAL AND ECONOMIC PRINCIPLES

MODERN SOCIAL AND ECONOMIC PRINCIPLES 71-72

Mr. Underwood, Director. 6

(To be taken in the sophomore or junior year, both semesters.)

A study of the principles of modern economics and sociology and of contemporary social and economic issues, with an introduction to scientific method in the field of human relations.

BASIC PHILOSOPHIC AND RELIGIOUS IDEAS

BASIC PHILOSOPHIC AND RELIGIOUS IDEAS 81-82

Mr. Holloway, Director. 4

(To be taken in either the junior or senior year, both semesters, with all other core course requirements as prerequisites.) A study of some basic ideas and ideals in contemporary civilization, in the light of our cultural heritage and the requirements of an adequate philosophy of life.

Candidates for teaching certificates are required to meet the above general requirements for graduation unless and until the Department of Education recommends the need of modification of these requirements which are not now foreseen but may be necessary for candidates for certificates in special areas. See Teaching Certificate page 56.

DEPARTMENTAL COURSES

EXPLANATION

COURSE NUMBER. The departments of instruction are presented in alphabetical order. Courses offered are listed with the descriptive title and semester-hours of credit. Courses numbered 100-199 are intended primarily for freshmen; 200-299, for sophomores; 300-399, for juniors; and 400-499, for seniors. Odd-numbered courses are given in the first semester and the even-numbered ones in the second semester unless otherwise indicated.

COURSES OFFERED. The University plans to offer the courses listed below but reserves the right to withdraw those of interest to only a few students. Such withdrawals may be necessary in the interest of efficient teaching arrangements.

KINDS OF MAJORS. Some courses involve a study of subjects relating to more than one department. These are listed below as transdepartmental courses. Transdepartmental majors are also offered and differ from Departmental majors in that the field of concentration involves courses from more than one department. Transdepartmental majors described below require the study of related subjects in several departments. Arrangements for additional transdepartmental majors may be made with the Dean of the College in keeping with provisions outlined on page 52. Requirements for a major in a single department are stated in the following pages under each department.

TRANSDEPARTMENTAL MAJORS

MAJOR IN CITIZENSHIP. Students interested in social welfare work, some forms of government service, or the Christian ministry, and capable students who do not wish to specialize in one field but prefer a broad basis for intelligent citizenship may choose a major in Citizenship. Approximately 50 hours are required in a sequence of related courses in the Departments of Economics, History and Government, Philosophy, Psychology, and Sociology. Citizenship majors are required to earn credits in Problems of Peace 300, and may elect additional related courses. Interested students should consult Dean Richards who will act as Adviser.

MAJOR IN PERSONNEL ADMINISTRATION. Students interested in personnel work in industry may choose this major which involves approximately fifty hours of work in related subjects offered in the Departments of Psychology, Economics, History and Government, and Sociology. Students interested in the personnel field should consult with Mr. Gordon of the Department of Economics who will act as Adviser.

TRANSDPARTMENTAL COURSES

BIOGRAPHY 201

Mr. Dean. 3

The study of a carefully selected list of great personalities representing different periods, countries, and types of careers.

PROBLEMS OF PEACE 300

Mr. Richards, Chairman; and Staff. 1-3

(For juniors and seniors). A study of problems of current international interest involving discussions led by professors of economics, geography, government, history, philosophy, and religion. Meets Tuesdays in the first semester at 8 to 9:45 P.M. for one credit. Extra classes may be arranged for two additional credits.

ART

Mr. Horace King, Chairman; Mr. Dean, Miss Lee, Miss Fleck

The courses are arranged in sequences to meet the needs of students interested in studio work and those desirous of specializing in non-studio courses, such as the History of Art.

Art majors who expect to begin preparation for the professional fields of painting, design, teaching, architecture, advertising, and industrial design should begin with the elementary course, 111-112, then consult with the head of the department for a proper sequence of courses in advanced study.

The required sequence for all Art majors is as follows: 111-112, 205, 206, and 311-312.

Core Course 31-32-33 serves as an introduction to art appreciation but does not count toward credit for a major in Art.

102. PROBLEMS OF CRITICISM

Mr. King. 3

Brief survey of criticism followed by practical problems in writing critical analyses of selected art forms.

- 103-104. ELEMENTS OF ART Mr. King, Miss Fleck. 3
 (For non-majors) A series of studio projects in drawing, design, and painting.
- 111-112. BASIC PROBLEMS IN ART STRUCTURE Miss Lee. 4
 Studio projects in drawing and design; open to students of marked creative ability who expect to major in Art.
121. TECHNICAL PROBLEMS IN ART Mr. King. 2
 Spring vacation field trip to museums, galleries, and other art centers, preceded by study of collections and followed by written reports. Prerequisite, consent of instructor.
150. HOME PLANNING Mr. King. 2
 Survey of essential problems in designing, constructing, decorating, and financing the home.
- 205-206. HISTORY OF ART Mr. Dean. 3
 General survey of the Arts of the Western World. First semester. Ancient and Medieval; second semester, Renaissance and Modern.
- 221-222. MAJOR TECHNICAL PROBLEMS Mr. King, Miss Lee. 2-3
 a. Commercial Art, b. Figure Composition, c. Home Planning and Decoration, d. Scene Design, e. Easel and Mural Painting, f. Sculpture.
305. HISTORY OF CLASSIC ART Mr. Dean. 3
 Prerequisite, 205, or consent of instructor.
306. HISTORY OF MEDIEVAL ART Mr. Dean. 3
 Prerequisite, 205-206.
- 311-312. PAINTING Miss Lee. 3
 Problems in the organization and execution of pictorial units from still life, landscape, and the costumed model. Prerequisite, 112.
- 321-322. MAJOR TECHNICAL PROBLEMS Mr. King, Miss Lee. 2-3
 Further study of one or more of the problems in 221-222.
405. HISTORY OF RENAISSANCE ART Mr. Dean. 3
 Prerequisite, 205-206.
406. HISTORY OF MODERN ART Mr. King. 3
 Prerequisite, 205-206.

- 411-412. ADVANCED PAINTING Mr. King, Miss Lee. 3
Prerequisite, 312, and consent of instructor.
- 421-422. MAJOR TECHNICAL PROBLEMS Mr. King, Miss Lee. 2-3
Continuation of 321-322.
- METHODS OF PUBLIC SCHOOL ART (See Education 341)

ASTRONOMY

Mr. Leon Smith, Acting Chairman; Mr. Wheeler

Requirements for a major in Astronomy are 24 hours' credit in the courses listed below including the Calculus and Physics 111, 112, 333, and 334.

Astronomy 111 and 112 are intended primarily for those who desire an elementary acquaintance with the physical universe. Those who wish a four-hour laboratory course may elect Astronomy 113 and 114 in combination with 111 and 112.

111. DESCRIPTIVE ASTRONOMY Mr. Wheeler. 3
The Solar System—constellation study; motions of the earth and moon; measurement of latitude, longitude, and time; planets, comets, meteors. (No previous training in Physics or College Mathematics required.)
112. DESCRIPTIVE ASTRONOMY Mr. Wheeler. 3
The Galactic System—the sun as a star; distances, motions, luminosities of the stars; the Milky Way system, or Galaxy; other galaxies. Astronomy 111 is desirable but not prerequisite.
113. LABORATORY ASTRONOMY Mr. Wheeler. 1
Devoted principally to problems intended to clarify the lecture material of Astronomy 111. May be taken only in combination with Astronomy 111. (Evening to be arranged.)
114. LABORATORY ASTRONOMY Mr. Wheeler. 1
A continuation of Astronomy 113, paralleling Astronomy 112. (Evening to be arranged.)

121-122. AIR NAVIGATION	2
211-212. PRACTICAL ASTRONOMY Prerequisite, 111-112.	4
215. STELLAR ASTRONOMY Prerequisite, 111-112, and consent of instructor.	3
218. THEORY AND PRACTICE OF OBSERVATION Prerequisite, 113-114 and consent of instructor.	Arr.
221-222. SEMINAR Prerequisite, consent of instructor.	Arr.
411. CELESTIAL MECHANICS Prerequisite, the Calculus.	3
414. ASTROPHYSICS Prerequisite, consent of instructor.	3

BIOLOGICAL SCIENCES

Mr. Lindsey, Chairman; Mr. Morgan, Mr. Truman, Mr. Archibald

Courses 111-112, 115-116, 201-202, and 225-226 offer subject matter of general interest. 111-112 meets the entrance requirement of medical colleges as a minimum; 211 and 212 are recommended by all medical colleges in addition, and 224 is recommended by all and required by a few. A major must include 111-112 or an acceptable equivalent, with advanced courses related to the student's principal interest. A major for pre-medical students is usually made up of 111-112, 211-212, 223, and 224.

Medical schools require a medical aptitude test in the senior year of undergraduate college work. Fee \$10 payable to the test administrator.

111-112. INTRODUCTORY BIOLOGY Staff. 3 or 4

General biological principles and animal life, with a limited amount of plant study. One laboratory period a week supplements the class work of all students and an additional laboratory exercise, for a total of four hours' credit, is required of major and pre-medical students; this exercise is not open to others.

- 113-114. FIELD BIOLOGY 2-3
The local plants and animals based chiefly on the material collected by the student.
- 115-116. GENERAL BOTANY Mr. Truman. 3
The structure and activities of plants in relation to the environment, principles of reproduction and inheritance, identification of common trees and weeds, and a survey of great plant groups.
120. LOCAL FLORA Mr. Truman. 3
A study of taxonomy based on the plants of the region.
- 201-202. ANATOMY AND PHYSIOLOGY Mr. Morgan. 2
The normal structure and functions of the human body.
211. COMPARATIVE ANATOMY Mr. Morgan. 4
A study of the phylum Chordata based chiefly on anatomical relations with brief consideration of classification and habits. Laboratory work is chiefly detailed dissection and comparative study of the primitive chordates, the shark, *Necturus*, and the cat. Prerequisite, 111-112.
212. MAMMALIAN ANATOMY Mr. Morgan. 4
The anatomy of mammals based on the cat, with human material for comparison. This course usually follows 211 but may be taken separately. Prerequisite, 111-112.
215. BACTERIOLOGY Mr. Truman. 5
An introductory course emphasizing the practical work of the laboratory in culturing and identifying micro-organisms. Prerequisite, 111-112 or 115-116.
218. PLANT MORPHOLOGY Mr. Truman. 4
A comparative study of the structure and life cycles of the major plant groups with reference to their evolutionary relationships.
223. HISTOLOGY Mr. Lindsey. 5
The minute anatomy of vertebrates, chiefly mammals, including the making of microscope preparations. Prerequisite, 111-112.
224. EMBRYOLOGY Mr. Lindsey. 5
The development of the vertebrate body, based on the study of the frog, chick, and pig. (Usually follows 223 but may be taken separately.) Prerequisite, 111-112.

- 225-226. EVOLUTION AND GENETICS Mr. Lindsey. 2
 (Both semesters required for credit) The relation of living things, including the origin of existing organisms, theories of organic evolution, and the processes of heredity. (Upperclassmen with high scholastic standing are admitted without prerequisite on approval of the instructor.) Prerequisite, 111-112.
- 227-228. ENTOMOLOGY Mr. Lindsey. 3
 (Offered only by special arrangement) Introductory study of insects.

CHEMISTRY

Mr. Ronneberg, Chairman; Mr. Everhart, Mr. Fetters, Mr. Mercer

Students specializing in Chemistry are advised to take courses 111-112, 213-214, 323-324, and four additional hours in 300- or 400-chemistry courses. Students majoring in chemistry and who plan to do graduate work are strongly urged to include 411-412. Courses 111-112 and 323-324 meet the entrance requirements of medical schools as a minimum, while 213-214 are considered highly desirable by many and required by some medical schools. A deposit of \$5 for breakage and non-returnable supplies will be required in all courses, except 311-312 and 413-414.

- 109-110. CHEMISTRY OF THE HOME AND COMMUNITY Mr. Mercer. 3
 (For women) An introductory course in Chemistry with practical applications to Home Economics and allied fields.

- 111-112. GENERAL CHEMISTRY INCLUDING QUALITATIVE ANALYSIS Staff. 4

The fundamental principles of modern chemistry including qualitative analysis. (It is recommended that a student have completed a high school course in Physics or Chemistry as a preparation for this course.)

213. ELEMENTARY PHYSICAL CHEMISTRY Mr. Everhart. 4
 Further emphasis on the fundamental principles of chemistry including structure, properties of solutions, and equilibrium. Prerequisite, 112.

214. QUANTITATIVE ANALYSIS Mr. Ronneberg. 4
 Gravimetric, volumetric, and electrometric methods of analysis; drill in calculations and fundamental theories. Prerequisite, 213.

- 311-312. CHEMISTRY OF INDUSTRY AND BUSINESS Staff. 2
The study of chemically significant processes and products, both organic and inorganic. Designed especially for Science and Engineering majors with at least junior standing. Prerequisite, 214 and registration credit in 323.
- 313-314. ADVANCED QUANTITATIVE ANALYSIS Mr. Ronneberg. 2
Metallurgical analysis, water, gas, foodstuffs, technical analysis for specific industries. Prerequisite, 214 and 324.
- 321-322. CHEMICAL INVESTIGATIONS Staff. 2
Laboratory studies on research problems dealing with some phase of its application to industrial or everyday life. (Results obtained in this course may be used in judging winners in the Woodland Chemistry Prize contests. See page 47. This course may also be used as a project for honors in the Department of Chemistry.)
- 323-324. ORGANIC CHEMISTRY Mr. Everhart, Mr. Fetters. 4
The chemistry of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, 112 and junior standing.
- 411-412. THEORETICAL CHEMISTRY Mr. Ronneberg. 4
Rigorous treatment of fundamental theories underlying the science of chemistry. Prerequisite, 214 and 224; Physics 112 and laboratory course; and Mathematics 215-216 or 221-222. Physics majors accepted on recommendation of their adviser.
- 413-414. HISTORY OF CHEMISTRY Mr. Everhart. 1
A seminar course.
- 415-416. LABORATORY Mr. Everhart. 1
Supplementary laboratory periods for 411-412, for students desiring advanced work.

CLASSICAL LANGUAGES

Mr. Dean, Chairman

A major in Classical Languages may be secured by completing 18 hours in language courses and six hours in other courses given by the instructor.

A major in Classical Civilization (with no requirements in the use of Greek or Latin languages) may be secured by completing 24 hours from the following courses: Greek 101, 201, 203, 204; Latin 104, 206; Art 205, 305; Philosophy 331; Religion 111, and Education 216.

COURSES IN CLASSICAL CIVILIZATION

(These courses do not require use or study of Greek or Latin Languages.)

- GREEK 101. GREEK CIVILIZATION 2
 Topical study of the chief aspects of ancient Greek life and thought. (May be included in a History major; offered in 1949-50.)
- LATIN 104. ROMAN CIVILIZATION 2
 Structure of Roman customs and institutions as a legacy to the modern world. (Offered in 1949-50.)
- GREEK 201. GREEK DRAMA 2
 (Alternates with 203) Fifteen plays, tragedies, and comedies are read and discussed. (Offered in 1949-50.)
- GREEK 203. GREEK LITERATURE IN ENGLISH
 (Alternates with 201.) Cross-section of the varied forms of literary expression, exclusive of drama.
- GREEK 204. MYTHOLOGY-RELIGION 2
 A rapid survey of the principal myths and a study of their use in European and American Literature and Art. (Alternates with Latin 206; offered in 1949-50.)
- LATIN 206. LATIN LITERATURE IN ENGLISH 2
 Selections from the leading writers are read as a revelation of the Roman mind. (Alternates with Greek 204; offered in 1948-49.)

COURSES IN LANGUAGE

(Any of the following will be given, if demand warrants.)

GREEK

- 111-112. INTRODUCTION TO THE GREEK LANGUAGE 3
 Forms, grammar, and elementary reading. (Open to the students of all classes.)
- 211-212. GREEK NEW TESTAMENT 3
 First semester: one of the Gospels. Second semester: one of Paul's Epistles. Prerequisite, 111-112.

LATIN

101. SELECTIONS FROM CICERO 3
Prerequisite, two or three years of high school Latin.
102. VIRGIL 3
Selections from the first six books of the *Aeneid*. Prerequisite, three years of high school Latin.
- 111-112. SELECTIONS FROM LATIN LITERATURE 3
Principally comedies, lyric, elegiac and satiric poets. Prerequisite, four years of high school Latin.
211. LIVY AND OVID 3
History and mythology. Sight reading.
212. PLINY AND CICERO 3
Letters and Essays.
- 311-312. VIRGIL 3
A study of all the poems of Virgil.
- THE TEACHING OF LATIN (See Education 333)

ECONOMICS

Mr. Gordon, Chairman; Mrs. Kreps, Mr. Kreps, Mrs. Cowherd, Mr. Cook

Students wishing to concentrate in Economics may choose between a major in Economics and a major in Business.

MAJOR IN ECONOMICS

The major in Economics is designed for students who expect to pursue graduate study in Economics leading to a teaching or research career, for those who expect to enter government service, and for those who expect to enter business as economic consultants, advisers, statisticians, financial analysts or research directors.

Majors in Economics are required to take 211-212 and 223-224 and at least 12 hours chosen from the following courses: 313, 315, 317-318, 410, 413-414, 422, 431, and 440. They may take additional courses in the department up to a maximum of 36 hours and are urged to take at least 30 hours. They are also required to take the following related courses in their freshman year: Core Course 40 a, Mathematics 108, and History 121-122.

It is recommended that majors in Economics register for as many as possible of the following related courses (the minimum number of hours to be taken in this group is twenty-four): Geology 221, 226; Government 211, 212; Mathematics 205-206; Core Course 40 b; Philosophy 321, 326; Psychology 211, 319; Sociology 210, and Core Course 10 b or Speech 221. For those who contemplate graduate study or government service, modern foreign language is recommended.

MAJOR IN BUSINESS

A major in Business is designed for those who expect to engage in business and whose interests run more toward the study of applied economics.

Majors in Business are required to take 211-212, 223-224 and at least 12 hours chosen from the following courses: 313, 314, 315, 316, 317-318, 332, 419, and 440. They may take additional courses in the department up to a maximum of 36 hours and are urged to take at least 30 hours. They are also required to take Core Course 40 a and Mathematics 108 in the freshman year. It is recommended that they register for as many as possible of the following related courses (the minimum number of hours to be taken in this group is 24): Geology 221, 226; Government 211, 212, 231, 232; History 121-122; Mathematics 205-206; Philosophy 321, 326; Psychology 211, 319, and Speech 221 or Core Course 10 b.

Majors are urged to take 223 concurrently with 211, and 224 concurrently with 212.

211-212. PRINCIPLES AND PROBLEMS OF ECONOMICS

Mrs. Kreps, Mrs. Cowherd. 3

213-214. ELEMENTARY ECONOMICS

Mrs. Kreps. 3

A general economic survey for those not planning to major in Economics.

223-224. PRINCIPLES OF ACCOUNTING

Mr. Kreps, Mr. Cook. 3

Accounting fundamentals from defined concepts of costs and revenues to the preparation of balance sheets, profit and loss statements, and other summaries of accounting information of value to business management. Introduction to mercantile and manufacturing accounts and records and to net worth accounting for proprietorships, partnerships, and corporations.

313. PRINCIPLES OF TRANSPORTATION Mr. Cook. 3
The American system of railroad, highway, air, and inland water transportation. Valuation, rate making, public control, and related problems of common carriers. Prerequisite, 211-212 or 213-214.
314. PRINCIPLES OF MARKETING Mr. Cook. 3
Fundamentals of marketing, a study of the activities and agencies involved in marketing, and of the structure of markets, competitive practices, distribution policies, and pricing. Prerequisite, 211-212 or 213-214.
315. MONEY AND BANKING Mr. Kreps, Mrs. Cowherd. 3
Principles of money, credit, and banking, including a study of the institutions and financial organizations designed to supply society with adequate media of exchange. Development of American monetary and banking practices and policies. Prerequisite, 211-212 or 213-214 and 223-224.
316. CORPORATE ORGANIZATION AND FINANCE Mrs. Cowherd. 3
Principles underlying the promotion, organization, financial structure, control, failure, and reorganization of corporate enterprise. Prerequisite, 211-212 or 213-214 and 223-224.
- 317-318. LABOR ECONOMICS Mr. Gordon, Mrs. Cowherd. 2
Employer-employee relations, including problems of wages, employment, and conditions of work as they affect individuals and the national economy. The functions and activities of legislative, executive, judicial, and administrative branches of state and federal government in the cross currents of employer, employee, and consumer interests. Prerequisite, 211-212 or 213-214.
332. ECONOMICS FOR CONSUMERS Mr. Gordon. 3
An analysis and evaluation of consumers' role in the economy, followed by consideration of forces affecting consumer demand such as custom, fashion, and advertising, concluding with a study of ways in which consumers can perform their functions more effectively. Offered each semester to seniors only.
410. PUBLIC FINANCE Mr. Kreps. 3
Public revenues, expenditures, debt, and financial administration, with special attention to the theory and practice of taxation and to problems of fiscal policy. Prerequisite, 211-212 or 213-214.

- 413-414. SEMINAR Mr. Gordon. 2
Readings in current economic journals and preparation of a thesis. Prerequisite, consent of instructor.
419. PRINCIPLES OF INSURANCE Mrs. Cowherd. 3
(Open to senior majors and non-majors) Survey of property, casualty, liability, and social insurance, with special emphasis on the principles of life insurance.
422. ADVANCED ECONOMIC ANALYSIS Mr. Kreps. 3
Application of the tools of economic analysis to problems of production, pricing, distribution, income, and employment. Prerequisite, 211-212 or 213-214.
424. PRINCIPLES AND PRACTICE OF INVESTMENTS Mr. Alford. 3
The social implications of investments; the problem of investing funds from the individual viewpoint; an analysis of types of securities; methods of analyzing specific securities; evaluation of forecasting methods. Prerequisite, 211-212 and 223-224.
431. INTERNATIONAL TRADE AND FINANCE Mr. Kreps. 3
Bases of trade between nations; the theory and mechanism of international financial transactions; evaluation of international commercial and financial policies, with special reference to those of the United States. Prerequisites, 211-212 or 213-214.
440. GOVERNMENT AND BUSINESS Mr. Gordon. 2
A trip to Washington to observe the federal government perform its economic functions through such agencies as Supreme Court, Board of Governors of the Federal Reserve System, Federal Trade Commission, National Labor Relations Board, etc. Conferences are arranged with individuals prominent in formulating or administering governmental economic policies. Spring vacation. Prerequisite, consent of instructor.

EDUCATION

Mr. Hawes, Chairman; Mr. Major, Mr. Schaff

TEACHER PREPARATION. Denison University is accredited by the State Department of Education in Ohio in the teacher-preparation field of secondary education, including the junior high school and senior high school. The University also offers some of the courses required in the preparation of teachers and leaders in the fields of religious, commercial, and elementary education. Special Certificates in Music

and Physical Education may be secured by both men and women on completion of the required courses of these curricula. All students registering for courses in Education must obtain a thirty percentile rating on the Ohio State University Psychological Test or its equivalent on another test. They must also make a satisfactory rating on standardized tests in English, handwriting, and vocabulary. They will be required to submit to a speech test, and those students found wanting by the Department of Speech will be required to register for appropriate courses.

Any student expecting to teach or coach should consult this department as early as possible in order to receive advice on planning an effective four-year schedule.

Special methods courses in Physical Education for Men (313-314 and 344) and in Physical Education for Women (316 and 325-326) are listed under department headings and are offered with the cooperation of the Department of Education.

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| 211. INTRODUCTION TO SCHOOL MANAGEMENT
(Open to freshmen with consent of instructor) | Mr. Hawes. 3 |
| 213. INTRODUCTION TO MUSIC EDUCATION | Mr. John. 2 |
| 215. HISTORY OF EDUCATION IN THE UNITED STATES
(Alternates with 317) | Mr. Schoff. 3 |
| 216. HISTORY OF EDUCATION
(Open to freshmen with consent of instructor) | Mr. Major. 3 |
| 309. EDUCATIONAL SOCIOLOGY | Mr. Schoff. 3 |
| 311. THE TEACHING OF SCIENCE
Prerequisite, Education 211, 321; Psychology 211. | Mr. Hawes. 3 |
| 315. SURVEY OF VOCAL MUSIC METHODS
(Alternates with 316) Prerequisite, Education 211, 321; Psychology 211. | Mr. John. 3 |
| 316. SURVEY OF INSTRUMENTAL MUSIC METHODS
(Alternates with 315) Prerequisite, Education 211, 321; Psychology 211. | Mr. John. 3 |

317. COMPARATIVE EDUCATION Mr. Schoff. 3
Prerequisite, Education 211, 321; Psychology 211.
320. THE TEACHING OF SOCIAL STUDIES Mr. Schoff. 3
Prerequisite, Education 211, 321; Psychology 211.
321. EDUCATIONAL PSYCHOLOGY Mr. Major. 3
Application of the principle of growth and learning to education.
Prerequisite, Psychology 211.
322. EDUCATIONAL GUIDANCE Mr. Schoff. 3
A course designed to give specific practices to prospective teachers of the secondary schools whether they become administrators, counselors, supervisors or other members of the school staff.
325. EVALUATION OF TEACHING Mr. Major. 3
Construction and use of tests; selection of standard tests; and interpretation of test results.
326. THE TEACHING OF GENERAL METHODS IN HIGH SCHOOL Mr. Major. 3
Prerequisite, Education 211, 321; Psychology 211.
331. THE TEACHING OF ENGLISH Miss Lewis. 3
Prerequisite, Education 211, 321; Psychology 211.
333. THE TEACHING OF LATIN Mr. Dean. 2-3
Prerequisite, Education 211, 321; Psychology 211.
335. THE TEACHING OF MATHEMATICS Mr. Schoff. 3
Prerequisite, Education 211, 321; Psychology 211; Mathematics 116 or 122.
337. THE TEACHING OF RELIGION Mr. Stewart. 3
Prerequisite, Education 211, 321; Psychology 211.
339. THE TEACHING OF SPEECH Mr. Crocker. 2
History of rhetorical thought, psychology of language, phonetics, the shaping of speech curriculum. Prerequisite, Education 211, 321; Psychology 211.
341. METHODS OF PUBLIC SCHOOL ART 4
(Not offered in 1948-49) Prerequisite, Education 211, 321; Psychology 211.

401. METHODS OF STUDY Mr. Schaff. 1
Prerequisite, Education 211, 321; Psychology 211.
402. PROFESSIONAL READINGS Mr. Schaff. 1
(A total of four credits may be taken in this course.)
412. PRINCIPLES OF SECONDARY EDUCATION Mr. Hawes. 3
Individual differences of the secondary school pupil; social principles; and a philosophy of education. Prerequisite, fifteen hours in Education.
413. SEMINAR IN MUSIC EDUCATION Mr. John. 1
Required of students doing practice-teaching in music.
414. SCHOOL ADMINISTRATION AND SUPERVISION Mr. Hawes. 3
Prerequisite, fifteen hours in Education.
- 415-416. STUDENT TEACHING Staff. 4-6
Eligibility: residence at Denison for one year; a major in education; an average grade of B in his teaching field; a recommendation from the head of the department of this field. No student should attempt to carry more than twelve academic hours of credit in addition to his student teaching. Conference Thursday, 4 p.m. Prerequisite, consent of instructor.

ENGINEERING SCIENCE

Mr. Wiley, Acting Chairman; Mr. Ladner

Students interested in Engineering are advised to major in Mathematics or one of the physical sciences, their choice depending upon the branch of engineering they wish to enter. Pre-engineering credits earned at Denison are accepted by engineering schools. By special arrangement a student who finishes three years of work at Denison may transfer to a college of engineering approved by the faculty and receive his Bachelor of Arts or Bachelor of Science degree upon the satisfactory completion of his first year at such engineering college. This arrangement makes possible an engineering training based on a good liberal arts and science background with the saving of at least one year and with degrees from both institutions. (See Combined Arts-Professional Courses, page 56.)

The following courses in Engineering Science may be elected by pre-engineering and other students:

101. STATISTICAL GRAPHICS Mr. Ladner. 2
(Not restricted to engineering students) Use of instruments, lettering, and tracing. Construction of different types of charts and graphs used in statistical work.
111. ENGINEERING DRAFTING Mr. Ladner. 2-3
Use of instruments, simple projections, freehand sketching, geometric problems; conventional signs, and tracings. (Recommended for non-engineering students, particularly those majoring in the sciences.)
112. DESCRIPTIVE GEOMETRY Mr. Ladner. 4
Conventional projection theories of drafting with problems and applications in point, line, and plane; intersection and development of surfaces. Prerequisite, 111.
115. MACHINE DRAWING Mr. Ladner. 2
Elementary design and working drawings. Prerequisite, 111.
122. ELEMENTARY SURVEYING Mr. Ladner. 4
Fundamental methods; use of tapes, level, and transit; land surveying; areas and plotting; field problems. Two class and two laboratory periods each week. Prerequisite, 111 and Trigonometry.
- 311-312. TECHNICAL MECHANICS Mr. Ladner. 3
The principles of applied mechanics with reference to their application to engineering. Prerequisite, Mathematics 221-222; Physics 111 and 114 or 211.
314. MECHANICS OF MATERIALS Mr. Ladner. 5
Engineering materials and their reactions to applied loads—including stress, strain, tension, compression, shear, torsion, and flexure. Prerequisite, 311.
324. ENGINEERING INSPECTION TRIP Mr. Ladner. 2
Visits are made to industrial plants such as steel, cement, etc., and to the sites of engineering structures, particularly those studied in different courses. Prerequisite, consent of instructor. Spring vacation. (Offered in 1948-49 and in alternate years.)

ENGLISH

Mr. J. L. King, Chairman; Mr. Shumaker, Mr. Mahood, Miss Shannon,
Mr. Southgate, Mr. Downs, Mr. Arnold, Miss Lewis,
Miss Trawick, Mr. Bennett

Students majoring in this department must elect a minimum of 26 hours in English, including 211-212, 321-322, 333, and must have two college years or its equivalent of one modern foreign language.

Core Courses 10 a and 30 are required of all freshmen and are introductory to courses in this Department but do not count as credit toward a major. Courses 211-212 are recommended as prerequisite to all literature courses. Courses 215-216 may be substituted for 211-212 by students not majoring in English.

Certain courses in literature are given in other departments: Greek Literature in English—see Classical Languages; French Literature, German Literature, and Spanish Literature—see Modern Languages.

211-212. ENGLISH LITERATURE

Staff. 3

A survey of English literature from the beginning to the late 18th century (first semester); from the 18th century to the present (second semester).

213. NEWSWRITING

Mr. Mahood. 3

Assignments in news writing and analysis. (Does not count for credit in fulfilling graduation requirement in Literature.) Consent of instructor.

215-216. LITERATURE AS ART

Miss Shannon. 3

A study of literature in relation to the other Fine Arts. Illustrations from all the arts are used to teach the fundamental principles necessary for an understanding and appreciation of creative work. (May be substituted for English 211-212 by students not majoring in English.)

231-232. A SURVEY OF AMERICAN LITERATURE

Mr. King, Mr. Downs. 3

American literature from the beginnings to the Civil War (first semester); from the Civil War to the present (second semester).

315. CORRECTIVE ENGLISH

2

Designed for juniors and seniors who need a review of the fundamentals of English composition, and who desire further practice in writing. Prerequisite, consent of instructor.

- 321-322. SHAKESPEARE Mr. King. 3
 A study of Shakespeare and his times, the comedies and histories (first semester); the tragedies and later romances (second semester.) Prerequisite, 211-212 or junior standing.
324. THE ROMANTIC MOVEMENT IN ENGLAND Mr. King. 3
 A brief review of the movement in the 18th century, followed by a closer study of the works of Wordsworth, Coleridge, Byron, Shelley, and Keats. Prerequisite, 211-212. (Not offered in 1949-50.)
326. THE SHORT STORY Mr. Shumaker. 3
 A study of the short story as a literary form, with the analysis of typical examples. Junior standing.
329. THE ELIZABETHAN DRAMA Miss Shannon. 3
 Exclusive of Shakespeare, a study of the drama in England from 1580 to 1642, with emphasis upon the works of Marlowe and Jonson. Junior standing.
330. THE MODERN DRAMA Miss Shannon. 3
 Drama from Ibsen to the present, with emphasis upon the works of British and American playwrights. Junior standing.
333. CHAUCER Mr. King. 3
 The life and times of Chaucer with a reading of the *Canterbury Tales*, *Troilus and Criseyde*, and some of the shorter poems. Prerequisite, 211-212.
335. VICTORIAN POETS Miss Shannon. 2
 A study of Tennyson, Browning, Arnold, Swinburne, and other poets of the period. Prerequisite, 211-212.
336. BROWNING Mr. Mahood. 2
 The lyrics and dramatic monologues, two plays, and *The Ring and the Book*. Prerequisite, 211-212.
337. ADVANCED COMPOSITION Mr. Bennett. 2
 Designed for students who want further training in writing. Prerequisite, consent of instructor.
338. CREATIVE WRITING Mr. Bennett. 2
 For students of special ability. Prerequisite, consent of instructor.
339. ENGLISH PROSE OF THE 18th CENTURY Mr. Mahood. 2
 Exclusive of the novel, a study of Defoe, Swift, Addison, Steele, Johnson, and others. Prerequisite, 211-212.

340. ENGLISH PROSE OF THE 19th CENTURY Mr. Shumaker. 2
Exclusive of the novel, a study of Carlyle, Ruskin, Macaulay, Arnold, Lamb, Hazlitt, Pater, and others. Prerequisite, 211-212.
341. THE ENGLISH NOVEL Mr. Mahood. 2-3
The development of the novel in England during the 18th and 19th centuries. (Additional outside reading for three hours' credit.) Junior standing.
342. ENGLISH AND AMERICAN NOVEL—1870 TO THE PRESENT Mr. Mahood. 2-3
(Additional outside reading for three hours' credit.) Junior standing.
- 343-344. READINGS IN EUROPEAN LITERATURE Mr. Downs. 3
A study in comparative literature of selected complete major works in translation from Homer's *Iliad* to Silone and Sartre. Junior standing.
- 345-346. TUDOR ENGLAND Mr. Southgate. 3
A study of the period 1485-1603: The intellectual and literary developments of the age together with their background in political, constitutional, social, and economic history. Junior standing. (Offered in 1950-51.)
347. AMERICAN LITERATURE Mr. Downs. 2
A study of Emerson, Thoreau, and the Transcendentalists. Prerequisite, 231-232.
348. AMERICAN LITERATURE Mr. King. 2
A study of Poe, Hawthorne, and Whitman. Prerequisite, 231-232.
- THE TEACHING OF ENGLISH (See Education 331.)

FAMILY LIFE

Mrs. Vreeland, Chairman

The courses in Family Life are focused on the needs of young men and women in preparation for marriage and family life. The courses are basic for prospective social workers, nurses, teachers, religious educators, recreation leaders, and other professional workers who deal with children and families.

Those contemplating graduate study in Family Life should obtain a reading knowledge of at least one foreign language.

211. EDUCATION FOR MARRIAGE AND FAMILY LIFE 3
 (Offered each semester) Designed to acquaint the student with the findings of the biological, psychological, and social sciences as they relate to marriage and family life. Prerequisite, sophomore standing.
313. FAMILY RELATIONSHIPS 3
 A course dealing primarily with the social-psychological aspects of family relations. Emphasis is on inter-personal relationships in the family and their significance for education and guidance. Prerequisite, 211 or consent.
314. FAMILY PROBLEMS 3
 This course deals with specific problems of homemaking and family life. The content of the course is adapted to the special needs of the student. Prerequisite, 211 or consent.

GEOLOGY AND GEOGRAPHY

Mr. F. J. Wright, Chairman; Mr. Mahard, Acting Chairman

A student majoring in Geology is expected to take a minimum of 20 to 30 hours in Chemistry, Physics, Mathematics, Biology, and Engineering Science in addition to 24 hours in Geology and a summer field course in a western camp. Geography 221 may be offered for Geology credit.

GEOLOGY

111. PHYSICAL GEOLOGY Mr. Mahard. 4
 The elements of dynamical and structural geology. The materials of the earth, their structural relations, and the agents operating upon them. This course includes laboratory and field work.
112. HISTORICAL GEOLOGY Mr. Mahard. 4
 The history of the earth and the development of its organisms. The major physical events and the most characteristic features of the life of each period from earliest time to the present. This course includes laboratory and field work.

214. PHYSIOGRAPHY AND GEOLOGY OF THE EASTERN UNITED STATES Mr. Wright. 3
(Not offered in 1948-49.)
216. PHYSIOGRAPHY AND GEOLOGY OF THE WESTERN UNITED STATES Mr. Wright. 3
(Not offered in 1948-49.)
311. PHYSIOGRAPHY OF THE LANDS AND MAP INTERPRETATION Mr. Wright. 4
Two hours are devoted to geomorphology and at least one discussion hour to maps. Prerequisite, 111, 112, 221, 226. (Not offered in 1948-49.)
320. FIELD WORK Mr. Wright. 2
An automobile trip across the Appalachians to Norfolk, Virginia. A complete section through the Appalachian Highlands including the Appalachian Plateau, Appalachian Ridges, Shenandoah Valley, Blue Ridge, and Piedmont, and a traverse of the Atlantic Coastal Plain. A written report with diagrams required. Estimated cost, exclusive of tuition, \$60. Spring vacation. Prerequisite, consent of instructor. (Not offered in 1948-49.)
412. SEMINAR Mr. Mahard. 2-4
Work in structural or economic geology.

GEOGRAPHY

Geography majors take a background of 15 prescribed hours in Geology in addition to nine hours in Geography and additional recommended courses in the Social Studies.

221. PRINCIPLES OF GEOGRAPHY—PHYSICAL AND HUMAN Mr. Mahard. 3
Elements of the physical environment and their effects upon man.
226. GEOGRAPHY OF THE UNITED STATES Mr. Wright, Mr. Mahard. 3
The physical features and resources of the different regions, and their influence upon human affairs. Prerequisite, 111 or 221.
230. GEOGRAPHY OF SOUTH AMERICA Mr. Mahard. 3
Environmental factors and their significance in the affairs of South America and the World. Prerequisite, 111 or 221.

232. GEOGRAPHY OF EUROPE

Mr. Mahard. 3

(Not offered in 1948-49) Parallel in content to 230, with greater emphasis on the background of European development. Prerequisite, 111 or 221.

HISTORY AND GOVERNMENT

Mr. Utter, Chairman; Mr. Stratton, Mr. Southgate, Mr. Comfort, Mr. Pollock, Mr. Marrow, Mr. Johnson, Mr. Freeman, Mr. Winkler

A minimum of 24 hours is required for a major in either division. Core Course 21-22, which counts as credit, and History 221-222 are basic for prospective majors, whose sequence of courses will be determined in consultation with an Adviser in the department. By the beginning of the junior year, majors in History will normally be required to demonstrate by written examination that they possess a reading knowledge of a modern foreign language.

HISTORY

Mr. Utter, Mr. Stratton, Mr. Southgate, Mr. Pollock, Mr. Johnson, Mr. Winkler

121-122. ECONOMIC HISTORY OF THE UNITED STATES

Mr. Utter, Mr. Pollock. 3

(Offered primarily for majors in Economics but open to others by consent.)

213-214. HISTORY OF ENGLAND

Mr. Southgate. 3

(Offered in 1949-50) Emphasis on the period from 1066 to the eve of the 19th century.

221-222. HISTORY OF THE UNITED STATES SINCE 1763

Mr. Johnson. 3

(Not open for credit to students who have credit for 121-122.)

239-240. HISTORY OF THE FAR EAST

Mr. Stratton. 3

(Offered in 1950-51) Survey of the civilizations of India, China, and Japan from their origins to the present. Emphasis is placed on their contacts with the West.

311-312. EUROPE SINCE 1914

Mr. Winkler. 3

European history, political and diplomatic, since the eve of World War I. Prerequisite, consent.

324. THE AMERICAN FRONTIER Mr. Utter. 3
The frontier in American economic, political, and cultural development. Prerequisite, 121-122 or 221-222.
- 325-326. LATIN-AMERICAN HISTORY Mr. Stratton. 3
(Offered in 1951-52.) From colonial times to the present.
327. HISTORY OF AMERICAN DIPLOMACY TO 1900 Mr. Utter. 3
- 331-332. MODERN COLONIAL EXPANSION AND IMPERIALISM Mr. Stratton. 3
(Offered in 1949-50) A history of the spread of Europeans overseas since 1500. Particular attention is given to the British Empire. Prerequisite, consent.
342. THE UNITED STATES AS A WORLD POWER Mr. Utter. 3
Emphasis on diplomatic relations since 1900.
- TUDOR ENGLAND Mr. Southgate. 3
Life and literature under the Tudors. Counts toward History major. (See English 345-346.) (Offered in 1950-51.)
411. HISTORIOGRAPHY Mr. Utter, Mr. Stratton. 2
(Required of majors) Introductory course in historical method.

GOVERNMENT

Mr. Comfort, Mr. Morrow, Mr. Freeman

A minimum of 24 hours of Government courses is required for a major in this division. Majors are expected to take a year's work in both American History and Economics. Credit in Economics 410 is required. Pre-law students should consult with an adviser in the division for requirements and sequences of courses.

211. AMERICAN NATIONAL GOVERNMENT Mr. Comfort, Mr. Freeman. 3
Study of the development, structure, and operation of our national government. Prerequisite for all courses in the division except 231-232 and 311.
212. STATE AND LOCAL GOVERNMENT Mr. Comfort, Mr. Freeman. 3
(Required of majors) A comparative study of state, county, village, and city governments.

- 231-232. BUSINESS LAW Mr. Morrow. 4
(Not to be counted toward a major in Government) A survey of law as applied to business, covering the field of contracts, property, sales, negotiable instruments, agency, partnerships, corporations, insurance, bankruptcy, and labor relations.
301. POLITICAL PARTIES AND POLITICS Mr. Comfort. 3
Study of the history, organization, functions, and activities of political parties and their relation to government policies.
304. LEGISLATIVE PROCESS Mr. Comfort. 3
A study of the internal organization of Congress, state legislatures, and of the law-making process. Major legislation pending before Congress and state legislatures will be examined.
311. INTERNATIONAL RELATIONS Mr. Comfort. 3
Study of geographic, economic, and political factors in modern international society.
315. PUBLIC ADMINISTRATION Mr. Freeman. 3
Analysis of organization, principles, and methods of public administration, with special reference to current problems.
316. MUNICIPAL GOVERNMENT Mr. Freeman. 3
Emphasis will be on administration and finance. Current problems will be examined.
322. CONTEMPORARY THEORY AND PROGRAMS FOR
WORLD PEACE Mr. Holloway. 2
(Open to juniors and seniors) An analysis of contemporary doctrines and programs for international order and peace, including pacifism, Marxism, world federalism, the American Association for the United Nations, and the Amsterdam Assembly of the World Council of Churches.
403. POLITICAL PHILOSOPHIES Mr. Comfort. 3
Introduction to political thought from Socrates to Karl Marx.
404. RECENT POLITICAL THOUGHT Mr. Comfort. 3
Examination of important political ideas in modern times—both European and American.

412. INTRODUCTION TO THE LAW Mr. Morrow. 5
 (For pre-law students) The history and meaning of law, the development of legal reasoning and philosophy, instrumentalities for the protection of rights, and the structure of the legal profession.
421. SEMINAR Mr. Comfort, Mr. Morrow, Mr. Freeman. 3
 (Required of majors) Analysis of leading books and articles in the field of government. Preparation of a thesis.
425. CONSTITUTIONAL LAW Mr. Morrow. 5
 Study of the American Constitutional system through decisions of the Supreme Court; relationships between state and federal governments; recent trends in jurisprudence.

MATHEMATICS

Mr. Wiley, Chairman; Mr. Rupp, Mr. Kato, Mr. Ladner, Miss Wetzel, Miss Carpenter

The first two years' work is offered under *Sequence I* or *Sequence II*. The second sequence is designed for the stronger students in Mathematics. It should be elected by them and by any who plan to major in this or a related field. In addition to the above, majors will take 459-460 and two other courses, not counting 108, 203 or Education 335. Students who major in mathematics with emphasis upon statistics will take 307-308 and 407-408. All majors will elect, after consultation with the head of the department, a minimum of 12 hours in subjects related to Mathematics. These may be in Science, Philosophy or Economics.

SEQUENCE I

Core Course 40 a serves as an introduction to mathematical analysis.

116. ELEMENTARY MATHEMATICAL ANALYSIS Staff. 4
 (Continuation of Core Course 40 a.)
- 215-216. THE CALCULUS Mr. Rupp, Miss Carpenter. 5
 An introductory course. Prerequisite 116.

SEQUENCE II

121-122. ELEMENTARY MATHEMATICAL ANALYSIS Mr. Wiley, Mr. Kato. 5

Introduces elementary ideas of The Calculus at the start and uses them throughout the course in an integrated study of topics in Algebra, Plane Trigonometry, and Analytic Geometry, including an introduction to Solid Analytic Geometry.

221-222. THE CALCULUS Mr. Wiley. 6

This is an intensive course which uses 122 as a prerequisite. It includes such topics as partial differentiation, multiple integrals, and expansion in series.

NON-SEQUENCE COURSES

108. MATHEMATICS OF FINANCE Mr. Rupp, Miss Carpenter. 3

Interest and annuities, life insurance, and reserves. Prerequisite, Core Course 40 a or 121 or consent of instructor.

203. SOCIAL STATISTICS Miss Wetzel, Miss Carpenter. 3

(Adapted to students in Personnel Administration, Psychology, and Sociology.)

205-206. ECONOMIC STATISTICS Miss Wetzel. 3

(Adapted to students in Economics.)

307-308. MATHEMATICS OF STATISTICS Miss Wetzel. 3

An introduction to the theory and applications of mathematical statistics, including the topics, frequency distributions of one and two variables, sampling theory, elementary probability, multiple and partial correlation, and generalized frequency distributions. Prerequisite, 216 or 222.

332. COLLEGE ALGEBRA Mr. Rupp. 3

(Alternates with 336) Mathematical induction, determinants and selected topics from the theory of equations. Prerequisite, consent of instructor.

336. COLLEGE GEOMETRY Mr. Rupp. 3

(Alternates with 332) A synthetic treatment. Such topics as poles and polars, inversion, and homothetic figures are studied. Prerequisite, consent of instructor.

353. DIFFERENTIAL EQUATIONS Miss Wetzel. 4
An introductory course. Prerequisite, 216 or 222.
354. ADVANCED CALCULUS Mr. Kato. 4
Selected topics including improper integrals, line and surface integrals, infinite series, gamma and beta functions, Fourier series. Prerequisite, 216 or 222.
- 407-408. ADVANCED MATHEMATICS OF STATISTICS Miss Wetzel. 3
Continuation of topics considered in 307-308, with special emphasis upon modern statistical methods.
453. VECTOR ANALYSIS WITH INTRODUCTION TO TENSOR ANALYSIS Mr. Kato. 4
Prerequisite, 353 or 354 and General Physics.
- 459-460. SENIOR SEMINAR Mr. Wiley, Mr. Kato, Miss Wetzel
(Required of majors) Designed to integrate the student's mathematical knowledge and extend his mathematical horizon. (3 hours' credit for the year; meets two hours each week.)
- THE TEACHING OF MATHEMATICS (See Education 335)

MODERN LANGUAGES

Mr. Secor, Acting Chairman; Mr. Skipp, Miss Koerber, Miss Holm
Miss Bailey, Miss Shelby, Mr. Reyburn

For a major in this department a minimum of 24 hours above the first-year level in the language is necessary. A maximum of 50 hours, of which not more than 36 hours are in one language, is allowed. At least a reading knowledge of a second modern language is highly desirable for majors. No credit is given for less than a year of beginning work.

Provision is made for aural training by record and by radio in the Language laboratory.

Detailed plans for a major's proper sequence of courses are arranged upon conference with the head of the department.

FRENCH

Mr. Secor, Miss Bailey, Miss Selby

- 111-112. INTRODUCTION TO THE FRENCH LANGUAGE Staff. 5
- 211-212. INTERMEDIATE FRENCH Staff. 3
Reading, grammar review, and conversation. Prerequisite, two years of high school French or one year of college French.
- 213-214. CONVERSATION AND COMPOSITION Staff. 2
(May be taken either semester or both semesters.) To accompany 211-212 for those students who wish to develop greater language skill.
- 311-312. AN INTRODUCTION TO FRENCH LITERATURE AND CIVILIZATION Mr. Secor. 3
Readings from such authors as Molière, Corneille, Racine, Voltaire, Beaumarchais, Hugo, Balzac, and modern writers. Prerequisite, three years of high school French or two years of college French.
- 313-314. CONVERSATION Miss Bailey. 2
Composition as needed. (Offered in 1949-50.)
317. THE CLASSIC DRAMA Miss Selby. 3
Corneille, Racine, Molière. Prerequisite, 311-312.
318. EIGHTEENTH CENTURY LITERATURE Miss Selby. 3
Lesage, Saint-Pierre, Voltaire, Rousseau, and leading playwrights. Prerequisite, 311-312.
319. NINETEENTH CENTURY PROSE AND POETRY Mr. Secor. 3
Novel from Chateaubriand, through Balzac, Flaubert, de Maupassant to contemporary writers. Critics: Sainte Beuve, Taine, Renan. Poets from the Romanticists through the Symbolists. Prerequisite, 311-312. (Offered in 1949-50.)
320. NINETEENTH CENTURY THEATRE Mr. Secor. 3
The Romantic, Realistic-Social, Naturalistic Schools, and modern trends. Prerequisite, 311-312. (Offered in 1949-50.)
412. SURVEY OF FRENCH LITERATURE 3
(Not offered in 1949-50)

414. POETRY OF ROMANTICISM 3
(Not offered in 1949-50) Hugo, Lamartine, de Musset, and others.
- 415-416. ADVANCED FRENCH GRAMMAR AND WRITING Mr. Secor. 2

GERMAN

Mr. Skipp, Miss Koerber

- 111-112. INTRODUCTION TO THE GERMAN LANGUAGE Staff. 5
211. INTRODUCTION TO GERMAN LITERATURE Mr. Skipp. 3
Students who need a review of grammar and syntax should register also for courses 213-214. Prerequisite, 111-112 or two years of high school German.
212. THE WEIMAR POETS Mr. Skipp. 3
Introduction to the classical period; Schiller's *Lied von der Glocke* and other lyrics, *Wilhelm Tell*, Goethe's *Hermann und Dorothea*. Prerequisite, 211.
- 213-214. CONVERSATION AND COMPOSITION Miss Koerber. 2
(Required of German majors unless proficiency is already proved.) May be taken either semester or both semesters. Prerequisite, same as for course 211. To accompany 211 and 212, may also be taken independently of 211-212.
- 215-216. SCIENTIFIC GERMAN LITERATURE Mr. Skipp. 3
(Not offered in 1948-49) Prerequisite, 211 and one year of college science or consent of instructor.
317. GERMAN CLASSICS Mr. Skipp. 3
(Alternates with 319) Lessing, Schiller, and the classical German drama. Prerequisite, 212, 214, or 216, or three years of high school German. (Offered in 1949-50.)
318. GOETHE'S WORKS Mr. Skipp. 3
(Alternates with 320) Selections. Prerequisite, 212, 317 or 319 or consent of instructor. (Offered in 1949-50.)

319. NINETEENTH CENTURY PROSE Mr. Skipp. 3
Beginning with the Romanticists and including recent literary movements represented by Hauptmann, Sudermann, Schnitzler, Thomas Mann, and other leading writers. Prerequisite, same as for 317.
320. NINETEENTH CENTURY DRAMA Mr. Skipp. 3
Kleist, Gillparzer, Hebbel, Hauptmann, Sudermann, and others. Prerequisite, same as for 318.
415. SURVEY OF GERMAN LITERATURE BEFORE 1700 Mr. Skipp. 2
Prerequisite, any 300-course or any two 200-courses, including 211-212.
416. SURVEY OF GERMAN LITERATURE AFTER 1700 Mr. Skipp. 2
Prerequisite, same as for 415.

ITALIAN

- 111-112. INTRODUCTION TO THE ITALIAN LANGUAGE 5
(Offered upon demand)

PORTUGUESE

- 111-112. INTRODUCTION TO THE PORTUGUESE LANGUAGE 5
(Offered upon demand.)
- 211-212. INTERMEDIATE PORTUGUESE 3
(Offered upon demand.)

SPANISH

Miss Holm, Miss Bailey, Mr. Reyburn

101. SPANISH CIVILIZATION 2
(Not offered in 1948-49) Spanish culture and character, especially as found expressed in literature, read in translation. (Desirable as background for Spanish language courses.)
102. HISPANIC AMERICA 2
(Not offered in 1948-49) Study of Hispanic-American culture and character, especially as expressed in literature, read in translation.

- 111-112. INTRODUCTION TO THE SPANISH LANGUAGE Staff. 5
- 211-212. INTERMEDIATE SPANISH Miss Holm, Mr. Reyburn. 3
Reading, grammar review, and conversation. Prerequisite, two years of high school Spanish or one year of college Spanish.
- 213-214. CONVERSATION AND COMPOSITION Miss Holm, Mr. Reyburn. 2
(May be taken either semester or both semesters.) To accompany 211-212 for those students who wish to develop greater language skill.
- 311-312. INTRODUCTION TO SPANISH LITERATURE AND CIVILIZATION Mr. Reyburn. 3
Readings from *El Cid*, The Spanish Ballads, *La Celestina*, *Lazarillo de Tormes*, Ruiz de Alarcon, *Don Quijote*, Larra, Duque de Rivas, Bécquer, Valera, Pérez, Galdós, and modern writers. Prerequisite, three years of high school Spanish or two years of college Spanish.
313. COMMERCIAL SPANISH Miss Holm. 2
A study of the letters and forms used in business. Prerequisite, 211-212 or equivalent.
314. ADVANCED CONVERSATION Miss Holm. 2
Composition as needed. Prerequisite, 213-214.
317. DRAMA OF THE GOLDEN AGE Miss Holm. 3
A study of the leading playwrights and their chief works. Lope de Vega, Calderón de la Barca, Tirso de Molina, Ruiz de Alarcón, Moreto and Rojas Zorrilla. Prerequisite, 311-312. (Offered in 1949-50.)
319. SPANISH NOVEL Miss Holm. 3
Prerequisite, 311-312. (Offered in 1949-50.)
320. MODERN SPANISH DRAMA Miss Holm. 3
Cruz, Moratín, García Gutiérrez, Bretón, Tamayo y Baus, Echegaray, Pérez Galdós, Benavente, Martínez Sierra, Los Quinteros, Linares Rivas, and Marquina. Prerequisite, 311-312. (Offered in 1949-50.)
- 323-324. SPANISH-AMERICAN LITERATURE AND CIVILIZATION Miss Holm. 3
Prerequisite, 311-312. History 325-326 and Geography 230 recommended.
414. ADVANCED COMPOSITION PHONETICS Miss Holm. 3
(Offered in 1949-50.)

MUSIC

Mr. Eschman, Chairman; Mr. Stark, Mr. Larson, Miss Houry, Mr. Geller,
Mr. John, Mr. Strandberg, Mrs. Grossman

All courses listed grant credit, as indicated, toward either the Bachelor of Arts degree or the Bachelor of Music degree. Any student in the University may elect courses to a maximum of 40 hours (including four hours in Ensemble Music) under the former, or 64 hours under the Mus.B., degree. Those who are candidates for a degree in applied music will pay the regular college tuition but not the additional charges for private lessons.

For students paying full tuition there are no additional charges for classes in music but for private lessons in Organ, Piano, Violin, Violoncello, Voice or Wind Instruments, the charge is \$15 for each hour of semester credit involving one lesson a week and the necessary practice provided the total number of hours carried including music does not exceed seventeen. For non-collegiate students the fee for each semester is \$32.50 for one lesson a week and \$60 for two lessons. For such special students fees for other courses are \$14 for each semester-hour of credit and organ rental is fifteen cents and piano rental five cents for each hour of use. There is no charge for practice to students paying the regular tuition.

Core Course 31-32-33 serves as an introduction to music appreciation but does not count as credit for a major in music.

103-104. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING

Mr. Eschman, Mr. Larson, Mr. Geller, Mr. John, Mr. Strandberg. 1

Three hours are required for one hour of college credit each semester, one being in Chorus, Orchestra, Band or A Cappella Choir; the others are elective ensemble music.

105-106. OPERA WORKSHOP

Mr. Larson. 1

A course in the history and performance of operas.

111-112. FUNDAMENTAL MUSICIANSHIP

Mr. Eschman. 2

Required of all freshmen majoring in Music.

121-122. HARMONY

Mr. Eschman. 3

Required of all freshmen majoring in Music.

201. HISTORY OF MUSIC TO THE 18TH CENTURY

Mr. Stark. 3

(Alternates with 311-312; offered in 1949-50.)

202. HISTORY OF MUSIC FROM THE 18TH CENTURY TO THE PRESENT TIME
Mr. Stark. 3
- 203-204. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING
Mr. Eschman, Mr. Larson, Mr. Gelfer, Mr. John, Mr. Strandberg. 1
- 205-206. APPRECIATION OF MUSIC
Mr. Stark. 2
(For non-majors) This course is offered without prerequisites in musical training or experience.
- 211-212. ADVANCED MUSICIANSHIP
Mr. Stark. 2
Prerequisite, 111-112.
- 221-222. ADVANCED HARMONY
Mr. Eschman. 3
Increased vocabulary in composition. Prerequisite, 121-122.
304. TERMINOLOGY AND CONDUCTING
Mr. John. 2
(Offered in 1949-50)
305. ORCHESTRATION
Mr. John. 1
(Offered in 1948-49)
306. ADVANCED ORCHESTRATION
Mr. John. 1
Prerequisite, 305.
- 311-312. MUSICAL FORM
Mr. Eschman. 2
(Alternates with 201-202; not offered in 1949-50.) Analysis of the principal instrumental forms.
- PUBLIC SCHOOL MUSIC METHODS
Mr. John
The psychology and problems of teaching public school music applied to present day practices. See Education 213, 315, 316, and 413.
- 331-332. COUNTERPOINT
Mr. Stark. 3
(Offered in 1949-50.) The principles of harmony applied to the melodious treatment of two or more voice parts in combination. Prerequisite, 221-222, and some proficiency in piano playing.
- 441-442. COMPOSITION
Mr. Eschman. 2
Composition of vocal and instrumental works in strict and free styles. Prerequisite, 221-222, and some proficiency in pianoforte or organ playing.

APPLIED MUSIC

STRING INSTRUMENTS CLASS Mr. Gelfer. 1

Class instruction for majors in Public School Music.

VOICE CLASS Mr. Larson. 1

Class lessons in voice. Recommended for the improvement of the speaking as well as the singing voice.

WOODWIND INSTRUMENTS CLASS Mr. John. 1

Class instruction for majors in Public School Music.

BRASS INSTRUMENTS CLASS Mr. John. 1

Class instruction for majors in Public School Music.

PRIVATE LESSONS IN ORGAN, PIANO, VIOLIN, VIOLONCELLO, VOICE AND WIND INSTRUMENTS

Instruction is in private lessons and the need of the individual student at any level of instruction is met.

Credit in Applied Music to a total of eight semester-hours may be secured toward the A.B. degree by majors in any department. Majors in Applied Music may elect sixteen hours in Applied Music. One credit is given for one lesson a week and one hour's practice a day. Two credits are given for two lessons a week and two hours' practice daily. The former will be given the name of the subject: Piano, etc., and the numbers 111-112, 211-212, 311,312, 411-412 depending upon the year of study. The two-hour credit courses will be numbered 121, 122, 221, 222, etc.

Forty-eight semester hours in Applied Music are required for the Bachelor of Music degree in performance major, and such students register for Piano, Voice, Violin, Organ, Wind Instruments, or Violoncello:

131-132, 231-232, etc., three hours' credit.

141-142, 241-242, etc., four hours' credit.

(In each case the first digit of the course-number indicates the year, the second the number of credits, and the third digit, the semester in which the course was taken.)

PHILOSOPHY

Mr. Titus, Chairman; Mr. Hepp

A major requires 24 semester hours, preferably in sequence. Philosophy may be selected as a general cultural background, as a major for ministerial students, or as preparation for graduate work in Philosophy.

Core Course 40 b counts as credit for a major in Philosophy.

121. ETHICS FOR TODAY (Freshman section) Mr. Titus. 3
Same as 321 but adapted to the freshman level. Students who elect this course will not be eligible to elect 321. (See below for description.) (Not offered in 1949-50.)
224. LIVING ISSUES IN PHILOSOPHY Mr. Titus. 3
An introduction to philosophy with emphasis upon present-day problems. The student is encouraged to integrate the various branches of knowledge into a workable philosophy of life. (Offered each semester.)
321. ETHICS FOR TODAY Mr. Titus. 3
A study of the development, nature, and theories of morality with special emphasis given to present-day problems of personal and social morality. (Open to sophomores by consent.)
326. MODERN SOCIAL PHILOSOPHIES Mr. Titus. 3
An examination of present-day society, also of socialism, communism, fascism, and the cooperative movement. Prerequisite, 321 or consent of instructor.
327. THE PHILOSOPHY OF CIVILIZATION Mr. Titus. 3
The sources of Western civilization — recent philosophies of civilization as set forth by Spengler, Sorokin, Schweitzer, Toynbee, Northrop, and others. Prerequisite, 326 or consent of instructor.
331. HISTORY OF PHILOSOPHY—Ancient and Medieval Mr. Hepp. 3
Investigation of origins of Western philosophy and science, followed by first-hand study of philosophical classics from Plato and Aristotle to Augustine and Thomas Aquinas.
332. HISTORY OF PHILOSOPHY—Modern Mr. Hepp. 3
Modern philosophies which have shaped the contemporary mind. First-hand acquaintance with the philosophical classics from Descartes to Kant.

342. NINETEENTH CENTURY PHILOSOPHY

Mr. Hepp. 3

The work of such philosophers as Hegel, Schopenhauer, Comte, J. S. Mill, Nietzsche, and Royce, and their relations to the social, scientific, and religious thinking of the period. Prerequisite, consent of instructor.

431. CONTEMPORARY THOUGHT

Mr. Hepp. 3

A seminar on the main trends of 20th century philosophy and the work of leading contemporary philosophers. Reports and discussion in one two-hour period, and conference periods. Prerequisite, consent of instructor.

432. PHILOSOPHY OF RELIGION

Staff. 3

A seminar on the origin, development, nature, and problems of religion, and the types of religious philosophy. Prerequisite, consent of instructor.

PHYSICAL EDUCATION FOR MEN

Mr. Livingston, Chairman; Mr. Jenkins, Mr. Hayes, Mr. Yard

Credit amounting from two to six hours in this department is required for graduation. This is met by courses and physical fitness tests during the freshman, sophomore, and junior years.

A major sequence of 40 hours includes Biology 201-202. Students completing all the courses are qualified for positions as supervisors and special teachers of health and physical education in high schools, providing they have the necessary credits in Education. A minor requires 18 hours of credit. Students preparing for such work are encouraged to include in their courses eight hours of biological and physical sciences and eight hours of social studies. The minimum requirements in Education are stipulated by the State Department of Education for all high school teachers (see pages 76-77).

Following the required health examinations of the orientation period and subsequent classification of students, registration is held for the required work in Physical Education for men without military credits.

Students who pass the physical fitness tests at the end of the freshman year are exempted from class attendance for a semester at a time, if they are able to pass the fitness tests at the end of the

preceding semester; thus, each student assumes the responsibility of keeping himself physically fit. The fitness tests include swimming and skills in individual and team competition in both indoor and outdoor sports.

REQUIRED COURSES

111-112. FOR FRESHMEN Staff. 1

Corrective gymnastics, rhythmic, beginning swimming, individual athletics, tumbling stunts, and sports for freshmen only. A final examination is given in each course.

Those failing the course must repeat or elect another. Students may receive duplicate credit in any course. Students assigned to Corrective Gymnastics may take this course for one, two, three or four semesters. (Three hours each week.)

211-212. FOR SOPHOMORES Staff. 1

Corrective gymnastics, rhythmic, advanced swimming, boxing, wrestling, sports, and apparatus stunts. (Three hours each week.)

311-312. FOR JUNIORS Staff. 1

Gymnastics required for those who have not already passed the physical fitness tests for 111-112 and 211-212. (Three hours each week.)

ELECTIVE COURSES

201B. SEX HYGIENE Dr. Williams. 1

221. THEORY AND PRACTICE OF PHYSICAL EDUCATION Mr. Hayes. 2
Methods of coaching football. Two lectures and two laboratory periods each week. Prerequisite, 211-212.

222. THEORY AND PRACTICE OF PHYSICAL EDUCATION I Mr. Yard. 2
Methods of coaching basketball and methods of officiating. Two lectures and two laboratory periods each week. Prerequisite, 111-112.

223. THEORY AND PRACTICE OF PHYSICAL EDUCATION I Mr. Yard. 2
Methods of coaching speedball, soccer, tennis, wrestling, and boxing. Two lectures and two laboratory periods each week. Prerequisite, 111-112.

224. THEORY AND PRACTICE OF PHYSICAL EDUCATION I *Mr. Hayes.* 2
Methods of coaching baseball and track. Two lectures and two laboratory periods each week. Prerequisite, 111-112.
- 235-236. PRINCIPLES, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION II *Mr. Jenkins.* 2
Methods in various types of institutions and study of motor efficiency tests.
- 313-314. THEORY AND PRACTICE OF PHYSICAL EDUCATION II *Mr. Jenkins.* 3
Methods of directing other activities than athletics, such as games, gymnastics, tumbling, and rhythmic. Counts for two hours each semester as Education credit (see page 73). Two lectures and two laboratory periods each week. Prerequisite, Psychology, 211, Education, 211, 321.
316. THEORY AND PRACTICE OF PHYSICAL EDUCATION III *Mr. Jenkins.* 4
Function and organization of play and playground; play activities suitable for each age period. Two lectures and two laboratory periods each week.
317. RECREATIONAL LEADERSHIP *Mr. Jenkins.* 2
The social aspects of leisure and recreation and the importance of social relations and processes therein. Prerequisite, Psychology 338.
343. PERSONAL AND GENERAL HYGIENE *Mr. Livingston.* 4
Lectures, discussions, and readings dealing with the field of personal and public health. Prerequisite, 111-112.
344. THE TEACHING OF HEALTH AND SCHOOL HEALTH PROBLEMS *Mr. Livingston.* 4
For teachers of health and physical education in the promotion of health instruction and health service. Counts also as Education credit (see page 77). Prerequisite, Biology 201-202; Psychology 211; Education 211, 321.
441. NORMAL DIAGNOSIS AND INDIVIDUAL CORRECTIVE GYMNASTICS, INCLUDING ADVANCED FIRST AID *Mr. Livingston.* 3
Two lectures and two laboratory periods each week. Prerequisite, Biology 201-202.

442. HUMAN ANATOMY, PHYSIOLOGY OF EXERCISE AND KINESIOLOGY

Mr. Livingston. 3

The problems of bodily development, bodily efficiency, and the prevention and cure of certain defects and deformities. Two lectures and two laboratory periods each week. Prerequisite, 441.

PHYSICAL EDUCATION FOR WOMEN

Miss Barr, Chairman; Miss Houston, Miss Turnell

REQUIRED COURSES

Physical Education is required of all freshmen and sophomores three periods a week, each course earning one hour of credit each semester.

111-112. FOR FRESHMEN

Staff. 1

One hour in Orientation of Physical Education and two hours elected from activities listed: archery, badminton, baseball, folk and tap dancing, modern dance, golf, hockey, horseback riding, tennis, track and field, swimming, volleyball, and winter sports. (Three hours each week.)

211-212. FOR SOPHOMORES

Staff. 1

One hour in Outing Activities and Indoor Recreational Games. Two hours elected from activities as listed above with emphasis on advanced work. (Three hours each week.)

Majors or minors in the department may receive two hours of credit each in courses 211 and 212 by taking twice the amount of work with consent of the head of the department.

ELECTIVE COURSES

Advanced courses are offered for the benefit of those students desiring to become teachers of Physical Education, or to combine such activity with the teaching of other subjects. They are also arranged to meet the needs of those who desire familiarity with the problems of Physical Education as part of their equipment for community recreation, Girl Scout work, camp leadership, and other modern leisure-time agencies.

To qualify for certificates as full-time teachers of Physical Education in secondary schools, students must complete the following courses for forty hours of credit, including certain science requirements stated below as prerequisites. A minor in this department requires twenty-two hours of credit but this includes four hours of credit for 211-212 which is a general university requirement. Therefore, in addition to general requirements, the minor demands eighteen hours of work.

The minimum requirements of the State Department of Education: Biology 111-112, 211-212 are science prerequisites for all majors. Biology 111-112 is recommended, but not required for minors.

Majors are required to earn credit in the three groups of courses listed below, one group each year, but not necessarily in sequence. Minors must take the first two groups:

GROUP I BASIC SUBJECT MATTER (13 credits, six the first semester, and seven the second) Includes 211-212, and the following:

201A. PRINCIPLES OF WHOLESOME LIVING Miss Barr. 2

Personal health as a dynamic concept of adjustment between the individual and her environment.

215. SCHOOL HEALTH PROBLEMS Miss Houston. 2

Health education and the curriculum. Environmental hygiene, school health service, and the elementary first aid. Prerequisite, 201A.

222. ORGANIZATION OF PLAY Miss Barr. 3

The community recreation movement. Game material for all age groups. Practice teaching. Prerequisite, 111-112.

224. CAMP LEADERSHIP Miss Barr. 2

The summer camp as an educational and recreative agency. Preparation for counselorship. Prerequisite, 111-112.

GROUP II METHODS OF TEACHING (15 credits, eight the first semester and seven the second)

316. THE TEACHING OF HEALTH EDUCATION Miss Turnell. 2

Programs and materials. Methods of dealing with problems of health instruction. Counts toward Education credit (see page 77). Prerequisite, 215, Education 211, and Psychology 211. (Not offered in 1949-50.)

- 321-322. SPORTS' TECHNIQUE Staff. 3
Rules and strategy of all sports for women. Student teaching. Conduct of meets and tournaments. Prerequisite, 111-112, 211-212. (Not offered in 1949-50.)
323. ELEMENTARY RHYTHMICS Miss Houston. 3
Rhythmic form; methods of presenting rhythmic materials. Suitable material for the school program. Rhythm and education. Prerequisite, 111-112, 211-212. (Not offered in 1949-50.)
- 325-326. THE TEACHING OF PHYSICAL EDUCATION Miss Turnell. 2
General methodology, first semester. The teaching of mass and formalized programs, second semester. Counts toward Education credit (see page 77). Prerequisite, 111-112, 211-212; Education 211, 321; Psychology 211. (Not offered in 1949-50.)
- GROUP III ADVANCED SUBJECT MATTER (16 credits, eight each semester)
404. THE NATURE AND FUNCTION OF PLAY Miss Barr. 2
History and theories of play. The contribution of play and recreation to American culture. Prerequisite, senior standing in the department.
411. RECONSTRUCTIVE PHYSICAL EDUCATION Miss Houston. 3
Postural defects and the use of exercise for functional and organic abnormalities. The physical examination and physical diagnosis. Prerequisites, 201A and 427; Biology 211-212.
414. PRINCIPLES, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION Miss Barr. 4
General material integrating the field and leading up to the senior comprehensive examination. Prerequisite, senior standing in the department.
424. THE PLACE OF DANCE IN AESTHETICS Miss Barr. 2
The philosophy and psychology of aesthetics as it relates to the dance. Organization of the public performance. Prerequisite, 111-112, 211-212.
427. KINESIOLOGY Miss Houston. 2
A study of bodily movement. Joint and muscle action, particularly as applied to movements ordinarily used in physical education activities. Prerequisite, Biology 211-212. Physics 111-112 recommended.



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

To qualify for certificates as full-time teachers of Physical Education in secondary schools, students must complete the following courses for forty hours of credit, including certain science requirements stated below as prerequisites. A minor in this department requires twenty-two hours of credit but this includes four hours of credit for 211-212 which is a general university requirement. Therefore, in addition to general requirements, the minor demands eighteen hours of work.

The minimum requirements of the State Department of Education: Biology 111-112, 211-212 are science prerequisites for all majors. Biology 111-112 is recommended, but not required for minors.

Majors are required to earn credit in the three groups of courses listed below, one group each year, but not necessarily in sequence. Minors must take the first two groups:

GROUP I BASIC SUBJECT MATTER (13 credits, six the first semester, and seven the second) Includes 211-212, and the following:

201A. PRINCIPLES OF WHOLESOME LIVING Miss Barr. 2

Personal health as a dynamic concept of adjustment between the individual and her environment.

215. SCHOOL HEALTH PROBLEMS Miss Houston. 2

Health education and the curriculum. Environmental hygiene, school health service, and the elementary first aid. Prerequisite, 201A.

222. ORGANIZATION OF PLAY Miss Barr. 3

The community recreation movement. Game material for all age groups. Practice teaching. Prerequisite, 111-112.

224. CAMP LEADERSHIP Miss Barr. 2

The summer camp as an educational and recreative agency. Preparation for counselorship. Prerequisite, 111-112.

GROUP II METHODS OF TEACHING (15 credits, eight the first semester and seven the second)

316. THE TEACHING OF HEALTH EDUCATION Miss Turnell. 2

Programs and materials. Methods of dealing with problems of health instruction. Counts toward Education credit (see page 77). Prerequisite, 215, Education 211, and Psychology 211. (Not offered in 1949-50.)

- 321-322. **SPORTS' TECHNIQUE** Staff. 3
Rules and strategy of all sports for women. Student teaching. Conduct of meets and tournaments. Prerequisite, 111-112, 211-212. (Not offered in 1949-50.)
323. **ELEMENTARY RHYTHMICS** Miss Houston. 3
Rhythmic form; methods of presenting rhythmic materials. Suitable material for the school program. Rhythm and education. Prerequisite, 111-112, 211-212. (Not offered in 1949-50.)
- 325-326. **THE TEACHING OF PHYSICAL EDUCATION** Miss Turnell. 2
General methodology, first semester. The teaching of mass and formalized programs, second semester. Counts toward Education credit (see page 77). Prerequisite, 111-112, 211-212; Education 211, 321; Psychology 211. (Not offered in 1949-50.)
- GROUP III ADVANCED SUBJECT MATTER** (16 credits, eight each semester)
404. **THE NATURE AND FUNCTION OF PLAY** Miss Barr. 2
History and theories of play. The contribution of play and recreation to American culture. Prerequisite, senior standing in the department.
411. **RECONSTRUCTIVE PHYSICAL EDUCATION** Miss Houston. 3
Postural defects and the use of exercise for functional and organic abnormalities. The physical examination and physical diagnosis. Prerequisites, 201A and 427; Biology 211-212.
414. **PRINCIPLES, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION** Miss Barr. 4
General material integrating the field and leading up to the senior comprehensive examination. Prerequisite, senior standing in the department.
424. **THE PLACE OF DANCE IN AESTHETICS** Miss Barr. 2
The philosophy and psychology of aesthetics as it relates to the dance. Organization of the public performance. Prerequisite, 111-112, 211-212.
427. **KINESIOLOGY** Miss Houston. 2
A study of bodily movement. Joint and muscle action, particularly as applied to movements ordinarily used in physical education activities. Prerequisite, Biology 211-212. Physics 111-112 recommended.

431. **PHYSIOLOGY OF ACTIVITY** Miss Barr. 3
 (Non-laboratory course) The physiological effects of exercise treated from the point of view of the physical education specialist. Prerequisite, Biology 111-112, 211-212; Chemistry strongly recommended; Physics advised.

OUTSIDE ALL GROUPS

- 201B. **SEX HYGIENE** Dr. Williams. 1
351. **RECREATIONAL LEADERSHIP** Miss Barr. 3
 (Alternate course; not offered in 1949-50.) Organized recreation and the leisure-time movement. Principles of group activity; leadership and the field of recreation; recreation surveys.

PHYSICS

Mr. Leon Smith, Chairman; Mr. Howe, Mr. Wheeler

The major sequence in Physics consists of courses 111-112, 211-212, with twelve additional hours in courses numbered higher than 300. Students who expect to major in the physical sciences are advised to take at least Physics 111-112, 211-212. Students preparing for graduate work should elect courses 311, 312, 313, 314, and 344. Engineering students should take the 211-212 laboratory, and will find 431-432 useful. The sequence 111-112 with 113-114 will satisfy the Physics requirements for medical and dental students.

111. **GENERAL PHYSICS** Staff. 3
 Lecture demonstrations and recitations covering the more important principles of mechanics and heat. Prerequisite, one year of high school Physics or consent of instructor. Mathematics 121 or Core Course 40 a should accompany or precede this course.
112. **GENERAL PHYSICS** Staff. 3
 (Continuation of 111) Electricity, magnetism, light, wave motion, and sound. Prerequisite, 111, and Mathematics 121 or Core Course 40 a.
- 113-114. **GENERAL PHYSICS LABORATORY** Mr. Howe, Mr. Wheeler. 2
 (For students in Art, pre-medicine, and pre-law) May be taken only in combination with or following Physics 111-112.

200. FLIGHT TRAINING Mr. Carson, Mr. Singer. 1
Dual and solo flight instruction leading to the CAA private pilot's license. (For full details see separate bulletin on Flight Training.) Maximum cost and deposit \$450.
201. FLIGHT TRAINING Mr. Howe. 2
Basic ground school course for pilot training.
211. LABORATORY PHYSICS Mr. Smith. 3
The essentials of mechanics, molecular physics, and heat, designed for Engineering and Science students. Prerequisite, 111-112, and Core Course 40 a, Mathematics 116 or 121-122.
212. LABORATORY PHYSICS Mr. Smith. 3
(Continuation of 211) The more fundamental experiments in sound, light, magnetism, and electricity.
311. ELECTRICAL MEASUREMENTS Mr. Howe. 3
An intermediate laboratory course in precise electrical measurements. The theoretical course covering the same field is 313. Prerequisite 211-212, and Mathematics 221-222.
312. LIGHT Mr. Smith. 3
An intermediate laboratory course in light. 314 normally goes with this laboratory course. Prerequisite, 211-212, and Mathematics 221-222.
313. MAGNETISM AND ELECTRICITY Mr. Smith. 3
(Alternate course; not offered in 1949-50.) Introduction to the subject of magnetism and electricity, and a foundation for any work in this field. The laboratory course, 311, should be taken with this course. Prerequisite, 211-212, and Mathematics 221-222.
314. THEORY OF LIGHT Mr. Smith. 3
(Alternate course; not offered in 1949-50.) Introduction to the study of geometrical and physical optics. The corresponding laboratory course is 312. Prerequisite, 211-212, and Mathematics 221-222.
333. KINETIC THEORY Mr. Smith. 3
(Alternate course; offered in 1949-50.) A lecture course presenting the kinetic theory and elementary thermodynamics. Prerequisite, 211-212, and Mathematics 221-222.

334. ELECTRON THEORY Mr. Smith. 3
 (Alternate course; offered in 1949-50.) A lecture course on the electron theory presenting the current ideas regarding the structure of the atom. Prerequisite, 211-212, and Mathematics 221-222.
344. RADIO, TELEGRAPH, AND TELEPHONE Mr. Howe. 4
 Laboratory work and lectures treating the fundamental principles underlying modern wireless telegraph and telephone circuits. Prerequisite, 111-112 and 113-114 or 211-212.
- 431-432. ELEMENTS OF ELECTRICAL ENGINEERING Mr. Smith. 4
 Lecture and laboratory course presenting the general theory of direct and alternating current circuits and machinery. Prerequisite, 211-212, and Mathematics, 221-222.
- 441-442. ADVANCED LABORATORY AND SPECIAL PROBLEMS Staff. 2 or 3
 Prerequisite, consent of instructor.

PSYCHOLOGY

Mr. Dixon, Acting Chairman; Mr. Lundin, Mr. Gullbergh, Miss Power

A major in Psychology requires a minimum of twenty-four hours in Psychology including courses 315-316, 342, 411, and 412. Majors are also required to take Biology 111-112 or 201-202; Mathematics 203, Philosophy 326, and Core Courses 10 d, 40 b, and 71-72.

Students contemplating graduate work in Psychology should obtain a reading knowledge of at least one foreign language. They are also urged to take Core Course 40 a, Mathematics 116, Physics 111-112 and 113-114.

Psychology 211 is prerequisite to all other courses in the department.

211. GENERAL PSYCHOLOGY Staff. 3
 (Offered each semester) Introduction to the general nature and principles of behavior.
212. SURVEY OF APPLIED PSYCHOLOGY 3
 Major problems and their solutions to which applied psychologists have made their contribution. (Not offered 1948-49.)

217. DEVELOPMENTAL PSYCHOLOGY Miss Power. 4
(Offered each semester) Psychological development in lower forms and in man especially during early periods of growth.
226. PROBLEMS IN PERSONALITY Mr. Lundin. 3
(Offered each semester) Motivations of man with emphasis upon behaviors requisite for adequate living.
- 315-316. EXPERIMENTAL PSYCHOLOGY Miss Power. 3
Experimental approach to human behavior emphasizing experimental design and research. Prerequisite, Mathematics 203.
319. INDUSTRIAL PSYCHOLOGY Mr. Gullbergh. 3
Psychological principles and methods as they contribute to the solution of industrial problems.
323. PERSONNEL TESTING Mr. Gullbergh. 3
Construction, administration, scoring and use of psychological tests in personnel work.
330. ADVANCED EXPERIMENTAL PSYCHOLOGY Staff. 2, 3 or 4
Experimental study of an original problem. Prerequisite, 315.
338. SOCIAL PSYCHOLOGY Mr. Gullbergh. 3
Individual behavior as it is influenced by cultural forces. Prerequisite, Core Course 71-72.
342. INTELLIGENCE TESTING Mr. Lundin. 2
(Offered each semester) A laboratory course giving individual practice in the administration and scoring of the Revised Stanford-Binet and Wechsler-Bellevue tests. Prerequisite, Mathematics 203.
343. ADVANCED TESTING 2
A survey of projective techniques and their application in clinical use. Prerequisite, 315, 342. (Not offered in 1948-49.)
- 345-346. ADVANCED TESTING WORKSHOP Staff. 2
(A total of eight credits may be taken in this course.) Practical experience in the use and interpretation of psychological tests. Prerequisite, 342.
411. ABNORMAL PSYCHOLOGY Mr. Lundin. 3
Psychopathology: Its development, course and treatment with emphasis upon prevention and cure. Prerequisite, 226.

412. SYSTEMATIC PSYCHOLOGY Mr. Lundin. 3
 A study of the schools of psychological thought and theory.
 Prerequisite, 315-316, 342.
420. INDUSTRIAL COUNSELING 2
 Principles and methods of psychological counseling with main
 emphasis upon uses of these techniques in industry. Prerequisite, 319.
 (Not offered in 1948-49.)
440. PROBLEMS IN PSYCHOLOGY Staff. 1
 (A total of two credits may be taken in this course.) Seminar
 designed to integrate the student's knowledge of psychology.

RELIGION

Mr. Stewart, Chairman; Mr. Pitcher

For a major in Religion, 24 credit hours are required. If the area of religious education is included, the whole may be satisfied by courses within the offerings listed below. Otherwise, Religion courses may be supplemented by a suitable related selection, especially from the fields of Philosophy and Sociology.

101. INTRODUCTION TO RELIGION Mr. Pitcher. 3
 The meaning of religion in its manifold aspects, designed for freshmen and sophomores.
111. THE OLD TESTAMENT Mr. Stewart. 3
 The history of Hebrew life and thought to the Exile.
112. LIFE OF JESUS Mr. Stewart. 3
 The life and ministry of Jesus, based upon the Synoptic Gospels, with an introductory survey of the political, social, and religious life among the Jews of that day.
114. THE TEACHINGS OF JESUS Mr. Stewart. 3
 Topical analysis of his recorded sayings. Prerequisite, 112, or consent of instructor.
115. PRINCIPLES OF RELIGIOUS EDUCATION Mr. Stewart. 3
 The principles, problems, and programs of religious education as carried on by the local church and community.

116. THE MODERN CHURCH SCHOOL Mr. Stewart. 3
The organization, administration, and aims of the Church School.
- 205-206. FIELD WORK IN RELIGION Mr. Stewart. 1
(Open to freshmen without credit) Work in religion undertaken by Denison students.
211. OLD TESTAMENT: THE PROPHETS Mr. Stewart. 3
Continuation of 111, with special reference to the careers and teachings of the Hebrew prophets. Prerequisite, 111, or consent of instructor.
212. THE EARLY CHURCH Mr. Stewart. 3
To the end of the Apostolic Age. Prerequisite, 112, or consent of the instructor.
217. THE FAITHS OF MANKIND Mr. Stewart. 3
Origin of religion, nature of primitive and classical religions, history of contemporary non-Christian faiths.
221. THE BIBLE AS LITERATURE Mr. Stewart. 3
The writing, preservation, and translation of the Bible; Hebrew literary forms; the masterpieces of Biblical literature.
301. MODERN RELIGIOUS PROBLEMS Mr. Pitcher. 3
A study of religious problems confronted by undergraduate thought.
302. CHRISTIAN SOCIAL TEACHING Mr. Pitcher. 3
(Continuation of 301 in the social field; not offered in 1948-49.)
- 305-306. SECOND YEAR OF FIELD WORK IN RELIGION Mr. Stewart. 1
312. STORY-TELLING AND DRAMATIZATION Mr. Stewart. 3
Their use in religious education.
321. WORSHIP AND HYMNOLOGY Mr. Stewart. 3
The nature and function of worship, the great Christian hymns, and principles of evaluation.
- THE TEACHING OF RELIGION (See Education 337)

SOCIOLOGY

Mr. Detweiler, Chairman; Mr. Nissen, Acting Chairman; Mrs. Vreeland

Required of all major students, Sociology 210, 222, 420; Economics 211-212 or 213-214, and either a year of Mathematics or the reading knowledge of a foreign language. Recommended are Core Course 21-22, Government 211, 212; Psychology 211, 338.

210. PROBLEMS IN SOCIOLOGY Mrs. Vreeland. 3
Introductory course in social problems with emphasis on basic causal factors and social dynamics; analysis of a limited number of social problems.

211. CRIMINOLOGY Mr. Nissen. 3
A study of the phenomenon of crime in American society as to amount, the varying rates in terms of area of residence, age, social class, occupational group, etc., the causes and the treatment of criminal behavior. Prerequisite, 210.

222. SOCIAL INVESTIGATION Mr. Nissen. 3
Study of statistical reports; elementary statistical exercises; evaluation and collection of social data. Laboratory plan, six hours a week each semester. Prerequisite, 210, and Mathematics 203.

309. SOCIAL ANTHROPOLOGY Mr. Nissen. 4
Primitive peoples, races of mankind, cultures in various parts of the world, with special reference to Africans and American Indians.

311. THE PEOPLES OF EUROPE Mr. Detweiler. 3
The racial, social, and cultural structure of European peoples, particularly Italians, Germans, Russians and other Slavs. Prerequisite, Geology 232 recommended. (Not offered in 1948-49.)

312. RACE PROBLEMS IN THE UNITED STATES Mr. Nissen. 4
Indians, Orientals, Mexicans, Negroes, and other minority groups in the United States. Prerequisite, six hours of Sociology.

314. THE SOCIOLOGY OF CITY LIFE Mr. Nissen. 3
A study of the social factors that impinge on city life, with special emphasis on its population, the effect of city living on the institutions, and on personality development together with some consideration of methods of making city life more beneficial to the society. Prerequisite, 210 and Core Course 71-72.

412. SOCIAL WORK

Mr. Detweiler. 3-6

Pre-vocational study looking toward social work; public policies concerning relief, unemployment, public assistance; and methods of dealing with cases. Three class periods a week account for three credits; additional hours may be earned by field work at the rate of fifty hours for one credit. A maximum of credit by field work will be three credits. Field work should be done during the preceding summer under approval of Denison instructor. Prerequisite, 210. Economics 213-214 recommended. (Not offered in 1948-49.)

420. SEMINAR

Mr. Nisson. 3

(Open only to senior majors) Advanced study of special problems suggested by courses already taken.

SPEECH

Mr. Crocker, Chairman; Mr. Robbins

Students whose major work is in this department will elect a minimum of twenty-four hours in Speech and Theatre Arts. Among these should be Theatre Arts 215-216. Students who expect to teach Speech will include other courses with consent of instructor.

114. ORAL READING

Mr. Crocker. 3

Continuation of Core Course 10 c, credit in which counts toward a major in Speech. (Not open to students who have received credit in Theatre Arts 114.)

131. REMEDIAL SPEECH

Mr. Robbins. 1-2

Individual instruction for the correction of speech disorders, or for students seriously deficient in articulation, enunciation, and pronunciation. Individual need will determine the nature of this work. Credit hours assigned to determine study load and fees. (Does not count as credit toward graduation).

212. ELEMENTS OF SPEECH

Mr. Crocker, Mr. Robbins. 3

Continuation of Core Course 10 b, credit in which counts toward a major in Speech.

219. INTERCOLLEGIATE DEBATING

Mr. Crocker. 1-2

The questions to be used in the intercollegiate debates will be studied and members of the men's and women's teams will be chosen from this class. Freshmen are organized into a separate class meeting one hour a week. A total of six hours in debating may be counted toward graduation.

220. DISCUSSION AND DEBATE Mr. Crocker. 3
How to lead and take part in group discussions. Parliamentary law, conferences, discussion, argumentation.
221. BUSINESS AND PROFESSIONAL SPEAKING Mr. Crocker. 3
Advanced public speaking. Prepared speeches appropriate to business and professional life. Prerequisite, consent of instructor.
225. INTRODUCTION TO RADIO Mr. Robbins. 3
The history of radio development; a study of the structure of broadcasting; comparative study of broadcasting practices in other countries; the objectives of radio as a social force and cultural influence; and the analysis of existing programs aimed toward the development of acceptable standards for radio. Prerequisite, Core Course 10 b or equivalent.
226. RADIO WORKSHOP Mr. Robbins. 3
A comprehensive lecture-laboratory course covering the basic techniques of radio acting, writing, announcing, and directing. Prerequisite, 225 and consent of instructor.
227. RADIO PRODUCTION PROCEDURES Mr. Robbins. 3
A lecture-laboratory course in the production of complex program types; study of production problems, techniques, and procedure, acoustical and electrical distortion, and the development of sound patterns. Prerequisite, 226 and consent of instructor.
228. ADVANCED PRODUCTION PROCEDURES Mr. Robbins. 3
Continuation of 227. Study of music, variety, and complex dramatic program types. Prerequisite, 227 and consent of instructor.
229. CONTEMPORARY RADIO Mr. Robbins. 2
During spring vacation the four major radio networks will be visited in New York to observe station operation, studio arrangements, the production of various types of programs from rehearsal through performance, and the production of television programs. The trip will be preceded by study of network operational policies and procedure, and followed by a written report. Estimated cost of trip, exclusive of tuition, \$50 to \$75. Prerequisite, consent of instructor.
312. RHETORICAL THEORY Mr. Crocker. 2
Historical and critical survey of the principal theories of speech composition and delivery from Aristotle to the present time, with special emphasis on the classical period.

331. VOICE AND SPEECH IMPROVEMENT Mr. Robbins. 2

The relation of speech to mental hygiene; an introduction to phonetics and to the study of speech disorders; types, characteristics, diagnosis, and theories of treatment. Prerequisite, 12 hours of Speech and/or Theatre Arts and consent of instructor.

THE TEACHING OF SPEECH (See Education 339)

THEATRE ARTS

Mr. Edward A. Wright, Chairman; Mr. Brasmer, Mr. Adams, Mr. Merriman

Students whose major work is in this department will elect twenty-eight to thirty-two hours. Recommended courses in allied fields are English 321-322, 329, 330; Greek 201, and Speech 221; a reading knowledge of French, and ten to twelve hours in Psychology. Majors who plan to qualify as full-time teachers in secondary schools must carry Core Course 10 b and substitute Speech 220 for 221.

Core Course 31-32-33 serves as an introduction to appreciation of theatre but does not count as credit toward a major in Theatre Arts.

114. ADVANCED DRAMATIC INTERPRETATION Mr. Wright, Mr. Brasmer. 3

An elective to follow Core Course 10 d (see page 61). This course counts as credit for a major in Theatre Arts, and places emphasis on developing an individual platform personality and the building of a repertoire. Offered second semester only. (Not open for credit to students who have received credit in Speech 114.)

215-216. INTRODUCTION TO THE THEATRE Staff. 3

Basic course in all phases of Theatre production. Designed for non-majors but first course for majors. Make-up, scene-construction, lighting, properties, costuming, and basic principles of acting and direction. University Theatre as laboratory. (Offered 1950-51).

224. STAGE LIGHTING Mr. Adams. 2

Theory and practice in the proper use of lights in present day Theatre.

225. CONTEMPORARY THEATRE Mr. Wright. 2

Attendance at outstanding productions in New York during spring vacation, preceded by study of contemporary productions and followed by a written report of the productions seen. Estimated cost of trip, exclusive of tuition, \$90 to \$100. Prerequisite, consent of instructor.

- 227-228. ACTING FOR BEGINNERS Mr. Brasmer. 2
Acting experience in class work and studio productions. Emphasis on stage principles, traditions and character-creation, emotional interpretation, and projection. (Offered in 1950-51.)
- 229-230. ADVANCED ACTING Mr. Wright, Mr. Brasmer. 2
Work in all types of acting with emphasis on varsity production. Prerequisite, consent of instructor. (Offered in 1949-50.)
235. CHILDREN'S THEATRE Mr. Merriman. 2-3
Specialized work in preparation and presentation of a play for children by adults. Prerequisite, consent of instructor.
301. MINOR TECHNICAL PROBLEMS Mr. Adams. 2-6
Open to non-majors who show special talent in stagecraft, lighting, design, make-up, costuming, or allied technical problems. May be taken as credit through participation in Denison Summer Theatre. Prerequisite, consent of instructor.
323. THEATRE HISTORY Mr. Brasmer. 3
Survey of Theatrical History from the Greeks to the present. Emphasis on theatre influences, cultural, social and political as well as conventions, architecture, personalities and methods of production. (Offered in 1950-51).
326. THEORY OF THE THEATRE Mr. Wright. 3
The analysis and comparison of dramatic theories from Aristotle to the present with emphasis on present trends of stage and motion pictures. Prerequisite, 12 hours of Theatre Arts. (Alternates with 323.)
401. MAJOR TECHNICAL PROBLEMS Mr. Wright. 2-6
Open to Theatre majors whose special talent in lighting, direction, costuming, acting, playwriting, dramatic interpretation or such projects as may be necessary to complete a well-rounded background in their major field. May be taken as credit through participation in Denison Summer Theatre. Prerequisite, consent of instructor.
- 415, 416. PLAY DIRECTION Mr. Wright, Mr. Brasmer. 2-3
Theory and practical work in direction. Each student is responsible for selection, casting, rehearsing, and production of one-acts or longer plays presented in the Studio Theatre. Prompt Book for three-act play for extra hour credit. Prerequisite, fifteen hours of Theatre Arts and consent of instructor.

CONSERVATORY OF MUSIC

FACULTY

KARL H. ESCHMAN, Ph.B., A.M., F.A.G.O.

Director of the Conservatory

Professor of Music

Graduate of Denison in piano and organ; graduate student, Harvard 1911-12, under Walter R. Spalding and Edward Burlingame Hill; 1912-13, under Hugo Kaun and Victor Heinze, Berlin; under Erwin Stein, Egon Wellesz and others, University of Vienna, 1929-30; under Walter Piston, Harvard, 1942; member of the faculty, Ohio State and Northwestern summer sessions, 1926-29 and 1935 to date. Fellow of American Guild of Organists.

SAM GELFER

Instructor in Music

VIOLIN

Pupil of Henry Schradieck, Theodore Spiering, Alois Trnka, and Joseph Achron in violin and of Frederick B. Stivens and R. H. Miles in theory.

BRAYTON STARK, Mus.B., A.M., F.A.G.O.

University Organist

Associate Professor of Music

ORGAN AND THEORY

Graduate of Guilmandt Organ School; post-graduate work at Eastman School of Music; theory with T. Tertius Noble and organ with Joseph Bonnet, organist of Cathedral of St. Eustache, Paris; director of music at Christ Church, Corning, N. Y.; Fellow of American Guild of Organists. B.Mus., Denison; A.B., Denison; A.M. Harvard.

SUE HAURY, A.B.

Instructor in Music

PIANO

Graduate of Peabody Conservatory; graduate student at New England Conservatory; fellowship at Juilliard Graduate School; A.B.,

Denison; pupil of Olga Samaroff, Alfred Butler, Rudolf Ganz and Ernest Hutcheson in piano. Instructor, Maryland School for the Blind, and Occidental College, Los Angeles, Calif.

HERMAN LARSON, A.B.
Assistant Professor of Music

VOICE

Graduate of Augustana College, Sioux Falls, South Dakota, 1933; Graduate student, American Conservatory of Music, Chicago, 1933-37, voice with Theodore Harrison and Theory with Leo Sowerby and Jeanne Boyd; instructor, Valparaiso University, Valparaiso, Indiana, 1935-36, and Joliet Conservatory of Music, Joliet, Illinois, 1936-37; Associate Professor, University of Oklahoma, 1937-44.

ROBERT W. JOHN, B.S. in Mus. Ed., Mus. M.
Instructor in Music Education

INSTRUMENTAL MUSIC

Graduate of Milwaukee State Teachers College; graduate student, University of Michigan; pupil of Adolf Petersen and Hale Phares, flute; William Stubbins, clarinet; Milton Rusch and Erik Leidzen, theory; Hugo Anhalt, conducting; Captain, Information and Education Division, U. S. Army.

NEWTON STRANDBERG, Mus. Ed. B., Mus. M.
Instructor in Music

PIANO

Graduate of North Park College, Chicago, 1941; graduate of Northwestern University, 1942; graduate student, Northwestern University, 1947; Welfare Specialist First Class, U.S.N.R., 1942-46. Pupil of Louis Crowder, Gui Monbaerts, Stefan Bardos, Howard Silberer, piano; Felix Borowski, Robert Delaney, theory.

MARGARET GRIFFITH GROSSMAN, A.B.
Instructor in Music

VOICE

Graduate of Carroll College, Waukesha, Wisconsin, 1945; Northwestern University, summer 1946; winner of Young Wisconsin Artists scholarship, 1947; Diploma in voice, Wisconsin Conservatory, Milwaukee, Wisconsin, 1948; pupil of Verna Lean, William Kugel, Dr Hermann Nott, Dr. Edgar Nelson, Dale Gilliland in voice; pupil of Dr. Nott and Arthur Arneke in theory; private studio, 1945-48.

MUSIC CURRICULUM

THEORETICAL STUDIES

Courses in the theory and history of music will be found listed in detail under the Department of Music in the regular list of college courses in the catalog. (See page 96.)

APPLIED STUDIES

Proficiency in one of the following departments is a requirement for graduation. To secure the Conservatory diploma the work must be concluded by a public recital. If normal study is substituted for the recital in the senior year, and the student shows evidence of the ability to teach his major subject, a certificate is granted. When violin, voice, violoncello, etc., are selected as majors, piano must be taken as a minor until the student is able to play piano music of the third grade of difficulty. If this work has been completed before entrance, credit will be given upon examination.

The number of years required to complete the work in any applied study depends entirely upon the student's ability and previous training. Frequent opportunity will be given to the student to ascertain his standing by examination. In general, these examinations consist of technical demonstrations, the performance of prepared compositions from memory, and the playing of one selection prepared without the aid of the teacher.

PIANOFORTE

It is the aim of the Department of Piano to study the individual needs of each student. In accordance with this policy, students are accepted for private lessons only.

Especial attention is paid to the laying of careful foundations in technical work. Modern principles of relaxation and of good tone production, in accordance with natural laws, are emphasized. Facility and velocity are sought, but the importance of an artistic interpretation is placed above all. This is of course impossible of attainment without an adequate technique.

The student's attention is called to the problems underlying program-making, and his knowledge of piano literature is supplemented by theoretical work.

To secure junior standing in this department, a student should play all major and minor scales in three speeds; scales of double thirds, fourths and octaves, and arpeggios of all triads, diminished and dominant sevenths: Bach, three-part inventions, a Haydn sonata, compositions by Schubert, Mendelssohn, and others.

For senior standing, a greater speed and facility is demanded in all technical work. Scales in double sixths are required; fugues from the *Well-Tempered Clavichord*, a Beethoven sonata, and compositions by Schubert, Chopin, and more modern composers are included.

VOICE

Correct placement is the aim of all vocal instruction. The object is to determine the student's normal range and to perfect the even quality of tones throughout that range.

Of special importance is the correct control of the breathing. Careful attention is paid to the diction and enunciation. The vocal student before graduation is required to study an additional modern language in order to cultivate vocal diction in more than one idiom. Study of the piano is also required before graduation, and it is recommended that this be begun early in the course.

Vocal instruction should be directed toward the problems peculiar to the voice and song interpretation; rhythm and phrasing are important in this connection. The song literature of all schools, lieder, arias, ballads, and art songs are used in the vocal instruction.

Experience in the University chorus, solfeggio, and elementary theory are especially recommended to students in voice.

For junior standing, studies in vocalization from the first books of Concone, Lamperti, Marchesi, Sieber, Vaccai or similar works, are required.

Songs of moderate difficulty in English should demonstrate satisfactory enunciation and range. The senior examination adds advanced vocalization and arias from opera and oratorio in other languages.

For those who wish an introduction to singing, class lessons may be arranged (VOICE CLASS, one hour credit) but students are accepted for private lessons at any stage of advancement.

ORGAN

Study of the piano is a prerequisite. Whether the student has fulfilled sufficiently this requirement or not is determined by the instructor, and the department reserves the right to require more piano study of the student who needs such additional work.

The acquisition of a smooth legato style at the organ is an objective aim. The music for advanced study is selected from those composers who are especially idiomatic—Bach, Mendelssohn, Rheinberger, Guilmant, and others. Both the concert types and the more churchly types are studied with a view of proficiency in these directions.

For junior standing, the examinations are based upon the following requirement:

1. Playing a composition previously studied.
2. Playing a selection prepared without the aid of the teacher.
3. Playing at sight a simple trio for two manuals and pedal.
4. Playing of pedal scales (major or minor) two notes at 120 mm.
5. Transposing at sight a passage in four-part harmony into keys not more than one tone up or down.

6. Playing of simple modulations.

For senior standing:

1. As above.
2. As above.
3. Playing at sight a more difficult trio.
4. Playing of pedal scales (major and minor) four notes at 84 mm.; also arpeggios.
5. Transposing at sight a passage in four-part harmony into keys not more than a major third up or down.
6. Playing of modulations into remote keys.

VIOLIN AND VIOLONCELLO

With those entering these departments for the first time especial attention is paid to matters of position, bowing and fingering. The

production of a good tone with clear intonation is emphasized from the start.

More advanced pupils are introduced to a wide range of literature. Ensemble playing is encouraged. Students sufficiently advanced have the opportunity of playing in the University orchestra.

The aim is for a broad musicianship and a high plane of artistic conception and interpretation.

Junior examinations in Violin will be based upon technical studies by Mazas (*Opus 36*), Kreutzer, or Fiorillo, and compositions by DeBeriot, Vieuxtemps, Viotti, Rode and Haydn. The senior examination may consist of the *Twenty-four Caprices* of Rode, DeBeriot's *L'Ecole Transcendante* and concertos by Spohr, Mozart and Nardini, together with sonatas by Mozart and Beethoven.

WIND INSTRUMENTS

Those entering this department for the first time will be primarily concerned with the building of a good embouchure and the acquiring of a good tone, good articulation, and the control necessary for good phrasing. More advanced pupils will be introduced to a wide range of literature for their particular instrument, and for junior and senior standing will be examined on material comparable in difficulty to that required by other departments.

ENSEMBLE

Students who are sufficiently advanced are given opportunity for ensemble work in string and piano classes.

CHORAL ENSEMBLE

According to present custom, Handel's *Messiah* is sung each year at Christmas. In addition, other choral works are given in the spring festival. Mendelssohn's *Elijah*, Rossini's *Stabat Mater*, Verdi's *Manzoni Requiem* and *La Traviata*, Bach's *Passion According to St. Matthew*, Gluck's *Orpheus*, Schubert's *Mass in E flat Major*, and Bizet's *Carmen* have been given in recent years.

DEGREES CONFERRED JUNE 7, 1948

HONORARY DEGREES

- HOWARD B. JEFFERSON, *Doctor of Laws*
GEORGE BABCOCK CRESSEY, *Doctor of Humane Letters*
LEWIS DON LEET, *Doctor of Science*
DAVID TIN HLA, *Master of Arts*

THE DEGREE OF BACHELOR OF ARTS WITH HONORS

- GLEN ALLEN BAMMANN, Theatre Arts *Among These Licking Hills*
JOAN MAE BERNER, Mathematics *A Study of Group Theory with Certain Applications*
WILLIAM SANFORD BUTLER, Economics *A Consumer Survey to Discover the Relative Importance of Various Factors Affecting Choice of Food Products and an Evaluation of Those Factors by Income, Occupation, Education, and Family Size Group*
HELEN MARGARET CARPENTER, Economics *A Study of the External Trade of the U.S.S.R. as It Affects the Political Relationship Between the Soviet Union and the United States*
JAMES CURREY HINKLE, English *A Critical Analysis of Major American and European Novels and Novelists Since 1918*
HAROLD ROWE HOLBROOK, Theatre Arts *Personality Portraits from Literature and Life*
EDWARD MALCOLM MCANINCH, Chemistry *The Spectrophotometric Analysis for Carotene*
CATHERINE HELEN NIEMITZ, Mathematics *An Analysis of the Moment Generating Function in Mathematical Statistics*
RUTH ANNE ROLT-WHEELER, English *The Spirit of Affirmation in Recent American Poetry*
CHESTER WALLACE WHITT, History *The Origins of Separatism and Congregationalism in England*

THE DEGREE OF BACHELOR OF SCIENCE WITH HONORS

- ANNE (HODGES) BOLGIANO, Mathematics *Pascal's Contribution to Projective Geometry*
FRANCIS EDWARD SCHWEITZER, Chemistry *A Comparison of Some Spectrophotometric Methods for the Determination of Iron*

THE DEGREE OF BACHELOR OF ARTS

Norma Jean Ackley	Sidney John Drumheller
Margery (Marr) Adams	Elizabeth Anne Eberhart
Edward McCulloch Allen	Richard Paul Einwalter
Walter George Alpaugh, Jr.	Joanne Virginia Enerson
Harold Eugene Altherr	Robert Lester Englehart
Susan Anne Anderson	Jacob Raymond Entenman
Rosemary Donley Arenth	Richard Alton Erney
Robert Elton Arnold	Charles Robert Evans
Carolyn Jean Bagnall	Robert Lewis Findeisen
Virena Vivian Baker	George Carleton Flanner
Gordon Leslie Banks	Jean (DeTar) Ford
Janice Elaine Bardeen	Barbara Harriet Forsaith
Melvin Louis Barnes	William Stanley Fortner
Barbara Ann Batteurs	Bruce David Fowler
John Wade Battles	Ralph Colvin Fox
James Keener Bennett	Barbara Lee Frederick
Marie Bennett	Mary Virginia Fuller
Harlan Paul Betz	Joyce Alice Gafford
Alfred Joseph Bjelke	Elizabeth Anne Gangware
Robert Arthur Bless	Dorothy Alice Gantz
Margaret Boggis	Gerald Jay Gaynor
Elizabeth Helen Bray	Lois Jean Gehrig
James Edward Brennan	Gayla Tarbill Gerwin
William Frank Brosend	Naomi Stephanie Goldberg
Barbara Belle Brown	Carol Schuster Goss
Janet Lucille Brown	Walter George Gowans
Mary Bland Bushnell	Zelma (Snyder) Graham
Janet Kathryn Byers	Thomas Holl Gray
Kenneth Lee Cagwin	Loretta Marie Griffin
Charles Arthur Campbell	Joanne Margaret Gummere
Suzanne Campbell	Anita Jane Hancock
Patricia Allene Cessna	Richard Marshall Hanhart
Walter William Cheslock	Elizabeth Jane Harman
Catherine Arnold Clark	William Allan Harrison, Jr.
Barbara Janet Claus	Martha Lydomar Harter
Patricia Jane Cober	George Joseph Hartley
James Carl Cochran	John Sturgeon Hasset
John Charles Collison	Doris Mae Hawk
Florence Monroe Conrad	Joseph Herman Heare
Alice Estelle Craig	Charlotte Heffron
Virginia Craig	Ruth Anne Heitz
Glenn Harry Culp	Martha Walker Holder
Hal La Rue Curtis	Raymond Lee Hooper, Jr.
Hugh Wetheralt Daniell	Louis Joseph Hummel, Jr.
James Robert Daniell	Hugh Emmett Irwin
Virginia Isabel Dare	Rosemary Ruth Irwin
Richard Fairall Dauenhauer	Robert Johnson Jain
Betty Jane Davis	Nettie Lou Jenkins
Sarah Jeanne Davis	Louis Koehler Jensen
Camille Jeanne Dawson	Charles Howard Johnson II
Rosemary De Coster	Elsie Marie Johnson
Olney Dekker	Shirley Louise Johnson
Thomas Albert Doeller	Mary Frances Kaler
Peter Draz	Fay Ada Kesselring

William John Krantz
 Shirley Jane Kredel
 Jane Mabel Kull
 Frank Joseph Lamping III
 Otto John Landefeld
 Robert Dale Lane
 Joan La Ross
 Margery Alden Lawrence
 Kennedy Legler, Jr.
 Jane Lindsey
 Robert Hope Mac Keever, Jr.
 James Russell MacSwords, Jr.
 Louis Franklin McClaskey
 George Buchanan McClellan, Jr.
 Charles Alexander McCune
 Mary Ellen McIntosh
 William Howard Mandry
 Robert Alan Marmaduke, Jr.
 Patricia Louise Marshall
 Geraldine Elizabeth Martin
 Nicholas Martin III
 Anne Harwell Matteson
 William Chapman Maxwell
 Betty Frances May
 Robert Eugene Miller
 William George Miller
 Julia Anne Mills
 Marilyn Patricia Moore
 Ann Virginia Napier
 Benjamin Frederick Neal
 Richard Hoagland Neeld
 Marjorie Ellen Neely
 James Albert Nydam
 Carolyn Oakes
 Harriet Evelyn Oestmann
 Wanda Adele Ogden
 Barbara (Schock) Overhuls
 Joyce Alice Palmer
 Marilyn Parrott
 Mary Jean Paul
 Barbara Viley Pearson
 Polly Perkins
 Eleanor (Harper) Peterson
 J. Walter Poorman
 Jack Milton Powell
 Robert Neil Powers
 Kathleen (McGinnis) Pugsley
 Marilyn Elinor Ramsey
 Bruce Francis Randall
 Louis Joseph Raymond, Jr.
 Janet Rea
 Mary Elizabeth Rich

Marmet Pierre Richards
 Cynthia Lynn Richardson
 Madonna Helen Riley
 Paul Alden Robinson
 Carl Joseph Roesch
 Richard Harding Roll
 Dana Clay Savage, Jr.
 Richard Charles Schettler
 Janet Ann Schoenberg
 Marjorie Katherine Schroeder
 Gretchen Jean Scott
 Miriam Reta Sewell
 Mary Patricia Shanor
 Howard Gordon Shaw
 Jay Flood Shaw
 Betty (Burgett) Shelford
 Joan Mary Shorley
 Arthur Christian Silber, Jr.
 Roger Tatman Slaydon
 John Luther Snider
 Marie Antoinette Stornelli
 Virginia Stout
 Frank Paul Sullivan
 Henry Robert Sutton
 John Leonard Sutton
 Elisabeth Paxton Swiler
 Alice Marie Tait
 Hisako Takehara
 Olga Tender
 Dexter Corwin Tight
 Margaret (Mickle) Tregoning
 Patricia Faye Tribble
 Patricia Jane Tucker
 David Lanning Upham
 Marjorie Lois Wadsworth
 Ann Katherine Wagoner
 Betsy Adelia Wallace
 Maurice Carlyle Walworth
 Phillip Lincoln Ward
 Frances Lucile Watkins
 Charles Elon Weaver
 Vera Katherine Welch
 John Daggett Wells
 Richard Charles Welsbacher
 Bernard Peter Wentis
 Mary Joan Williamson
 Gene Andrew Wilson
 Helen Lois Wimmersberger
 Janet Wrede
 Jane (DeGroat) Wyatt
 Kenneth William Young
 Charles Ernest Youngblood

THE DEGREE OF BACHELOR OF MUSIC

Marjorie Newton Beardslee
 Marguerite Edna Sharp

William Arthur Vogel

THE DEGREE OF BACHELOR OF SCIENCE

Janet Ellen Bailey
 Paul Franklin Biefeld
 Calvin Arthur Boyles
 Kay (Eldredge) Closen
 Alban Wasson Coen II
 Fred Robert Di Tirro
 Barbara Coleman Etzel
 Gerald Clarence Friend
 Carl Winfield Hummer, Jr.
 Ruth Lorene Johnson
 Oswald Thomas Jones
 Patricia Melita Knight
 Ann Meckel
 Jean Bernice Moses

Charles Ault Murrey
 Helen Elizabeth Norman
 Keith Williams Robinson
 Charles Franklin Salt, Jr.
 Weston Morse Seagrave
 Clara Jean Van Nest
 David Twining Whitecomb
 Thomas White, Jr.
 Betty Jane Wills
 Walter Herbert Witt
 Donald Duane Woodring
 Eugene Norman Wyler
 William Thomas Yost

HONORS AND AWARDS 1947-48

GENERAL HONORS

Helen Carpenter

ANNUAL HONORS (SENIORS ONLY)

Edward Allen
 Patricia Knight

Edward McAninch

ELECTED TO PHI BETA KAPPA

CLASS OF 1948

Joan Berner
 *Helen Carpenter
 Richard Einwalter
 Kennedy Legler
 Mary Ellen McIntosh

Mary Jean Paul
 Dexter Tight
 Ann Wagoner
 Chester Whitt

CLASS OF 1949

*Jack Bertsch

Denison University Research Foundation Prize
 (Best Senior Honors Thesis judged on basis of research)

Helen Carpenter

VICTORY SCHOLARSHIP

William Henderson (honorary)

JOHN L. GILPATRICK SCHOLARSHIP FOR EXCELLENCE
IN MATHEMATICS

Joan Berner and Catherine Niemitz *tied*

EBENEZER THRESHER SCHOLARSHIP FOR FRESHMAN MAN WITH
HIGHEST AVERAGE

Laurence Crocker
 Charles De Cordova
 William Roach

James Toy
 Elmer Vastyan

*Elected in junior year.

DENISON UNIVERSITY RESEARCH FOUNDATION SCHOLARSHIPS

Rene Faux

Helen Carpenter *for graduate study*

H. Kendall Reynolds

SAMSON TALBOT BIBLE READING CONTEST

Patricia Tucker and Elizabeth Summerhays *tied*

LEWIS LITERARY PRIZE CONTEST

Paul Schuch and Luther W. Smith, Jr., *tied for first*Robert Bles and Joseph Neath *tied for second*

WOODLAND PRIZES IN CHEMISTRY

Philip Horton, *first*Speros Mandamadiotis and Robert Hiltibran, *tied for second*

CHI OMEGA SOCIOLOGY PRIZE

Mary Joan Williamson

ELIZA SMART SHEPARDSON SCHOLARSHIP (MUSIC)

Marjorie Beardslee

Marilou Taggart

Antoinette Stornelli

GERTRUDE CARHARTT BRELSFORD MEMORIAL SCHOLARSHIP (MUSIC)

James Toy

CORA WHITCOMB SHEPARDSON SCHOLARSHIP (ART)

Janet Byers

Charles Weaver

DANIEL SHEPARDSON MEMORIAL SCHOLARSHIP FOR
CHRISTIAN SERVICE

Carolyn Olney

PRESSER FOUNDATION SCHOLARSHIP (MUSIC)

Marjorie Beardslee

Carolyn Olney

Raymond McLain

Virginia Vernon

LAURA F. PLATTS SCHOLARSHIP (SERVICE)

Hisako Takehara

MARY HARTWELL CATHERWOOD SCHOLARSHIP (Creative Writing)

Paul Shelford

W. CLARENCE EBAUGH AWARD IN CHEMISTRY

Francis Schweitzer

LOUIS KUSSMAUL FRIENDSHIP AWARD

John Ward

CLARA HUDSON KING MEMORIAL AWARD IN ART

Marjorie Wadsworth

FRESHMAN CHEMISTRY MEDAL

David Heiser

THEATRE ARTS SCHOLARSHIP

C. Richard Weir

SIGMA DELTA PI SPANISH MEDAL

Lucy Amner

Janet Lodge

Carl Brandfass, Jr.

Margaret Metcalf

GRANVILLE CENTENNIAL SCHOLARSHIP FOR 1948-49

Marjorie Packer

SUMMARY OF STUDENT ENROLLMENT

1948-1949

DENISON UNIVERSITY

	First Semester		Total
	Men	Women	
Post Graduate -----	1	0	1
Seniors -----	153	134	287
Juniors -----	212	113	325
Sophomores -----	210	141	351
Freshmen -----	235	162	397
Total -----	811	550	1,361
Part-time (college rank) -----	4	9	13
Conservatory of Music			
College rank -----	210	183	393
Non-college -----	0	10	10
Total -----	210	193	403
Grand Total, exclusive of repetition -----	815	569	1,384
Veterans -----	394	2	396

STUDENT ENROLLMENT—1948-49

(Ohio unless otherwise indicated)

*Registered in Conservatory of Music except in ensemble groups

PT indicates part-time student

Ackerman, Sara, Jr.	.....New Haven, Conn.	Basler, Donalds, So.	.....River Forest, Ill.
Ackley, Beatrice, Fr.	.....Detroit, Mich.	*Bateman, Richard, Jr.	.....Zanesville
Adams, Clifford, Sr.	.....Granville	Bauknecht, Nancy, Sr.	.....East Palestine
Adams, Thomas, Fr.	.....Birmingham, Mich.	Baumbush, Betty, Sr.	.....Mount Vernon, N. Y.
Ahlers, John, Jr.	.....Dayton	Baxter, A. Kenneth, So.	.....New Rochelle, N. Y.
Albaugh, Joyce, So.	.....Harrington Park, N. J.	Bears, W. Whitman, So.	.....Greenwood, Mass.
Alber, Charlotte, So.	.....Arlington, Mass.	Redell, C. Barrie, Fr.	.....Park Ridge, Ill.
Albershardt, William, Sr.	.....Columbus	Beltz, Joan, Jr.	.....Elyria
Alexander, George, Fr.	.....Clarion	Bennett, Doris, Jr.	.....Williamsville, N. Y.
Allen, Elizabeth, So.	.....Sioux Falls, S. D.	Benoy, W. Halden, Sr.	.....Granville
Allen, Richard, So.	.....Melrose, Mass.	Benson, R. Richard, Jr.	.....Indianapolis, Ind.
Altmeier, Lois, Sr.	.....Oak Park, Ill.	Bentley, Robert, So.	.....Detroit, Mich.
Amner, Alice, Fr.	.....Kent	Bentsen, William, Jr.	.....Chicago, Ill.
*Amner, Lucy, So.	.....Kent	Berger, Don, Fr.	.....Lansing, Mich.
Anderson, Lois, Jr.	.....Shaker Heights	Bergoeh, Frank, Jr.	.....Euclid
Andrews, David, Fr.	.....Wellington	Bergquist, George, Fr.	.....Jamestown, N. Y.
Andrews, R. Phillips, Sr.	.....Dayton	*Berthold, Robert, So.	.....Defiance
Angus, Carolyn, Sr.	.....Cincinnati	Bertsch, Jack, Sr.	.....Newark
*Angus, John, Jr.	.....Cincinnati	Bethke, Sally, So.	.....Wooster
Antle, Phyllis, So.	.....Westfield, N. J.	Bittinger, Doris, Jr.	.....Lakewood
Appelquist, Jean, Jr.	.....Pittsburgh, Pa.	Blackadar, Margaret, Jr.	.....Watchung, N. J.
Apter, Thomas, So.	.....Granville	Blackmore, Marian, Jr.	.....Grosse Pointe, Mich.
Armbrcht, Joanne, So.	.....Wheeling, W. Va.	Blackmur, Robert, So.	.....Minneapolis, Minn.
Armstrong, Charles, Jr.	.....Newark	Blair, Thomas, Fr.	.....Detroit, Mich.
Armstrong, William, Fr.	.....Shaker Heights	*Blashill, John, Sr.	.....Fullerton, Calif.
Arnold, Thomas, So.	.....Bradford	Blertz, Joan, Jr.	.....Detroit, Mich.
Ashbrook, Charles, So.	.....Crystal Lake, Ill.	Blinc, P. Eugene, Fr.	.....Granville
Ashbrook, B. Eugene, Fr.	.....Scarsdale, N. Y.	Bloomfield, C. Richard, Jr.	.....New Rochelle, N. Y.
Ashbury, Robert, Sr.	.....Granville	Blowers, Peggy, Jr.	.....Rocky River
Aszman, Joyce, Fr.	.....Newtown	Blunden, D. Jack, So.	.....Detroit, Mich.
Atwell, Don, Sr.	.....Sewickley, Pa.	Blungt, Barbara, Jr.	.....Cumberland, Md.
Austin, Richard, Fr.	.....Flossmoor, Ill.	Bognart, Frederick, Fr.	.....Marshalltown, Iowa
*Babbage, Jewelle, So.	.....Columbus Grove	Boggs, Edward, So.	.....Zanesville
Bach, Ferdinand, Fr.	.....Detroit, Mich.	Boice, Glen, So.	.....Kirkersville
Bacon, Jean, Fr.	.....Rochester, N. Y.	Bonesteel, Richard, Fr.	.....Canton
Bacon, Merle, Fr.	.....Newark	Bonham, William, Fr.	.....Cambridge
Baer, Carl, Fr.	.....Mansfield	Boorn, Betsy, Fr.	.....Oak Ridge, Tenn.
Baer, Harold, So.	.....Cranston, R. I.	Borger, Howard, So.	.....Clarksburg, W. Va.
Bailey, Carol, So.	.....Columbus	Borgmann, Florence, So.	.....St. Louis, Mo.
*Bailey, Marjory, Sr.	.....Park Ridge, Ill.	Bosley, J. Robert, So.	.....Oakland, Md.
Bailes, Mary, Fr.	.....Park Ridge, Ill.	Bourdau, Harry, So.	.....Ashbela
Baitinger, Henry, Fr.	.....Brooklyn, N. Y.	Bovington, John, Fr.	.....Shaker Heights
*Baker, Donna, Jr.	.....Columbus	Bowlus, Donald, Sr.	.....Granville
Baker, Lucy, Sr.	.....Toledo	Bowler, Rachel, So.	.....Cincinnati
Baker, Walter, Jr.	.....Bridgeville, Pa.	Boydell, John, Fr.	.....Grosse Pointe, Mich.
Baldwin, Barbara, So.	.....Buffalo, N. Y.	Boyer, Ann, Jr.	.....Coshocton
Baldwin, Nancy, So.	.....Buffalo, N. Y.	Boyer, John, So.	.....Columbus
Bail, Nancy, Sr.	.....Birmingham, Mich.	Bracken, John, Jr.	.....Newark
Banta, Milton, Sr.	.....Detroit, Mich.	Bradley, Merlin, So.	.....Berrien Springs, Mich.
Barb, Lewis, Sr.	.....Egbertsville, N. Y.	Braham, Janet, Jr.	.....Dayton
Barb, Audrey, Jr.	.....Egbertsville, N. Y.	Brandfass, Carl, Sr.	.....Granville
Bar Hoover, Robert, Fr.	.....Hubbard	Brandfass, Eleanor, So.	.....Wheeling, W. Va.
Barnes, Robert, Jr.	.....Toledo		
Barnes, William, So.	.....Lancaster		
Barnhart, Carl, Fr.	.....Refugio, Texas		
Barriger, A. Norris, Fr.	.....Louisville, Ky.		
Barrrows, John, Fr.	.....Jamestown, N. Y.		
Bartholomew, Jane, Sr.	.....Pittsburgh, Pa.		
Barton, Barbara, So.	.....Bethlehem, Pa.		
Baschen, John, Jr.	.....Wheaton, Ill.		
Basinger, Diana, Fr.	.....Lima		
*Basinger, Joanne, Fr.	.....Shaker Heights		

Brannan, Alice, Sr.	Hudson	Carey, Donald, Fr.	White Plains, N. Y.
* Branstetter, Constance, Fr.	New Castle, Pa.	Carey, Richard, So.	White Plains, N. Y.
Branthoover, Wilbur, Jr.	West Newton, Pa.	Carsell, John, Fr.	Laceyville, N. Y.
Bray, Janet, So.	Shelton, Conn.	Carr, David, Jr.	LaGrange, Ill.
Bredt, Jack, Sr.	Rocky River	Carr, Janice, Sr.	Dayton
Breed, William, Fr.	North Canton	Carstensen, Jane, So.	Chevy Chase, Md.
Bren, Donald, Jr.	Caldwell, N. J.	Carter, Janice, So.	Valley Stream, N. Y.
Brest, Lynn, Jr.	Orrville	Carto, Willis, So.	Mansfield
Bridge, Robert, Jr.	Grosse Pointe, Mich.	Case, Evelyn, Jr.	Mountain Lakes, N. J.
* Briefier, Charles, So.	New York, N. Y.	Case, Marion, So.	Mountain Lakes, N. J.
Briggs, Loren, Jr.	Granville	* Cassidy, Jean, Jr.	Jamaica Plain, Mass.
Bright, Joann, Sr.	Columbus	Cavagrotti, John, Sr.	Granville
Brisley, Frank, So.	Columbus	Chamberlain, Eugene, Jr.	Granville
Bro, Andrew, Fr.	Mt. Carroll, Ill.	Chamberlin, Daniel, Fr.	Rocky River
* Brokaw, Virginia, Sr.	Interlaken, N. Y.	Chaney, David, Fr.	Newark
Brooks, Douglas, So.	Beaver Falls, Pa.	Chanley, Paul, Fr.	Carthage, N. Y.
Brooks, Linden, Fr.	Fostoria	Chase, F. Richard, So.	LaGrange, Ill.
Broughton, Richard, Fr.	Dayton	Chase, Suzanne, Fr.	Chicago, Ill.
Brower, Rodney, Fr.	Middleport, N. Y.	Cherry, James, So.	Toledo
Brown, Beverly, Fr.	Springfield	Cherry, Richard, Fr.	Granville
Brown, Charles, So.	Warren, Pa.	Christian, Barbara, Sr.	Dayton
Brown, David, Jr.	West Lafayette	* Chu, David, Jr.	Philadelphia, Pa.
Brown, Dirck, Jr.	Granville	* Chu, Eileen, Jr.	Philadelphia, Pa.
Brown, Donald, Fr.	Camp Hill, Pa.	Clark, Harry, Sr.	Kirkersville
Brown, Dorothy, Fr.	Evanston, Ill.	Clark, Phoebe, Fr.	Granville
Brown, Helen, Fr.	Evanston, Ill.	Clarke, Kenneth, Fr.	Oak Park, Ill.
Brown, Leland, Jr.	Lexington, Ky.	Clarke, William, So.	Canton
* Brown, Patricia, Fr.	Bethlehem, Pa.	Cleland, Donald, So.	Charleston, W. Va.
Brown, Ralph, Jr.	Wheaton, Ill.	Clement, Donald, Jr.	Nashua, N. H.
Brown, Sara, So.	River Forest, Ill.	Clemm, Donald, Sr.	Mt. Gilead
Brown, Susan, Jr.	Toledo	Clester, Don, Fr.	Ironton
Brown, Van, Jr.	Granville	* Cober, Miriam, So.	Lakewood
Browne, Stuart, Sr.	Marion	Cochran, Janet, Fr.	Columbus
Bruzgemann, George, So.	Fostoria	Cochran, Rolla, Sr.	Trinway
Bryant, John, Sr.	Charleston, W. Va.	Coe, Norma, So.	Canfield
Buchanan, Richard, Sr.	Massillon	Cole, Edward, Fr.	Lakewood
* Buchanan, Sandra, Jr.	Western Springs, Ill.	Collier, Margaret, Sr.	Terrace Park
Buck, Whitney, Fr.	Detroit, Mich.	Collier, Patricia, Sr.	Birmingham, Ala.
Budd, George, Sr.	Newark	Collings, Nancy, Sr.	Midland, Mich.
Buder, Joseph, So.	Sandusky	* Condit, Phyllis, Jr.	Dayton
Buehner, Charles, So.	Findlay	Cone, Robert, Jr.	Hudson
Buehler, David, So.	Granville	Connor, William, Sr.	Billings, Montana
Burdick, Ruth, So.	Strongsville	Converse, Phillip, Sr.	Drury, Mass.
Burdall, Herbert, So.	Alexandria	Cook, Edwin, Fr.	Mansfield
Burnes, David, Fr.	Fairfield, Conn.	Cook, James, So.	Lansing
Burnes, James, Fr.	Fairfield, Conn.	Cooper, Dorothy, Jr.	Columbus
Burnip, Wendy, So.	Cleveland	Cooper, George, Jr.	East Cleveland
Burnley, H. Parker, So.	Medina, Pa.	Copperider, Tom, So.	Newark
Burns, Louis, So.	Mansfield	Cope, Donald, Fr.	Chagrin Falls
Burris, J. Robert, So.	Granville	Coveland, William, Sr.	Butler, Pa.
Burroughs, Ardis, Fr.	Cuyahoga Falls	Cotesworth, Barbara, Fr.	Cleveland Heights
Busby, Jane, PT.	Newark	Coulter, Joseph, Jr.	Glencoe, Ill.
Butler, H. Martin, Fr.	Newark	Couse, Blake, Fr.	Northville, Mich.
Byers, Everette, So.	Youngstown	Cover, Franklin, So.	Cleveland
Byers, Nancy, Sr.	Madison, N. J.	Covington, Lucy, So.	Ashland, Ky.
Byrd, Marilyn, Fr.	Pt. Lauderdale, Fla.	Cowan, Jerry, So.	Columbus
Caillor, Barbara, Jr.	Youngstown	Cox, Marilyn, So.	Chagrin Falls
Calhoun, Charlene, Jr.	Columbus	Cox, William, Jr.	Dayton
Calhoun, Marinel, Sr.	Greenville, S. Carolina	Craig, William, Jr.	Dayton
Callaway, Ben, Jr.	New Rochelle, N. Y.	Crain, Robert, Jr.	Akron
Calvert, Ruth, Jr.	Charlotte, N. Carolina	Cramblett, Mary Lou, Fr.	Fiffinham, Ill.
Cameron, Richard, Jr.	Washington, Pa.	Cramer, Marlyse, Fr.	Haddonfield, N. J.
Cameron, Wilfred, Jr.	Washington, Pa.	* Crangle, Marjorie, Sr.	Cleveland
Cann, Dorothy, Jr.	Granville	Crawley, Peggy, Fr.	Peoria, Ill.
Campbell, Betty, So.	Lima	* Cronen, Miriam, Fr.	Corning, N. Y.
Campbell, Dixie, Sr.	Cincinnati	* Crocker, Laurence, So.	Granville
Campbell, Keith, Fr.	Winnetka, Ill.	Crosby, Marilyn, So.	Cleveland Heights
Campbell, Marion, So.	Menistee, Mich.	Cross, Lee, Fr.	Chicago, Ill.
Campbell, Phyllis, Jr.	Albany, N. Y.	Crossland, Elizabeth, Jr.	Zanesville
		Crowell, Jacquelyn, So.	Oak Park, Ill.
		Cruikshank, Marilyn, So.	Detroit, Mich.
		Cuddy, Nan, Fr.	Novelty
		Culbertson, Ruth, Sr.	Youngstown

STUDENT ENROLLMENT

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Culver, John, Jr.	Granville	Eckelberry, Emily, Fr.	Columbus
Cummins, Joan, Fr.	Hamilton	Egerly, James, Fr.	San Mateo, Calif.
Cunnings, William, Jr.	Granville	Edwards, Fred, So.	Newark
Currier, Fay, PT.	Ossining, N. Y.	Edwards, Thomas, Fr.	Shaker Heights
Cutter, Janet, Fr.	Shaker Heights	Eggers, Carolyn, So.	Shaker Heights
Daganhardt, Donn, So.	Piqua	Ehler, Robert, Jr.	Cleveland Heights
Damron, Ruth, Sr.	Mansfield	Eichelberger, Suzanne, Fr.	Chagrin Falls
Daniels, Bennett, Sr.	Willoughby	Eichhorn, Richard, Fr.	Columbus
Daniels, Charles, Fr.	Granville	Elliott, John, So.	Coshocton
Dankel, Howard, Fr.	Youngstown	Elliott, Richard, So.	Pittsburgh, Pa.
Dannecker, Donald, So.	Grosse Pointe, Mich.	Ellis, Richard, Fr.	Wilmington
Darling, Robert, Fr.	Chicago, Ill.	Elsaesser, Robert, Sr.	Canton
Davies, Douglas, So.	Stamford, Conn.	Emery, Roberta, So.	Orlando, Fla.
Davis, Arthur, Sr.	Coshocton	Emery, Suzanne, So.	Pittsburgh, Pa.
Davis, Helen, Jr.	Cumberland, Md.	Emawiler, Herbert, Fr.	Columbus
Davis, JoAnne, So.	Muncie, Ind.	Eriksen, Carolyn, Fr.	Maumee
Davis, Janet, Fr.	Cleveland	Erler, Mary, So.	Toledo
Davis, Thomas, Jr.	Mt. Gilead	Ernst, Doris, So.	Akron
Davis, Webster, Fr.	Columbus	Erskine, Ray, Sr.	Marion
Davison, Albert, Jr.	Newark	Eschmeyer, Marian, Fr.	Rochester, N. Y.
Dawson, George, Sr.	Shaker Heights	Evans, Beverly, Fr.	Ravenna
Deal, Mollybelle, Fr.	Canton	Evans, Thelma Jeanne, So.	Carnegie, Pa.
Dean, Florence, Jr.	Rochester, N. Y.	*Everhart, David, Jr.	Granville
Dean, G. Robert, Fr.	Rochester, N. Y.	Fairless, David, Sr.	Grosse Pointe, Mich.
Decker, Margaret, Sr.	Parma	Fareh, Daniel, Fr.	Shaker Heights
DeCordova, Charles, So.	New York, N. Y.	Farley, Roger, Fr.	Canton
Deedrick, Stephen, Fr.	Mt. Vernon	Farr, Robert, Jr.	Granville
Deedrick, William, Jr.	Mt. Vernon	Farrow, Barbara, So.	Chagrin Falls
*Deer, Donald, So.	Westfield, N. J.	Fassett, Joe, Fr.	Findlay
deLackner, Barbara, Fr.	Scarsdale, N. Y.	Fast, Howard, Sr.	Chagrin Falls
Delkin, F. Ladd, Fr.	Bellevue, Wash.	Faut, Suzanne, Fr.	Troy
Denman, Thomas, Jr.	Upper Sandusky	Faux, Rene, Sr.	Newark
Dennis, Margaret, So.	Santa Monica, Calif.	Fay, Joanne, So.	Mansfield
Detchon, Carl, So.	Youngstown	Feesler, Lewis, Jr.	Seville
DeVore, Dorothy, Fr.	Rittman	*Fein, Morton, Sr.	New York, N. Y.
Dick, Paul, Sr.	Granville	Feldmiller, Victor, Sr.	Mt. Vernon
Dieterich, Robert, Jr.	Utica	Felger, Forest, So.	Chagrin Falls
Dinsmore, Ray, Sr.	Akron	Fellbaum, Don, So.	Findlay
Dippel, Albert, So.	Baraboo, Wis.	Felton, Edward, Fr.	Needham, Mass.
Dix, Albert, So.	Colerain	Fenwick, Jane, Fr.	Cleveland Heights
Dix, Barbara (Schutz), Jr.	Granville	Ferguson, Don, Fr.	Athens
Dix, C. Raymond, Sr.	Granville	Ferguson, J. Frank, Jr.	Hanover
Dixey, Lois, Jr.	Granville	Ferguson, Hartley, Sr.	Granville
Dixon, Henry, Sr.	Leamington, Ont., Can.	Field, Paula, So.	Detroit, Mich.
Dold, Charles, Fr.	Wilmette, Ill.	Fisebach, David, Jr.	Lansing, Mich.
Dougall, Mary, So.	Cobleskill, N. Y.	Fischbach, Mary Ellen, So.	Lansing, Mich.
Dougherty, Rodney, Jr.	Oak Park, Ill.	Fitton, John, Fr.	Hamilton
Doyle, Harold, PT.	Newark	Flagg, R. Edward, Fr.	Alexandria
Dozer, William, Sr.	Roseville	Fleitz, William, Jr.	Newark
Dresser, William, So.	Detroit, Mich.	Fleming, Robert, Jr.	Riverside, Calif.
Drew, Barbara, Jr.	Flossmoor, Ill.	Fletcher, Stephen, Jr.	Granville
Driver, James, Fr.	Alden, N. Y.	Florian, Donald, So.	Kirkersville
*Drobsch, Ramona, Sr.	Toledo	Fogg, Elizabeth, Sr.	Ithaca, N. Y.
Dublin, Russell, Jr.	Granville	Fonganna, John, Jr.	Lansing, Mich.
DuBois, Fredric, Fr.	Kent	Foote, Donna, Fr.	Loveland, Colorado
Ducro, Carolyn, So.	Ash-tabula	Foote, Rosemary, Jr.	Grand Rapids, Mich.
Ducro, George, Fr.	Ash-tabula	*Ford, Constance, Fr.	Newton Centre, Mass.
Dugger, Helen, Sr.	Glen Elyn, Ill.	*Forry, Jacqueline, Fr.	Granville
Dunn, Don, So.	River Forest, Ill.	Forsythe, Jean, So.	Cambridge
*Duncan, Stanley, Fr.	New Castle, Ind.	Foulds, Alma Jean, Sr.	Webster, N. Y.
Duncan, J. William, Fr.	Newfane, N. Y.	Fox, Robert, Sr.	Grosse Pointe, Mich.
Dungan, Jean, Fr.	Troy	Foy, Robert, Jr.	Clifton, N. J.
Dunkel, John, Jr.	Granville	Fraas, Patricia, Sr.	Dayton
Dunn, William, Fr.	Columbus	Frane, John, So.	Granville
Dyer, Cyril, So.	Detroit, Mich.	*Franklin, June, Sr.	Toledo
Early, Phyllis, Sr.	Dayton	Fraser, Jane, Fr.	East Liverpool
Eaton, David, Jr.	Springfield, Mass.	Frease, John, Jr.	Granville
Eaton, W. Merwin, Sr.	Granville	Freer, Mary Alice, So.	Shaker Heights
Echols, Nancy Lee, Jr.	Mt. Vernon, Ill.	Friberg, John, So.	Squantum, Mass.
		Friedrichs, Elisabeth, Fr.	Hillsdale, Mich.

- Friable, William, So. ----- Chicago, Ill.
 Frost, Richard, Jr. ----- Pittsburgh, Pa.
 Frush, Charles, So. ----- Newark
 Fry, Louis, So. ----- Arlington, N. J.
 Fry, Richard, Sr. ----- Arlington, N. J.
 Fuller, James, Sr. ----- Kenmore, N. Y.
 Gairfonght, James, So. ----- Norfolk, Va.
 *Gallagher, John, So. ----- Springfield
 Gass, John, Jr. ----- Toledo
 Gaston, John, Jr. ----- Chillicothe
 Gebhardt, Carl, Fr. ----- Toledo
 *Geffine, Edna, Sr. ----- Shaker Heights
 Geiger, Donald, Jr. ----- Lakewood
 Geiger, Douglas, Jr. ----- Lakewood
 Geis, Jean, Jr. ----- Youngstown
 Gessler, Howard, Sr. ----- Joliet, Ill.
 Gemmill, Nancy, Fr. ----- Belle Vernon, Pa.
 Gerace, Joseph, So. ----- Lakewood, N. Y.
 Gernhardt, George, Jr. ----- Mansfield
 *Gibbs, James, Fr. ----- Louisville, Ky.
 Gibson, Barbara, Sr. ----- Detroit, Mich.
 Giesler, David, So. ----- Detroit, Mich.
 Gilbert, Ralph, Jr. ----- Lakewood
 *Gillen, Margaret Ann, Fr. ----- Wellston
 Gillies, Jean, So. ----- Evanston, Ill.
 Gillingham, James, Sr. ----- Granville
 Glasser, Myra, Sr. ----- Lakewood
 Gleason, Charles, Jr. ----- Chicago, Ill.
 Gleiss, George, Fr. ----- Detroit, Mich.
 Gleiss, Henry, So. ----- Detroit, Mich.
 Goddard, Homer, Fr. ----- Pittsburgh, Pa.
 Gooding, Chester, Jr. ----- Dayton
 *Goodridge, Carol, Jr. ----- Newfane, N. Y.
 Goodrich, Paul, Jr. ----- Newfane, N. Y.
 Goodsell, Joanne, Fr. -----
 ----- Grosse Pointe Pk., Mich.
 Goodwin, Joyce, Fr. ----- Columbus
 Goodwin, Nancy, Sr. ----- Brackenridge, Pa.
 Gordon, L. James, Jr. ----- Granville
 Goss, Norval, So. ----- Columbus
 Goss, Richard, Sr. ----- Columbus
 Gosser, Suzanne, Fr. ----- Canton
 Gossett, Robert, Fr. ----- Lancaster
 Gould, James, Fr. ----- East Aurora, N. Y.
 Gove, Donald, So. ----- Oberlin
 Graham, Verna Beth, Jr. -----
 ----- Morgantown, W. Va.
 Grail, Don, Fr. ----- Fairview Village
 Grauer, Pauline, Fr. ----- Chicago, Ill.
 Gravenzaard, Peter, Jr. ----- Cincinnati
 Gravett, Richard, Sr. ----- Granville
 Graybill, Mary Jane, Sr. ----- Dayton
 Greene, Leon, Jr. ----- Ontario, N. Y.
 Greene, Tom, Fr. ----- Columbus
 Greenfield, Barbara, So. ----- Evanston, Ill.
 Greenough, Lewis, Jr. ----- Granville
 Greer, Robson, Jr. ----- St. Davids, Pa.
 *Greeg, Ben, Jr. ----- Loveland, Colo.
 Grey, Charles, So. ----- Evanston, Ill.
 *Grey, Sarah, Fr. ----- East Lansing, Mich.
 Grierson, Joyce, Sr. ----- Dayton
 Grignon, Marcel, Sr. ----- Algeria, N. Africa
 Grover, Jim, Jr. ----- East Detroit, Mich.
 *Grover, Jane, Fr. ----- Tarrytown, N. Y.
 Guernsey, Peter, So. ----- Tarrytown, N. Y.
 Gullett, Jack, So. ----- Elyria
 Gumm, W. Robert, Sr. ----- Shelby
 Gundlach, Nancy, Sr. ----- Sandusky
 Guster, Richard, Jr. ----- Canton
 Guthridge, Frances, Jr. ----- Wilmette, Ill.
 Guthrie, D. Bruce, Jr. ----- Oak Park, Ill.
 Habbe, Suzanne, Sr. ----- Milwaukee, Wis.
 Haezenmeyer, J. Lynda, Jr. ----- Toledo
 Haider, Elinor, Fr. ----- Toronto, Ont. Can.
 Hall, Marshall, So. ----- Mt. Vernon, Ill.
 Hallberg, Hope, Sr. ----- Park Ridge, Ill.
 Ham, Esther, Fr. ----- Ann Arbor, Mich.
 *Hamblen, Mary Jane, Fr. -----
 ----- Mount Vernon, N. Y.
 Hamilton, Charles, Jr. ----- Ferndale, Mich.
 Hamilton, Richard, Jr. ----- Columbus
 Hamilton, Thomas, Fr. ----- Pittsburgh, Pa.
 Hamilton, William, So. -----
 ----- Independence, Kansas
 Hammond, Robert, Sr. ----- Wilmette, Ill.
 Hance, Bruce, Jr. ----- Freehold, N. J.
 Hanna, Carol, So. ----- Norwood
 Hanna, Hugh, So. ----- Canton
 Hanna, Margaret, Fr. ----- Granville
 Hanna, Thomas, So. ----- Lakewood
 Hanser, Carol, Fr. ----- Northbrook, Ill.
 Hanson, Paul, Jr. ----- Kenmore, N. Y.
 Hansson, James, Sr. ----- Youngstown
 Hardell, Robert, So. ----- Logan, Utah
 Harding, Jacqueline, Sr. ----- Pittsburgh, Pa.
 Hardman, Frances, Fr. ----- Massillon
 Hardwick, Carolyn, Fr. ----- Findlay
 Harlamert, Irvin, Fr. ----- Dayton
 *Harper, Helen, Fr. ----- Evanston, Ill.
 Harris, Robert, So. ----- New Philadelphia
 Harrison, Dolores, Jr. ----- Youngstown
 Hart, David, So. ----- Syracuse, N. Y.
 Hart, William, Jr. ----- East Cleveland
 Hartman, Richard, Jr. ----- Barberton
 Hartmann, Howard, Jr. ----- Pittsburgh, Pa.
 Hartshorn, Molly, Fr. ----- Wayne, Pa.
 Harvey, June, Fr. ----- Wilmette, Ill.
 Harvey, Mary Louise, Jr. ----- Franklin
 Harvey, Phyllis, Jr. ----- Manchester, N. H.
 Hasbrook, Natalie, So. ----- Hinsdale, Ill.
 Hassett, Margaret, Jr. ----- Albany, N. Y.
 Hauser, William, So. ----- Pittsburgh, Pa.
 *Hausman, Ann-Louise, Fr. -----
 ----- Bronxville, N. Y.
 Hawes, Barbara, Jr. ----- Evanston, Ill.
 *Hawes, Harriet, Jr. ----- Granville
 Hawkins, Arnold, Fr. ----- Attleboro, Mass.
 Hawley, Robert, Jr. ----- LeRoy
 Hay, C. Anderson, Jr. ----- Coshocton
 Hayes, JoAnn, Sr. ----- Columbus
 Haynes, W. Scott, Jr. ----- Greenville, Pa.
 Hazlett, Paul, So. ----- Corning, N. Y.
 Heaslett, Joanne, So. ----- Sewickley, Pa.
 Heater, William, Jr. ----- Toledo
 Heckelman, Thomas, Sr. ----- Norwalk
 *Hedges, Henry, So. ----- Chicago, Ill.
 Heiser, David, So. ----- Lakewood
 Heller, Doris, So. ----- Middletown
 Helser, Charles, Jr. ----- Thornville
 Helvenston, R. Tilden, Fr. ----- Xenia
 Henderson, Jacqueline, Jr. ----- Columbus
 Henderson, J. William, Jr. ----- Culver, Ind.
 Henderson, Norma, Fr. ----- Culver, Ind.
 Henderson, Warren, So. ----- Shaker Heights
 Hendricks, Robert, Sr. ----- Brookville
 Hendricks, William, Jr. ----- Lisbon
 Heppes, Roger, Sr. ----- Columbus
 Herbert, George, Sr. ----- Dayton
 Herold, Dolores, Fr. ----- Cleveland
 Herr, Carolyn, Sr. ----- New London
 Hess, Joan, Sr. ----- Massillon
 Heyman, Morris, Fr. -----
 ----- Grand Rapids, Mich.
 Hibbott, Beverly, Fr. ----- Chicago, Ill.
 Hicks, Bette, Fr. ----- Barre, Vermont
 Higley, Albert, So. ----- Shaker Heights
 Hill, Arden, Fr. ----- Washington, C. H.
 Hill, Edwin, Jr. ----- Marietta

Hill, Eloise, So. -----	Mt. Carmel, Ill.	Johnson, Lamar, Fr. -----	Columbia, Missouri
Hill, Margery, Sr. -----	Cincinnati	Johnson, Lowell, Jr. -----	Granville
Hobart, Robert, So. -----	Lancaster	Johnson, Nancy, Fr. -----	Cincinnati
Hodges, Duncan, So. -----	Royal Oak, Mich.	Johnson, Robert, Fr. -----	Wabash, Ind.
Hodges, John B., So. -----	Ann Arbor, Mich.	Johnson, Roger O., Fr. -----	Downer's Grove, Ill.
Hodges, John S., Fr. -----	Wellesley, Mass.	Johnson, Roger P., Fr. -----	Michigan City, Ind.
Hodgson, Donald, Fr. -----	Detroit, Mich.	Johnson, William, PG. -----	Granville
Holcomb, Eugene, Jr. -----	Minneapolis, Minn.	Johnston, Edward, So. -----	Haverhill, Mass.
Holman, Robert, Sr. -----	Granville	*Jones, Carol, So. -----	Middletown
Hooker, Kent, So. -----	Euclid	Jones, Effie, So. -----	Chicago, Ill.
Horn, Marilyn, So. -----	Mansfield	Jones, Jean, Sr. -----	Arlington, Va.
Horner, Thomas, Jr. -----	Shaker Heights	Jones, Lawrence, So. -----	Chatham, N. J.
Horton, Philip, Sr. -----	Arkadelphia, Ark.	Jones, Martha, Sr. -----	Parkersburg, W. Va.
Horyn, Eugene, Sr. -----	Parma	Jones, Molly, Jr. -----	Newark
Hosler, Richard, Jr. -----	Mansfield	*Judy, David, So. -----	Zanesville
Houk, John, So. -----	Toledo	Kalbfleisch, Kathleen, So. -----	Grosse Pointe, Mich.
Howarth, Lucia, Fr. -----	Cleveland	Kampmeyer, Lois, So. -----	Lakewood
Howenstine, James, Jr. -----	Lima	Kane, H. Victor, Jr. -----	Niagara Falls, N. Y.
Howland, Donald, Fr. -----	Columbus	Karl, Russell, Sr. -----	Cleveland
Hoy, Judson, Fr. -----	Mt. Healthy	Kavan, Helen, Sr. -----	Garfield Heights
Hayl, Carolyn Ann, So. -----	Tiffin	*Kaye, Joseph, Fr. -----	Forest Hills, N. Y.
Haber, Robert, Sr. -----	Mansfield	Keaney, Joseph, So. -----	Pittsburgh, Pa.
Huddle, Francis, So. -----	Amanda	Keaney, Robert, Jr. -----	Pittsburgh, Pa.
Hudson, John, Sr. -----	Granville	Keeler, Jane, So. -----	Chicago, Ill.
Hudson, Pamela, So. -----	South Bend Ind.	Keener, Patricia, Sr. -----	Salem
Hudson, Richard, Jr. -----	South Bend, Ind.	Keita, Richard, Fr. -----	Columbus
Huff, F. Richard, So. -----	Dover	Kellogg, Susan, Jr. -----	Cincinnati
Huffman, James, Fr. -----	Excello	Kennedy, Halisey, Fr. -----	Newark
Hughes, Robert, Jr. -----	Bucyrus	Kennedy, James, Jr. -----	Newark
Huhn, Russell, Sr. -----	Bristol, Conn.	Kettlewell, Richard, So. -----	Granville
Humphrey, Barbara, Fr. -----	Lakewood	Kier, Margaret, So. -----	Granville
Humphreys, John, Fr. -----	Pittsburgh, Pa.	Kimball, Nancy, Sr. -----	Akron
Humphries, Nancy, Fr. -----	Detroit, Mich.	Kimsey, George, Fr. -----	Indianapolis, Ind.
Hunt, David, Sr. -----	Toledo	King, Barbara E., Fr. -----	Perrysburg
Hunt, Horace, Jr. -----	White Plains, N. Y.	King, Barbara J., Jr. -----	Cleveland Heights
Hunt, Jo Ann, So. -----	Toledo	King, Edward, So. -----	Detroit, Mich.
Hunt, Phoebe, So. -----	Cincinnati	King, Jeanne, Sr. -----	Norwalk
Hunter, Patricia, So. -----	Warsaw, N. Y.	King, John, So. -----	Perryville, Pa.
Hurlbert, Clara-Jean, Jr. -----	Drexel Hill, Pa.	King, Marian, So. -----	Crystal Lake, Ill.
Huss, Bernard, So. -----	Genoa	King, Robert F., So. -----	Newark
Hutchings, Constance, So. -----	Shaker Heights	King, Robert S., Jr. -----	Parkersburg, W. Va.
Hyatt, Patricia, So. -----	Lakewood	King, Shirley, So. -----	King's Mills
Ide, Donald, Fr. -----	Trenton, N. J.	King, Thomas, Jr. -----	East St. Louis, Ill.
*Inde, Beverly, So. -----	Granville	King, William, Jr. -----	Granville
Innis, David, Jr. -----	Granville	Kingery, Jeanne, Fr. -----	Ann Arbor, Mich.
Inwood, C. Dudley, Jr. -----	Middletown	Knaack, Harry, Jr. -----	Arlington Heights, Ill.
Irwin, Joseph, Sr. -----	Newark	Knaack, Lois, Sr. -----	Arlington Heights, Ill.
Jackson, Mary, Fr. -----	East Rainelle, W. Va.	Knapp, Betty, So. -----	Zanesville
Jackson, Patricia, Jr. -----	East Rainelle, W. Va.	Kniffin, Nancy, Jr. -----	Akron
Jackson, Shirley, Jr. -----	Rochester, N. Y.	Knisley, Jane, Fr. -----	Columbus
Jacobs, B. Theodore, Jr. -----	West Hartford, Conn.	Knoble, Patricia, Jr. -----	Zanesville
Jacobson, Marilyn, Sr. -----	Grand Haven, Mich.	Knoedler, Patricia, Sr. -----	Sandusky
Jain, Edward, Fr. -----	Cleveland	Knopf, Ralph, Fr. -----	Bronx, N. Y.
James, Franklin, Fr. -----	Toledo	*Koons, Joan, Sr. -----	Springfield
Janda, Elizabeth, Fr. -----	Camp Pickett, Va.	Korman, A. James, Fr. -----	New Brighton, Pa.
Janson, Richard, Sr. -----	Canton	Kornmesser, James, Fr. -----	Western Springs, Ill.
Jaquith, William, So. -----	Roslyn, L. I., N. Y.	Kost, Robert, Fr. -----	Swissvale, Pa.
Jayne, Shirley, Fr. -----	Webster, N. Y.	Kostecki, Eugene, So. -----	Huntington Woods, Mich.
Jeffers, Catharine, So. -----	Geneva, Swit.	Krausser, Fay, Jr. -----	Cincinnati
Jenkins, Flora Lee, Jr. -----	Granville	Kreager, Mary Frances, So. -----	Middletown
Johnson, Ann, Fr. -----	Ho-Ho-Kus, N. J.	Kreager, William, Jr. -----	Middletown
Johnson, Bruce, So. -----	Washington, D. C.	Kridler, James, Jr. -----	Fremont
Johnson, Charles, Jr. -----	University Heights		
Johnson, Jack, Jr. -----	Avon Lake		
Johnson, Jo, Jr. -----	Batavia, Ill.		
Johnson, Joan, Fr. -----	Carthage, N. Y.		

- *Krieger, Douglas, So. ----- Grosse Pointe, Mich.
 *Kroeger, Ursula, Fr. ----- Akron
 Krouskop, Ruth, Sr. ----- Evanston, Ill.
 Kruger, Max, Fr. ----- Berlin Heights
 Kruger, Richard, Jr. ----- Hinsdale, Ill.
 Kuhn, Grace, PT. ----- Newark
 Kuhl, Richard, Jr. ----- Chagrin Falls
 Kuris, Betty, Fr. ----- Snyder, N. Y.
 Laeuffer, Barnes, Fr. ----- Lima
 *Lake, George, Sr. ----- Mansfield
 Lambert, Thomas, Sr. ----- Lakewood
 Landis, John, So. ----- Dayton
 Landrud, D. Roger, Fr. ----- Lombard, Ill.
 Lane, John, So. ----- Meriden, Conn.
 Lane, Marjorie, Sr. ----- Cleveland Heights
 Lang, Peter, So. ----- Buffalo, N. Y.
 *Langin, Mary, So. ----- Wheaton, Ill.
 *Langs, John, Sr. ----- Cleveland
 Langley, Leonard, Sr. ----- Amherst, N. Y.
 Lanning, Caralie, So. ----- Corning, N. Y.
 LaRue, Jeanne, So. ----- Cuyahoga Falls
 Laughlin, Russell, Fr. ----- Cleveland
 Lauren, Lucile, So. ----- Albion, N. Y.
 Laven, Robert, Fr. ----- South Bend, Ind.
 Lawrence, David, Fr. ----- South Orange, N. J.
 Lawrence, Robert, Jr. ----- South Orange, N. J.
 Lawson, Barbara, So. ----- Detroit, Mich.
 Lawson, John, Jr. ----- Clifton, N. J.
 Leach, Shirley, So. ----- Youngstown
 *Lechner, Robert, Jr. ----- Toledo
 Lefkowitz, Lewis, So. ----- Dallas, Tex.
 Legler, Peter, Sr. ----- Dayton
 *Legler, Philip, Fr. ----- Dayton
 Leighton, Margaret, Fr. ----- Middletown
 Leon, Jose, Fr. ----- La Paz, Bolivia, S. A.
 Leonard, Anne, So. ----- Canton
 Leonard, Judith, Jr. ----- University Heights
 LeRoy, Jean, Fr. ----- Franklin
 Liesber, Richard, Jr. ----- Birmingham, Mich.
 Lieberman, Barbara, So. ----- Brooklyn, N. Y.
 Ligne, Roger, Fr. ----- Mansfield
 Liggett, Marjorie, So. ----- Shaker Heights
 Lindberg, James, Jr. ----- Royal Oak, Mich.
 Lindley, Laura, Sr. ----- Indianapolis, Ind.
 Lindsay, Jane, Fr. ----- Toledo
 Lindsay, Joe, So. ----- Midland, Pa.
 Lineberry, Lois, So. ----- Highland Park, Ill.
 Lister, Robert, So. ----- Shaker Heights
 *Little, Marjorie, Sr. ----- Grosse Pointe, Mich.
 Little, Roscoe, So. ----- Zanesville
 Lo, Mary Martin, Sr. ----- Hongkong, China
 *Lockhart, Jean, Fr. ----- Montpelier
 Lockhart, Robert, So. ----- Montpelier
 Lodge, Janet, Jr. ----- Robinson, Ill.
 Logan, Ellen, Sr. ----- Urbana
 Long, Lucille, Fr. ----- Londonville
 Long, Robert, Jr. ----- Marietta
 Lord, William, Jr. ----- Grosse Pointe Farms, Mich.
 Lormer, Robert, Sr. ----- Holland
 Losch, Barbara, Fr. ----- Ben Avon, Pittsburgh, Pa.
 Loveless, Barbara, Fr. ----- Columbus
 Lovell, Martha, Fr. ----- Detroit, Mich.
 Lowe, Beverly, Sr. ----- Sandusky, Mich.
 Loy, David, Jr. ----- Findlay
 Lucke, Marilyn, Sr. ----- Toledo
 Lugg, Allan, Jr. ----- Knoxville, Pa.
 Luke, William, So. ----- Detroit, Mich.
 Lummis, Mary Ann, Jr. ----- Columbus
 Lundquist, Charles, So. ----- Jamestown, N. Y.
 *Lux, Diane, Jr. ----- Evanston, Ill.
 Lyle, John, Jr. ----- Fredericksburg
 MacDonald, Helen, So. ----- Norwalk
 MacDonald, Alexander, Jr. ----- Lima
 MacFarlane, Jerry, Fr. ----- Columbus
 Mae Mahon, Janet, Fr. ----- Cleveland Heights
 MacNab, Bruce, Fr. ----- Shaker Heights
 McBride, Ardith, Jr. ----- Douglaston, N. Y.
 McBride, Margaret, Sr. ----- Western Springs, Ill.
 McCarter, John, Fr. ----- Crestline
 McCarthy, Betty Lou, Jr. ----- South Bend, Ind.
 McCartney, James, Fr. ----- Pittsburgh, Pa.
 McCow, Robert, So. ----- Chicago, Ill.
 McConnaughey, David, So. ----- Columbus
 McConnaughey, Fannie, Fr. ----- Martins Ferry
 *McConnaughey, John, Jr. ----- Mount Lebanon, Pa.
 McCorkhill, M. Scott, So. ----- Salem
 McCormick, Ann, Sr. ----- Lakewood
 McCulloch, H. Bruce, So. ----- Evanston, Ill.
 McCusker, Marilyn, Jr. ----- Canton
 McCutcheon, Barbara, Sr. ----- Ashland, Ky.
 McDaniel, Robert, Fr. ----- Newark
 McDermost, Edwin, So. ----- Richland Centre, Wis.
 McDonald, David, Sr. ----- Shaker Heights
 McDonald, Janet, Sr. ----- Shaker Heights
 McDonald, Jean, Sr. ----- Winnetka, Ill.
 McDonnell, Susan, Fr. ----- Winnetka, Ill.
 McDowell, James, Fr. ----- Lakewood
 McGhee, John, Fr. ----- Huntington, W. Va.
 McGinnis, P. Daniel, Jr. ----- Marion
 McGlone, Joseph, Jr. ----- Moundville, W. Va.
 *McGokey, Robert, Sr. ----- Granville
 McGregor, H. Laird, Fr. ----- West Lafayette
 McGuire, Betty Jo, Jr. ----- Dearborn, Mich.
 McHutehinson, Samuel, Fr. ----- Wildwood Crest, N. J.
 McIntire, Dan, Jr. ----- Springfield
 McKee, Douglas, So. ----- Roslyn Heights, N. Y.
 McKenzie, Frank, So. ----- Springfield
 McKinney, James, Jr. ----- Wichita, Kansas
 *McLain, Raymond, Jr. ----- Lexington, Ky.
 McLaughlin, Richard, So. ----- Doylestown, Pa.
 McLean, Ann, Sr. ----- Sidney
 McNeil, Frederick, Sr. ----- Granville
 McNiven, Malcolm, So. ----- Queens Village, N. Y.
 McNutt, Sue, Sr. ----- Akron
 McPherson, J. Roger, Fr. ----- Granville
 Maccalous, J. William, Fr. ----- Winsted, Conn.
 Maey, Alvin, Sr. ----- Columbia, Ill.
 Mahood, C. Erwin, So. ----- Granville
 Mahood, Katherine, Fr. ----- Granville
 Major, Maurice, Jr. ----- Granville
 *Mandamadottis, Speros, Sr. ----- Piraeus, Greece
 Mandeville, Theodore, Jr. ----- Cleveland Heights

Manley, Eva Lou, Sr.	Dayton
-----Ramapatnam, Nellore Dist., India	
Marcoux, Fred, Fr.	Malden, Mass.
Merkert, Dorothy, Fr.	Rocky River
Marks, Joseph, Jr.	Keyser, W. Va.
Marlow, Virginia, Jr.	Elizabeth, N. J.
Marquardt, Robert, Jr.	Dayton
Marshall, Jack, Fr.	Dover
Marshall, James, Sr.	Dover
*Martin, James, So.	Newark
Martin, Margaret, Sr.	Xenia
Martin, Wallace, Fr.	Belmont, Mass.
Martz, Gerald, Fr.	Indianapolis, Ind.
Mascner, Norman, So.	Cleveland
Mason, James, So.	Wadsworth
Mason, Emil, Sr.	Cleveland
Mather, Jean, Jr.	Newton Centre, Mass.
Mather, Patricia, Sr.	Culver, Ind.
Mathis, Janet, So.	Chicago, Ill.
Matthew, Thomas, Fr.	Lawrence Park, Erie, Pa.
-----Gananoque, Ont., Can.	
Matthews, John, So.	Dayton
Matz, Robert, Jr.	Newark
Maurer, Mary, Jr.	Duquesne, Pa.
Meekes, Vivian, Jr.	Larchmont, N. Y.
Meisse, Sigrid, Fr.	Mansfield
Mentzer, Robert, Sr.	Granville
Menzel, Donald, Sr.	Cincinnati
Mercer, R. Herron, So.	Newark
Merriman, Robert, So.	Granville
Messery, Joanne, So.	Martins Ferry
Metcalf, Margaret, So.	Flossmoor, Ill.
Metternich, Joyce, Jr.	W. Ashland, Wis.
Metz, Robert, So.	Wheeling, W. Va.
Meury, Calvin, Fr.	Jersey City, N. J.
Meyer, H. Fred, Fr.	Shaker Heights
Meyer, Frederick, Jr.	Highland Park, Ill.
Meyer, Helen (Chase), Sr.	Granville
Meyer, Kenneth, So.	Granville
Meyer, Marilyn, Jr.	Pittsburgh, Pa.
*Mickle, Margery, Jr.	Pittsburgh, Pa.
Miesse, Helen, Jr.	Mahwah, N. J.
Miesse, Janet, Sr.	Mahwah, N. J.
Millham, Joyce, Fr.	Toledo
Miller, Charles, Jr.	West Lafayette
Miller, Earl, So.	Pittsburgh, Pa.
Miller, Elizabeth, So.	Newark
Miller, F. William, Sr.	Cambridge Mass.
Miller, Marilyn, Sr.	Bedford
Miller, Marion, Jr.	Maplewood, N. J.
*Miller, Marjorie (Dye), Sr.	Granville
Miller, Mary Joanne, Jr.	East Palestine
*Miller, Merylen, So.	Dobbs Ferry, N. Y.
Miller, Russell, Fr.	Canton
Miller, Salo, Jr.	Granville
Mills, Clara, Sr.	Findlay
Mills, John, Fr.	Wilmette, Ill.
Mills, Paul, Sr.	Cincinnati
Mills, Thomas, Fr.	Evanston, Ill.
Minneman, John, Jr.	Columbus
Mirrieles, Arch, So.	Chicago, Ill.
Mitchell, Mark, Fr.	Weirton, W. Va.
Moessner, Katherine, Jr.	Columbus
Monson, Jane, So.	Rocky River
Moore, Jerry, Fr.	Ft. Thomas, Ky.
Moore, Mary Lou, So.	Maplewood, N. J.
Moore, Patricia, Fr.	Eggertsville, N. Y.
Moreland, Hugh, Fr.	Snyder, N. Y.
*Morford, William, Sr.	Spencer, W. Va.
Morgan, Ann, Jr.	Columbus
Morgan, James, Sr.	Newark
Morzan, John, Jr.	Dayton
Morgan, Ross, Sr.	Dayton
-----Morong, Joyce, So.	at Vernon, N. Y.
Morris, Cynthia, Sr.	Granville
Morris, Mary, Jr.	Missoula, Ill.
Morrison, Phillip, Sr.	Granville
Morse, Warren, So.	Shaker Heights
Morton, Norine, Pt.	Granville
Mosser, Harold, Fr.	Cuyahoga Falls
Motter, W. Eugene, Jr.	Granville
Mower, David, So.	Rockford, Ill.
Mowery, H. Beeman, So.	Logan
Moyers, Ann, Fr.	Bridgeport
Muller, Jane, Fr.	Brooklyn, N. Y.
Munro, Herbert, Jr.	Columbus
Murnane, James, Sr.	Columbus
Myers, John, Fr.	Columbus
Nagel, Barbara, Jr.	Ferrysburg
Naramore, Douglas, So.	Rochester, N. Y.
Nason, Philip, Fr.	Lawrence Park, Erie, Pa.
-----Neath, Joseph, Jr.	Wadsworth
Neeland, James, Sr.	Granville
Nelson, Roger, Fr.	Columbus
Nelson, Roy, Fr.	Cincinnati
Nethercut, Gordon, Jr.	Elyria
Netherland, Martha, Fr.	Beaver, Pa.
Neumeister, Joanne, Fr.	Dayton
Nevin, Marjorie, Sr.	Chicago, Ill.
Newell, James, Fr.	Toledo
Newkirk, James, So.	Cleveland Heights
Newkirk, Richard, Sr.	Granville
Nice, James, So.	Lima
Nicholas, Robert, Jr.	Rockville Centre, N. Y.
Niland, David, Fr.	Cincinnati
Nisbet, Lawrence, So.	Loveland
Nisbet, Rosemary, Jr.	Loveland
Nissen, Carl, Fr.	Columbus
Nordhoff, James, So.	Toledo
Norman, C. William, So.	Plymouth, Mich.
Norpell, Bradley, Jr.	Newark
*North, Stephen, So.	East Tawas, Mich.
Novak, Richard, Fr.	Parma
O'Brien, Marian, Sr.	Oak Park, Ill.
O'Brien, Maude, Sr.	Gallipolis
Oechner, Glenn, Fr.	New York, N. Y.
Offenbiser, Virginia, Jr.	Wilkinsburg, Pa.
O'Hara, Jacques, Jr.	Wellsville
Oldfield, Margaret, Fr.	River Forest, Ill.
O'Leary, Daniel, Fr.	Columbus
Olin, Suzanne, So.	Evanston, Ill.
*Olney, Carolyn, Sr.	Proctor, Vt.
Olney, Lorraine, Jr.	Waltham, Mass.
Olwin, Lynabath, Fr.	Waterville
Omundson, Roy, Fr.	Park Ridge, Ill.
Onderdonk, William, Sr.	North Tarrytown, N. Y.
Optekar, Patricia, Fr.	Pittsburgh, Pa.
*Ormond, Elizabeth, So.	Cuyahoga Falls
Orr, David, So.	Euclid
Osborn, Marjorie, Fr.	Evanston, Ill.
Osborn, Shirley, So.	Shaker Heights
Osborn, William, Fr.	Evanston, Ill.
Osgood, A. Neill, Fr.	Brookline, Mass.
Ott, Carroll, Jr.	Maplewood, N. J.
Owen, Margaret, Fr.	Massillon
*Owens, Bennett, Sr.	Granville
Owens, Lloyd, Jr.	Cincinnati
Paca, Edmund, So.	Canton
Pacheco, Guillermo, Fr.	La Paz, Bolivia, S. A.

- *Packer, Marjorie, Fr. -----Granville
 Padelford, Grace, Fr. -----
 Pantaleoni, Guido, Fr. -----Winchester, Mass.
 Pariser, Christine, Fr. -----New York, N. Y.
 Pariser, Christine, Fr. -----Forest Hills, N. Y.
 Parker, Dorothy, So. -----Ferndale, Mich.
 Parkinson, Jack, Sr. -----
 -----Leamington, Ont., Can.
 Parr, Hedy, Sr. -----Bronxville, N. Y.
 Parsons, Margaret, So. -----Youngstown
 Pascoe, Marion, Jr. -----
 -----Newton Centre, Mass.
 Patrick, William, Jr. -----Norwalk
 Patterson, Duane, Jr. -----North Canton
 Patterson, George, So. -----Wellsville
 Paul, Daphne, Sr. -----Purchase, N. Y.
 Paulson, George, Sr. -----Sarasota, Fla.
 Pease, Joan, Fr. -----Cincinnati
 Peerce, Marian, Sr. -----Philadelphia, Pa.
 Pendleton, Frank, Fr. -----Kenilworth, Ill.
 Pendleton, Kathryn, So. -----Joplin, Mo.
 Penoyer, Cynthia, Sr. -----
 -----Grosse Pointe, Mich.
 Perkins, James, Sr. -----Granville
 Peterson, Edward, Fr. -----
 -----Mexico City, D. F.
 Peterson, John, So. -----Jamestown, N. Y.
 Peterson, Lois, Sr. -----Wheaton, Ill.
 Pfeuffer, William, Fr. -----Akron
 Phillips, Robert, Jr. -----Dover
 Phoa, Lan-Seng, Sr. -----
 -----Singapore, Singapore
 Pickett, David, Fr. -----Roundville, W. Va.
 Pierce, Marian, Fr. -----Lakewood
 Piggott, Betty, Jr. -----Detroit, Mich.
 Pinner, Marilyn, Sr. -----Cincinnati
 Pinkham, Joyce, So. -----Lansing, Mich.
 Pinney, Carol, Jr. -----Ottawa, Kansas
 Piper, Harold, So. -----Granville
 Pixley, John, Jr. -----Columbus
 Place, Constance, Fr. -----Galion
 Pukky, Arne, Sr. -----Granville
 Pole, Margaret, Fr. -----Oak Park, Ill.
 Porter, Guy, Jr. -----Charleston, W. Va.
 *Porter, Maryhelen, Jr. -----Youngstown
 Prater, Martha, Sr. -----Dayton
 Pratt, Jane, Sr. -----Bellsfontaine
 Preslan, Harvey, So. -----Cleveland
 Preucil, Lois, Fr. -----River Forest, Ill.
 Price, Carol, Jr. -----Girard
 Price, H. Stanley, Sr. -----Columbus
 Price, Jerome, Fr. -----Dayton
 Price, Kenneth, Sr. -----Shaker Heights
 Price, Richard, Fr. -----Chicago, Ill.
 Pricer, Robert, PT. -----Newark
 Prine, Calvin, Jr. -----Pittsburgh, Pa.
 Pringle, Dorothy, Fr. -----Chillicothe
 Prior, H. David, Sr. -----Cleveland Heights
 Pritchard, Edward, Sr. -----Columbus
 Pritchard, Eugene, So. -----
 -----Huntington, W. Va.
 Probst, Georgann, Jr. -----Marion
 Profie, Winston, Fr. -----Schenectady, N. Y.
 Prout, Harold, Fr. -----Dayton
 Pullis, Claude, Fr. -----Clifton, N. J.
 Pusey, Edith, So. -----Springfield, Pa.
 Pystole, Jane, Jr. -----Cleveland
 Race, Robert, Jr. -----Evanston, Ill.
 Radebaugh, John, Sr. -----Lancaster
 Rahel, Michael, Jr. -----Granville
 Raleigh, Robert, Sr. -----Granville
 Randall, Sue, Fr. -----Cedar Rapids, Iowa
 Ransom, Richard, So. -----Louisville, Ky.
 Raquet, Donald, So. -----Granville
 *Rassman, Virginia, Fr. -----Alexandria, Va.
 Ratjen, Diane, So. -----Rochester, N. Y.
 *Ray, Susan, Jr. -----Hartford, Conn.
 Reading, Tom, So. -----Novelty
 Reardon, Bill, Sr. -----Columbus
 Reck, Phyllis, Sr. -----Springfield
 Reed, Patricia, Sr. -----Auburn, N. Y.
 Reed, James, So. -----Mentor
 Rees, Thomas, So. -----Manitowoc, Wis.
 Reese, Mary Janet, So. -----Shaker Heights
 Rehnquist, Jean, Sr. -----Milwaukee, Wis.
 Reid, Bruce, Fr. -----Milwaukee, Wis.
 *Reid, Harriet, Fr. -----Lima
 Reid, H. Richard, Jr. -----Milwaukee, Wis.
 Rentz, Reading, Sr. -----Canton
 Rettig, Janet, Jr. -----Chicago, Ill.
 Rettig, Nancy, So. -----Toledo
 Reynolds, H. Kendall, Sr. -----Seattle, Wash.
 Reynolds, Judith, So. -----Seattle, Wash.
 Rhodes, Daniel, So. -----
 -----Pelham Manor, N. Y.
 Rhodes, Sylvia, Jr. -----
 -----Pelham Manor, N. Y.
 Riblett, Sally, Fr. -----Mansfield
 Rice, Charles, Fr. -----Renfrew, Pa.
 Rice, Fred, So. -----Danville
 Rice, Stanley, Fr. -----Council Bluffs, Iowa
 *Richardson, James, So. -----Berwyn, Ill.
 Richardson, John, Fr. -----Larchmont, N. Y.
 Richardson, Millicent, So. -----
 -----Charleston, W. Va.
 Richmond, Howard, Fr. -----Shelby
 Richmond, Norma, So. -----Shelby
 Riecke, Phyllis, Sr. -----Rocky River
 Rickman, Carolyn, PT. -----Granville
 Ripp, Jean, Fr. -----Pittsburgh, Pa.
 Ritchie, Sidney, Sr. -----New York, N. Y.
 Roach, William, So. -----North College Hill
 Roberts, Donald, Fr. -----Newark
 Roberts, Frank, Jr. -----Hamilton, N. Y.
 *Roberts, Jo Ann, Sr. -----Montgomery, Ala.
 Roberts, Marcia, So. -----
 -----Grand Rapids, Mich.
 Robertson, Robert, Fr. -----Granville
 Robinson, Albert, Jr. -----Richland, Wash.
 Robinson, Carl, Fr. -----Newark
 Robinson, L. Sam, Jr. -----Bellair
 Robinson, Warren, So. -----Granville
 Roderick, Letty, Sr. -----
 -----Cleveland Heights
 Roe, Anita, Jr. -----Akron
 Roe, Sharon, Fr. -----Sylvania
 Roe, William, So. -----Cleveland Heights
 Roether, Ann, Sr. -----Perryburg
 Rogers, Charles, Fr. -----Collingswood, N. J.
 Rogers, Cynthia, Sr. -----
 -----Elizabethtown, N. Y.
 Rogers, Richard, Fr. -----Dayton
 Rogers, William, Fr. -----
 -----Gross Pointe, Mich.
 *Romone, Yolanda, Sr. -----Rochester, N. Y.
 Rose, William, Jr. -----Pittsburgh, Pa.
 *Roper, Joyce, So. -----Toledo
 *Ross, Sylvia, Fr. -----Wyomissing, Pa.
 Rossel, Anne, Sr. -----Newark
 Rossi, Robert, Jr. -----Pittsburgh, Pa.
 Rosslund, John, Jr. -----Bay Village
 Roth, Taylor, Jr. -----Wauwatosa, Wis.
 Roubush, George, Sr. -----Shaker Heights
 Roubush, Jane, Sr. -----Shaker Heights
 Roubush, Nancy, Fr. -----Cincinnati
 Roubush, Thomas, Fr. -----Shaker Heights
 Rounds, David, Fr. -----Bronxville, N. Y.
 Rourke, Kathryn, Sr. -----Hamilton, N. Y.

- Rowe, Jean, Fr. -----Oak Park, Ill.
 Rownd, Wilson, Fr. -----Canton
 Rupp, Edward, Sr. -----Granville
 Russell, Barbara, So. -----Alliance
 Russi, Ralph, Jr. -----Zanesville
 Rybnicek, Edward, Sr. -----New Prague, Minn.
 Ryder, William, Jr. -----Wellsville
 Saether, John, Jr. -----Granville
 *Sahl, Sue, Sr. -----Beaver Falls, Pa.
 Salt, David, Jr. -----Columbus
 *Sanborn, Warren, Fr. -----Ferndale, Mich.
 Sanders, Mary, Jr. -----Rochester, N. Y.
 Sarber, G. Scott, So. -----Continental
 Savage, Jean, Jr. -----Covington, Ky.
 Savage, W. Kent, Fr. -----Covington, Ky.
 Sawyer, Richard, Jr. -----Shelby
 Schairer, Peggy, Fr. -----Lakewood
 Schenk, Mary Anne, Fr. -----Western Springs, Ill.
 Schieble, Rae Jean, So. -----River Forest, Ill.
 Schneider, Jean, Fr. -----Urbana
 Schott, Joyce, Fr. -----University City, Mo.
 Schueb, Paul, Jr. -----Cincinnati
 Schuette, Barbara, So. -----Poland
 Schuhmann, Raymond, So. -----Grosse Pointe, Mich.
 Schwab, Jerry, Jr. -----New Philadelphia
 Schwarzkopf, Samuel, Fr. -----Granville
 Schwebel, Joan, Fr. -----Cincinnati
 Scott, Irvin, Sr. -----Newark
 Scott, Jane E., Jr. -----Ashland, Ky.
 Scott, Jane W., Sr. -----Akron
 Scott, Mary A. So. -----Berea
 Scott, Mary S., Sr. -----Marysville
 Seovel, Marjorie, Sr. -----Oak Park, Ill.
 Seall, Robert, Sr. -----Granville
 Seasholes, Henry, Fr. -----Shaker Heights
 Seashole, Joseph, Fr. -----New Haven, Conn.
 Seibel, Carl, Sr. -----Norwalk
 Seibel, Dean, Sr. -----Norwalk
 Seils, Glenn, So. -----Rochester, N. Y.
 Sepessy, Robert, Fr. -----Cleveland Heights
 Shannon, Robert, Jr. -----Newark
 Sharp, Donald, Fr. -----Chicago, Ill.
 Sharp, Harry, Fr. -----Moorestown, N. J.
 *Sharp, Olive, Jr. -----Haddonfield, N. J.
 Sharp, Patricia, So. -----Columbus
 Sharpe, Monabelle, Jr. -----Troy
 Sharples, C. Myron, Jr. -----Coshocton
 Shaw, David, Jr. -----Wellesley, Mass.
 Shaw, James, Fr. -----Zanesville
 Shelford, Jeanne, So. -----Chicago, Ill.
 Shelford, Paul, Sr. -----Granville
 Shell, Jane, Fr. -----Evanston, Ill.
 *Shell, Paulina, Sr. -----Evanston, Ill.
 Shelton, Charles, So. -----Wakeman
 Shelton, James, Fr. -----Cincinnati
 Sherman, David, Fr. -----Columbus
 Sherwood, Robert, Sr. -----Farrell, Pa.
 Shields, Marilyn, So. -----Cleveland Heights
 Shipley, Bruce, So. -----Harbor Beach, Mich.
 Shirk, William, Jr. -----Bellefontaine
 Shorney, Martha, So. -----River Forest, Ill.
 Shorts, Barbara, Sr. -----Youngstown
 Shorts, Martha, Fr. -----Youngstown
 Shroyer, Victor, Fr. -----Troy
 Shullin, H. Reed, So. -----Farmington, Conn.
 Shutt, R. Jack, Sr. -----Columbus
 Sieking, Jack, Sr. -----Cleveland Heights
 Siegel, Jane, Jr. -----Ben Avon Hts., Pittsburgh, Pa.
 *Siegert, Donald, So. -----Westchester, Ill.
 Silliman, Russell, Sr. -----Warren
 Simons, Susan, Fr. -----Dayton
 Simpson, Joan, Fr. -----Newark
 Sinclair, Virginia, Sr. -----Cleveland Heights
 Sivertsen, Bruce, Jr. -----Orange, N. J.
 Sivey, Barbara, Jr. -----Alliance
 Six, Robert, Sr. -----Granville
 Slade, John, Fr. -----Melrose, Mass.
 Sladky, Kenneth, Fr. -----Parma Heights
 Slater, William, Sr. -----Newark
 Slayton, Maribel, Fr. -----Chicago, Ill.
 Sloud, Jack, Fr. -----Shaker Heights
 Small, Mary, Jr. -----Winnetka, Ill.
 Smith, Dale, Sr. -----Toledo
 Smith, Grace, Jr. -----Scaradale, N. Y.
 Smith, Harriet Ann, So. -----Ardmore, Pa.
 Smith, James, Sr. -----Maumee
 Smith, Kenneth B., Sr. -----Granville
 Smith, Kenneth L., Sr. -----Denver, Colo.
 Smith, Luther, Jr. -----Ardmore, Pa.
 Smith, Marilyn L., Fr. -----Cleveland
 Smith, Marilyn M., Sr. -----Cleveland
 Smith, Richard, Jr. -----Pataskala
 Smith, Robert, Jr. -----Granville
 Smith, Shirley Anne, Fr. -----Palm Beach, Fla.
 *Snowd, Richard, Jr. -----Toledo
 Snyder, Carl, Sr. -----Orville
 Snyder, John, So. -----Granville
 Sober, Clare, Fr. -----Grosse Pointe, Mich.
 Sorg, Walter, Fr. -----Massillon
 Southard, Barbara, Fr. -----Elgin, Ill.
 Sowards, Myrtle, So. -----Granville
 Spencer, Claire, Sr. -----Hudson
 Sproat, Richard, Jr. -----Palos Heights, Ill.
 Staats, Josephine, Sr. -----Cincinnati
 Stalker, Nancy, Fr. -----Toledo
 Stalter, Jeann, PT. -----Granville
 Stalter, Ronald, Fr. -----Granville
 Starr, Robert, So. -----Mt. Vernon
 Starrett, John, Sr. -----Newark
 Steadman, Elizabeth, Sr. -----Cincinnati
 Stearns, Gwendolyn, Jr. -----Houston, Texas
 Steckel, James, Jr. -----Reynoldsburg
 Stephens, Jerry, Jr. -----Youngstown
 Stevens, Phyllis, Fr. -----Bronxville, N. Y.
 Stewart, Nancy, Jr. -----Youngstown
 Stewart, Robert, Fr. -----Newark
 Stinchcomb, Robert, So. -----North Olmsted
 Stinchfield, Nancy, So. -----Washington, D. C.
 Stitt, Richard, So. -----Lakewood
 Stiverson, James, Fr. -----Columbus
 Stocker, Robert, So. -----Western Springs, Ill.
 Stofft, Edmond, Fr. -----Park Ridge, Ill.
 Stolz, Clarence, Sr. -----St. Louis, Mo.
 *Stone, Barbara, So. -----Parma
 Stone, Harold, So. -----Granville
 Stone, Marilyn, Fr. -----Tiffin
 Stornelli, Leo, Sr. -----Rochester, N. Y.
 Stover, Victor, Fr. -----Manhasset, N. Y.
 Straton, Sylvia, Jr. -----Malden, Mass.
 Strelka, Nicholas, Sr. -----Bessemer, Pa.
 Strick, Elaine, So. -----Milford, Mich.
 Strickland, George, Sr. -----Cincinnati
 Strickland, Margery (Wood), PT. -----Granville
 Stuber, Roscoe, Sr. -----Ridgewood, N. J.
 Stuekey, Arthur, Fr. -----Alliance
 Sturm, Betty, Fr. -----Pittsburgh, Pa.
 Subler, Edward, Jr. -----Shelby
 *Sullivan, John, So. -----New York, N. Y.

Summerhays, Elizabeth, Sr.	Warren	Utrecht, Alice, So.	South Charleston
Sutherland, James, Sr.	Heard	Utter, William, Jr.	Granville
Sutherland, David, Jr.	Detroit, Mich.	Utts, L. Richard, So.	Newark
Sutherland, Sarah, Jr.		Van Deventer, Margaret, Fr.	Chicago, Ill.
.....		Van Dyke, G. Charles, So.	Chicago, Ill.
.....	Urcosse Pointe, Mich.	Van Nostrand, Manning, Fr.	Aiton, Ill.
Swanagan, Don, Fr.	Westfield, N. J.	*Van Rees, Neal, So.	Fresfort, N. Y.
Swaninger, C. Robert, Jr.	Aranville	Vastyan, Elmer, So.	Fairport Harbor
Swaninger, Virginia (Wiemes), Sr.		Ven, Robert, So.	Gibsonburg
.....	Granville	*Vernon, Virginia, Jr.	Wilmette, Ill.
Sweeney, Marjorie, Sr.	Evanston, Ill.	Vincent, Norman, Fr.	Newtonville, Mass.
Swisher, Carol, Fr.	Columbus	Virt, Martha, Sr.	Fort Wayne, Ind.
Tafel, Iris, Sr.	Cleveland	Vorm, Neis, Fr.	Norin Judson, Ind.
Taggart, Joanne, So.	Des Moines, Iowa	Voss, Edward, Jr.	Toledo
*Taggart, Mariou, Jr.		Wagner, Lou, Sr.	Dayton
.....	Des Moines, Iowa	Wakeford, Addison, Fr.	Milwaukee, Wis.
Tait, William, Sr.	Newark	Wadron, John, Fr.	Flemington, N. J.
Talbot, Ralph, So.	Titin	Walkenshaw, James, Fr.	Newcomerstown
Tamasunas, John, Jr.	Frankville, Pa.	Walker, David, Jr.	Lisbon
Tamblyn, Thomas, Jr.	Rochester, N. Y.	Walker, James, Fr.	Columbus
Tanner, John, Fr.	Dayton	Walters, Glenn, Fr.	Dayton
Taylor, David, So.	Oak Park, Ill.	Walters, Richard, Fr.	Buckeye Lake
Taylor, Kent, Fr.	Western Springs, Ill.	Ward, John, Sr.	Fairport, N. Y.
Taylor, Nancy, So.		*Ward, Nancy, Fr.	Hartland, N. Y.
.....	San Francisco, Calif.	Warfield, Caroline, Fr.	Moline, Ill.
Teare, Paul, Jr.	Maple Heights	Warlow, Claire, Fr.	Lansdowne, Pa.
Telfair, Matthew, So.	Wilmington	Warner, John, Jr.	Newark
Telford, Kenneth, Sr.	Granville	Warren, Carl, Fr.	Glen Elyn, Ill.
Temple, David, So.	Lima	Warren, Clarke, Sr.	Glen Elyn, Ill.
Thieme, Suzanne, Sr.	Fort Wayne, Ind.	Warren, Don, Fr.	Newcomerstown
Thomas, Ellen, Fr.	Anchorage, Ky.	Wasburn, Patricia, Sr.	Winnetska, Ill.
Thomas, Shirley A., So.	Cuyahoga Falls	Watkins, Don C., Jr.	Granville
Thomas, Shirley J., Fr.	Saginaw, Mich.	Watkins, Don O., So.	Wauseon
Thomas, Vernon, Fr.	Hudson	Watkins, John, So.	Granville
Thomas, Victor, Jr.	Granville	Watters, Mary, So.	Flint, Mich.
*Thomas, Wanda, Fr.	Middletown	Watterson, Stuart, Jr.	Granville
Thomas, Willard, Sr.	Columbus	Wayne, Richard, Fr.	Dayton
Thompson, Robert G., Fr.		Weaver, William, Fr.	Canton
.....	West Allis, Wis.	Webb, Edwin, So.	Dayton
*Thompson, Robert H., Jr.	Detroit, Mich.	Webb, John, So.	
Thoms, Robert, So.	Shelbyville, Ind.	.....	Lookout Mountain, Tenn.
Thornhill, Helen, So.	Xenia	Weber, Ewald, Jr.	Chicago, Ill.
*Thorpe, Carol, Fr.	Dayton	Weber, George, Fr.	Cincinnati
Thorp, Janice, Jr.	Dayton	Weber, Margaret, Jr.	Toledo
Thurn, Walter, So.		Weber, William, Sr.	Cincinnati
.....	Highland Park, Mich.	Wehr, William, Jr.	Barnesville
Tice, Joan, So.	Cincinnati	Wei, Eva, Sr.	Shanghai, China
Tilton, Eugenie, Sr.	New Philadelphia	Weidemaier, G. William, Sr.	Granville
Tingley, John, So.	Westerville	Weigel, Mary, Fr.	Columbus
Titus, Catherine, PT.	Gambier	*Weinrich, Eugenia, So.	Logan
*Titus, Margaret, So.	Granville	Weir, C. Richard, Sr.	Riverside, Ill.
Todd, A. Rowland, Sr.	E. Gary, Ind.	Welch, Louis, Sr.	Pittsburgh, Pa.
Totb, Thomas, Jr.	Bay Village	*Wellington, Jean, Sr.	Worcester, Mass.
Townsend, George, Sr.	Toledo	Wellman, Walter, Sr.	Jamestown, N. Y.
*Townsend, Jack, Sr.	Watertown, N. Y.	Wertz, C. Herbert, Jr.	Granville
Townsend, Norman, Sr.	Cleveland	Weston, Edward, Fr.	Dayton
*Toy, James, So.	Granville	Wetstein, Louise, Sr.	Detroit, Mich.
Tracy, Anne, Jr.	Mansfield	Wheeler, Marilyn, Fr.	Terre Haute, Ind.
Tracy, Emily, So.	Hubbard	Wheelock, A. Stanley, So.	
Tranter, Ruth, Fr.	York, Pa.	.....	White Plains, N. Y.
Travis, Charles, So.	Grand Rapids, Mich.	Whipple, John, Sr.	Beres
Treize, William, Fr.	Lansing, Mich.	Whisler, Marilyn, Jr.	Dayton
Trowbridge, David, So.	Columbus	Whitacre, Katherine, Fr.	
Trowbridge, Pfeiffer, Jr.	Marseilles, Ill.	.....	Flossmoor, Ill.
Truesdell, James, Fr.	Flint, Mich.	White, Langdon, So.	Stanford, Calif.
Trumbull, J. Calder, Fr.	Haverhill, Mass.	Whiteside, Thomas, Fr.	Lakewood
Tubaugh, Patricia, Fr.		Whitney, Jean, So.	Short Hills, N. J.
.....	Cleveland Heights	Wicks, Marilyn, Sr.	Shaker Heights
Turner, Priscilla, PT.	Newark	Widdowson, Harold, Jr.	Indiana, Pa.
*Tyler, Beverly, So.	Cleveland Heights	Widdowson, Joan, So.	Indiana, Pa.
Ubersax, D. John, Fr.	Cleveland Heights	Wigginton, Helen, Fr.	Carnegie, Pa.
Ullman, William, Jr.	Granville	Wilde, Donald, So.	Lowell, Mass.
Ulsamer, Howard, Jr.	Maplewood, N. J.	Willcox, Marjorie, Jr.	Granville
Upstill, Carolyn, Fr.	Lowell	Williams, Joan, So.	Rocky River
Urfer, S. Samuel, Jr.	New Philadelphia		

STUDENT ENROLLMENT

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Williams, Robert, So.	Maplewood, N. J.	Wood, John, Fr.	San Marino, Calif.
* Williams, Thomas, Jr.	Salem	Wood, Mary Lou, Sr.	Avon Lake
Williams, Warren, Sr.	Shaker Heights	Wood, Thomas, Jr.	Chicago, Ill.
Willis, Jean, Sr.	Washington, C. H.	Woodman, Mary, Sr.	Maplewood, N. J.
Willis, Richard, So.	Washington, C. H.	Woodward, Mary, So.	Bay Village
Willis, Arthur, Jr.	Wellston	Woolard, L. Eugene, Sr.	Granville
Wills, Arthur, Jr.	St. Louis, Mo.	Worboys, Ronald, So.	Pittsford
Wilson, L. Dale, Fr.	Middletown	Worst, Robert, So.	Dayton
Wilson, Robert, So.	Dayton	Wotzke, Ann, Fr.	Detroit, Mich.
Wilson, Shirley, Fr.	Glen Ridge, N. J.	Wright, Elizabeth, So.	Chicago, Ill.
Wilson, Virginia, Fr.	Shaker Heights	Wright, Jean, So.	Ardmore, Pa.
Wilson, Wendell, Sr.	Newark	Wright, Norman, Fr.	Hilton, N. Y.
Winship, William, So.	Chagrin Falls	Wright, Robert A., Fr.	Euelid
Winters, Barbara, Jr.	Oak Park, Ill.	Wright, Robert S., So.	Centerburg
Wiseley, Margaret, Sr.	Findlay	* Wright, Shepard, Jr.	Demarest, N. J.
Wishard, W. Rodney, Fr. ....	.....	* Wyman, Phyllis, Jr.	Arlington, Mass.
.....	Western Springs, Ill.	Yoder, Marilyn, So.	Dayton
Wittich, Hugh, Jr.	Cleveland Heights	Young, Kenneth, PT	Granville
Wolfe, Patricia, So.	Campbellsburg, Ky.	Young, William, So.	Granville
Wonders, Jane, So.	Lakewood	Zimmerman, Peggy, Sr.	Columbus
Wonnell, James, Sr.	Highland Park, Ill.		

NON-COLLEGE STUDENTS IN CONSERVATORY

Barnhouse, Kay	Granville	Poff, Brenda	Granville
Cowherd, Patricia	Granville	Reeder, Ellen	Granville
Dollfus, Jeanne	Newark	Stockdale, Carolyn	Newark
Lantz, Carol	Newark	Truman, Patricia	Granville
Morrow, Phyllis	Granville	Woolard, Mrs. Emerson	Pataskala

**SUMMARY OF ENROLLMENT BY STATES AND FOREIGN
COUNTRIES — FIRST SEMESTER 1948-49**

STATE	MEN	WOMEN	TOTAL
Alabama	0	2	2
Arkansas	1	0	1
California	5	2	7
Colorado	2	1	3
Connecticut	9	3	12
District of Columbia	1	1	2
Florida	1	3	4
Illinois	62	71	133
Indiana	12	9	21
Iowa	2	3	5
Kansas	2	1	3
Kentucky	7	6	13
Maryland	1	3	4
Massachusetts	18	10	28
Michigan	46	36	82
Minnesota	3	0	3
Missouri	3	3	6
Montana	1	0	1
New Hampshire	1	1	2
New Jersey	23	18	41
New York	60	47	107
North Carolina	0	1	1
Ohio	469	269	738
Pennsylvania	43	34	77
Rhode Island	1	0	1
South Carolina	0	1	1
South Dakota	0	1	1
Tennessee	1	1	2
Texas	2	1	3
Utah	1	0	1
Vermont	0	2	2
Virginia	1	3	4
Washington	3	1	4
West Virginia	13	7	20
Wisconsin	8	4	12
Total United States	802	545	1,347
Bolivia	2	0	2
Canada	3	1	4
China	0	2	2
Greece	1	0	1
India	0	1	1
Mexico	1	0	1
North Africa	1	0	1
Singapore	1	0	1
Switzerland	0	1	1
Grand Total	811	550	1,361
States represented by men only			5
States represented by women only			5
States represented by both men and women			25
Total States represented			35
Foreign countries represented			9
Grand Total			44

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DENISON UNIVERSITY
GRANVILLE, OHIO

PRELIMINARY APPLICATION FOR ADMISSION

I desire to make application for admission to Denison University for _____

(Date of expected entrance, month and year)

Name _____
 First Middle Last

Address _____
 Number and Street

City, Zone, and State

High School or Preparatory School _____
 Name

City and State

Date of graduation from High School _____
 Month and Year

Approximate Scholastic Rank Highest Quarter _____
in Class to Date Second Quarter _____

(My own best estimate) Third Quarter _____

Lowest Quarter _____

I agree to report promptly any change of plans which would prevent my entrance to Denison on the date indicated above. Please send me application blanks for admission to Denison.

Signed _____

Date _____

* * * * *

On account of inability to accept all students who apply for admission, preference must be given to applicants whose credits fully meet our requirements and whose recommendations are favorable.

Mail at once to the Office of Admissions, Denison University, Granville, Ohio.
(over)

APPLICANT FOR ADVANCED STANDING AS
TRANSFER STUDENT

College Attended.....

Address.....

Number of Years..... Dates.....

Estimated Scholastic Average.....

