DENISON UNIVERSITY BULLETIN

CATALOG NUMBER 1947-48 ANNOUNCEMENTS FOR 1948-49
BULLETIN OF

DENISON UNIVERSITY

GRANVILLE, OHIO

A College of Liberal Arts and Sciences

FOUNDED 1831

CATALOG NUMBER 1947-1948

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 in which the development of persons 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. 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 appreciation of 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. The determination to use his knowledge for human welfare; and
10. A personality developed around Christian principles and ideals.
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CALENDAR

1947

JULY

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1948

JANUARY

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1947

FIRST SEMESTER

Freshman Days. Thursday-Monday, September 11-15
Registration Day, Tuesday, September 16
Classes begin, Wednesday, September 17
Thanksgiving Vacation begins, Wednesday, November 25
Thanksgiving Vacation ends, Monday, December 1, 8 a.m.
Christmas Vacation begins, Friday, December 19, noon

1948

Christmas Vacation ends, Monday, January 5, 8 a.m.
Comprehensive Examination Reading Period, Tuesday-Monday, January 15-19
Comprehensive Examinations for graduating seniors, Tuesday-Thursday, January 20-22
Study Day (no classes or examinations), Friday, January 23
Final Examinations, Saturday-Saturday, January 24-31
First Semester ends, Saturday, January 31, 4 p.m.

SECOND SEMESTER

Registration Day, Wednesday, February 4
Classes begin, Thursday, February 5
Spring Vacation begins, Thursday, March 25, noon
(Easter Sunday, March 28)
Spring Vacation ends, Monday, April 5, 8 a.m.
Comprehensive Examination Reading Period, Friday-Thursday, May 14-20
Comprehensive Examination for graduating seniors, May 21, 22, 24
Study Day (no classes), Wednesday, May 26
Memorial Day, Sunday, May 30
Final Examinations, Thursday-Thursday, May 27-June 3
Commencement, Monday, June 7
| CALENDAR |

**1948**

**FIRST SEMESTER**

- Freshman Days, Thursday-Monday, September 5-13
- Registration Day, Tuesday, September 14
- Classes begin, Wednesday, September 15
- Thanksgiving Vacation begins, Wednesday, November 24, noon
- Thanksgiving Vacation ends, Monday, November 29, 8 a.m.
- Christmas Vacation begins, Friday, December 17, noon

**1949**

- Christmas Vacation ends, Monday, January 8, 8 a.m.
- Comprehensive Examination Reading Period, Tuesday-Monday, January 11-17
- Comprehensive Examinations for graduating seniors, Tuesday-Thursday, January 18-20
- Study Day (no classes or examinations), Friday, January 21
- Final Examinations, Saturday-Saturday, January 22-23
- First Semester ends, Saturday, January 29, 4 p.m.

**SECOND SEMESTER**

- Registration Day, Wednesday, February 2
- Classes begin, Thursday, February 3
- Spring Vacation begins, Friday, March 24, noon
- Spring Vacation ends, Monday, April 1, 8 a.m.
- Good Friday (no afternoon classes), April 15
- Comprehensive Examination Reading Period, Thursday-Wednesday, May 12-21
- 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

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CLASS I—TERM EXPIRES JUNE, 1948

*EARL FREDERICK ADAMS, B.A., B.D., D.D.
46 Cedar Street, New York 5, New York

WILLIAM R. BURWELL, A.B., A.M., Ph.D.
3311 Perkins Avenue, Cleveland 14, Ohio

*WALTER L. FLORY, B.Litt., LL.B. (Elected by Alumni)
1122 Guardian Building, Cleveland 14, Ohio

LEONA D. HENDERSON (Mrs. Warren J.)
22239 Shaker Boulevard, Cleveland 22, Ohio

*JOHN H. HISLOP, B.Litt.
16 East Broad Street, Columbus, Ohio

*ALICE MCCANN JAMES (Mrs. H. A.), A.B.
Box 223, Route 8, Courville Road, Toledo 12, Ohio

*MERRILL R. MONTGOMERY, B.S.
130 North Cedar Street, Newark, Ohio

CHARLES LYON SEASHOLES, A.B., B.D., D.D.
First Baptist Church, Dayton 2, Ohio

*HENRY S. STOUT, B.S. (Elected by Alumni)
25 North Main Street, Dayton 2, Ohio

*DEXTER J. TIGHT, B.S.
Woodside Hills, Rt. 1, Redwood City, Calif.

LEWIS R. ZOLLARS
R.F.D. 1, Hills and Dales, Canton, Ohio

*Alumnus of Denison University
CLASS II—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. 324 East Third Street, Dayton 2, Ohio

CHARLES GLEN KING, B.S., Ph.D.
The Nutrition Foundation, Inc., Chrysler Building, New York 17, New York

*FRANK B. AMOS, A.B. The Jeffersonian Company, Cambridge, Ohio

M. FOREST ASHBROOK, Ph.B., B.D., D.D. (Elected by Alumni)

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1143 Lathrop Avenue, River Forest, Illinois

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*WILLIAM P. HUFFMAN, B.S. 324 East Third Street, Dayton 2, 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)
2179 Fairfax Road, Columbus, Ohio

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5401 Hamilton Avenue, Cleveland 14, Ohio

FRANK FLAG TAYLOR
Continental Illinois National Bank and Trust Company, 231 South LaSalle Street, Chicago, Illinois

*WILLIAM P. HUFFMAN, B.S. 324 East Third Street, Dayton 2, Ohio

CLASS III—TERM EXPIRES JUNE, 1950

*GERALD B. ATHEY, B.S. (Elected by Alumni)
3347 North Lake Drive, Milwaukee 11, Wisc.

JOHN W. BRICKER, A.B., LL.B., LL.D., Jur.D.
Senate Office Building, Washington, D.C.

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)
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*GEORGE M. ROUDEBUSH, Ph.B., LL.B.
915 Williamson Building, Cleveland 14, Ohio

*G. HERBERT SHOREY, B.S. 5707 West Lake Street, Chicago 44, Ill.

*PERCY L. WILTSIE, A.B.
3347 Raymar Drive, Cincinnati 8, Ohio

31 Nassau Street, New York, New York

*Alumnus of Denison University
THE FACULTY

(Arranged in order of appointment to present rank, year indicating date of joining Denison staff)

KENNETH IRVING BROWN, 1940—

AVERY ALBERT SHAW, 1927-1940

WILLIS A. CHAMBERLIN, 1891-1937
Professor Emeritus of Modern Languages

THOMAS A. LEWIS, 1914-1943
Professor Emeritus of Psychology
A.B., William Jewell; Ph.D., Johns Hopkins.

WILLIAM CLARENCE EBROUG, 1918-1945
Professor Emeritus of Chemistry
B.S., Pennsylvania; Ph.D., Pennsylvania.

ANNA B. PECKHAM, 1900-1937
Associate Professor Emeritus of Mathematics

FANNIE JUDSON FARRAR, 1904-1937
Assistant Professor Emeritus of Music

ALMA B. SKINNER, 1929-1940
Assistant Professor Emeritus of Modern Languages
Ph.B., Denison; A.M., Columbia.

FORBES B. WILEY, 1910—
Benjamin Barney Professor of Mathematics
A.B., Kalamazoo; A.B., Chicago; Ph.D., Chicago; D.Sc., Kalamazoo.

WALTER J. LIVINGSTON, 1911—
Professor of Physical Education
B.S., Denison.

KARL H. ESCHMAN, 1913—
Jessie King Willise Professor of Music and Director of the Conservatory

FREDERICK G. DETWEILER, 1917—
Professor of Sociology
A.B., Denison; B.D., Colgate-Rochester; Ph.D., Chicago.
THE FACULTY

LINDLEY RICHARD DEAN, 1921—
  Eliam E. Barney Professor of Classical Languages
  A.B., Dartmouth; Ph.D., Princeton.

ARTHUR WARD LINDSEY, 1922—
  Professor of Biological Sciences
  A.B., Morningside; M.S., Iowa; Ph.D., Iowa; D.Sc., Morningside.

FRANK J. WRIGHT, 1924—
  Alumni Professor of Geology
  A.B., Bridgewater; A.M., Virginia; Ph.D., Columbia; LL.D.,
  Bridgewater.

JOSEPH L. KING, 1924—
  Lorena Woodrow Burke Professor of English
  A.B., Richmond; A.M., Columbia; Ph.D., Columbia.

FREDERICK W. STEWART, 1924—
  Professor of Religion
  A.B., Rochester; A.M., Rochester; B.D., Colgate-Rochester.

HELEN A. BABB, 1924—
  Professor of Physical Education
  A.B., Wisconsin; A.M., Wisconsin.

E. BASIL HAWES, 1923—
  Professor of Education
  Ph.D., Starling Medical College; B.S., Ohio State; M.S., Ohio
  State.

LEON E. SMITH, 1928—
  Henry Chisholm Professor of Physics
  B.S., Ottawa; Ph.D., Pennsylvania.

HAROLD H. TITUS, 1928—
  Maria Theresa Barney Professor of Philosophy
  A.B., Acadia; B.D., Colgate-Rochester; Ph.D., Chicago.

LIONEL G. CROCKER, 1928—
  Professor of Speech
  A.B., Michigan; A.M., Michigan; Ph.D., Michigan.

WILLIAM T. UTTER, 1929—
  Alumni Professor of History and Government
  B.S., N. W. Missouri State Teachers; A.M., Chicago; Ph.D.,
  Chicago.

†LELAND J. GORDON, 1931—
  Professor of Economics

CYRIL F. RICHARDS, 1937—
  Dean of the College
  B.S., Linfield; B.D., Colgate-Rochester; A.M., Manitoba; L.H.D.,
  Linfield.

GRAYDON S. DELAND, 1941—
  Professor of Modern Languages
  A.B., Colgate; A.M., Wisconsin; Ph.D., Wisconsin.

DOROTHY V. N. BROOKS, 1943—
  Dean of Women
  A.B., Illinois; A.M., Clark; D.Ed., Columbia.

LYNDE C. STECKLE, 1939—
  Professor of Psychology
  A.B., Miami; A.M., Ohio State; Ph.D., Ohio State.

†Absent on sabbatical leave first semester, 1947-48
ESTHER F. VREELAND, 1946—
Director of Family Life and Professor of Sociology
A.B., Alma; M.A., Michigan.

CONRAD E. RONNEBERG, 1946—
Professor of Chemistry
B.A., Lawrence; M.S., Massachusetts Institute of Technology; Ph.D., Chicago.

FRANCIS C. RAYLEY, 1946—
Dean of Men
A.B., Dickinson; B.D., Drew Theological Seminary; Ph.D., Columbia.

EDWARD A. WRIGHT, 1937—
Professor of Theatre Arts and Director of Dramatics
A.B., Iowa; A.M., Iowa.

‡ERI J. SHUMAKER, 1916—
Associate Professor of English
A.B., Denison; A.M., Denison; Ph.D., Ohio State.

W. ALFRED EVERHART, 1920—
Associate Professor of Chemistry
A.B., Miami; M.S., Lehigh; Ph.D., Ohio State.

EDSON C. RUPP, 1919—
Associate Professor of Mathematics
Ph.B., Denison; M.S., Denison.

§GEORGE D. MORGAN, 1927—Associate Professor of Biological Sciences
B.S., Denison; M.S., Pittsburgh; Ph.D., Ohio State.

CHOSABURO KATO, 1928—
Associate Professor of Mathematics
B.S., Denison; M.S., Chicago; Ph.D., Ohio State.

SIDNEY JENKINS, 1920—Associate Professor of Physical Education
B.S., Denison; A.M., Ohio State.

BRAYTON STARK, 1927—
Associate Professor of Music

HORACE KING, 1931—
Associate Professor of Art
A.B., Ohio State; A.M., Ohio State.

FLORENCE L. KING, 1944—
Librarian
A.B., Arizona; B.S., Columbia; M.S., Columbia.

W. ALVIN PITCHER, 1944—
Associate Professor of Religion
B.S., Chicago; B.D., Chicago.

DANNER LEE MAHood, 1927—
Associate Professor of English
B.S., Davidson; M.S., Virginia.

WILLIAM C. BIEL, 1946—
Associate Professor of Psychology
A.B., Oberlin; M.A., Western Reserve; Ph.D., Stanford.

MAYLON H. HEP, 1946—
Associate Professor of Philosophy
A.B., Oberlin; M.A., Oberlin; Ph.D., Brown.

‡Absent on leave, 1944-45
§Absent on sabbatical leave second semester, 1947-48
WALTER T. SECOR, 1940— Associate Professor of Modern Languages
A.B., Grinnell; A.M., Columbia; Ph.D., Columbia.

RICHARD H. HOWE, 1920— Assistant Professor of Physics
B.S., Denison; M.S., Denison.

A. COLLINS LADNER, 1928— Associate Professor of Mathematics and Engineering

C. LESLIE MAJOR, 1931— Assistant Professor of Education
A.B., William and Mary; A.M., William and Mary.

HENRY J. SKIP, 1934— Assistant Professor of Modern Languages
A.B., Denison; A.M., Columbia.

MARY RUTH GROGAN, 1929— Assistant Librarian
A.B., Indiana; B.S. in L.S., Columbia.

ELLENOR O. SHANNON, 1936— Assistant Professor of English
A.B., Tulane; A.M., Columbia.

SARA L. HOUSTON, 1935— Assistant Professor of Physical Education
A.B., Wellesley; M.S., Wellesley.

MORTON B. STRATTON, 1943— Assistant Professor of History and Government
A.B., Tufts; A.M., Pennsylvania; Ph.D., Pennsylvania.

HERMAN W. LARSON, 1944— Assistant Professor of Music
A.B., Augustana.

ROBERT H. IRRMANN, 1945— Assistant Professor of History and Government
B.A., Beloit; M.A., Harvard; Ph.D., Indiana.

MARION WETZEL, 1946— Assistant Professor of Mathematics
A.B., Cornell College; M.A., Northwestern; Ph.D., Northwestern.

WYNDHAM M. SOUTHGATE, 1946— Assistant Professor of History and English

GEORGE O. COMFORT, 1946— Assistant Professor of History and Government
A.B., Western Michigan; M.A., Michigan; Ph.D., Kentucky.

C. RICHARD ORR, 1946— Assistant Professor of Speech
A.B., Muskingum; A.M., Michigan.

JOHN T. GAMBLE, 1946— Assistant Professor of Biological Sciences
B.S., Thiel; M.S., Pittsburgh; Ph.D., Pittsburgh.

Absent on sabbatical leave second semester, 1947-48
W. Edward Deeds, 1946—Assistant Professor of Physics  
B.A., Denison; M.S., California Institute of Technology.

Ruth Koerber, 1947—Assistant Professor of Modern Languages  
Diploma, University of Berlin; M.A., Nebraska; Ph.D., Northwestern.

Juanita Kreps, 1945—Assistant Professor of Economics  

Clifton H. Kreps, Jr., 1947—Assistant Professor of Economics  
B.A., William and Mary; A.M., North Carolina.

Kenneth W. Underwood, 1947—Assistant Professor  
A.B., Bethany; M.A., Wisconsin; B.D., Yale.

Benedict A. Hall, 1947—Assistant Professor of Biological Sciences  
A.B., Albany State Teachers; A.M., Cornell; Ph.D., Cornell.

Cecil R. Fettters, 1947—Assistant Professor of Chemistry  
A.B., Bethany; M.Sc., Chicago.

Lenthiel H. Downs, 1947—Assistant Professor of English  
B.A., Tusculum; M.A., Iowa; Ph.D., Iowa.

Sam Gelfer, 1925—Instructor in Violin  
Instructor in Piano

Sue Haury, 1928—A.B., Denison.

E. Clark Morrow, 1935—Instructor in History and Government  
A.B., Denison; LL.B., Western Reserve.

Richard H. Mahard, 1941—Instructor in Geology  
A.B., Michigan; M.A., Columbia.

Amy C. Turnell, 1945—Instructor in Physical Education  
B.S., Illinois; A.M., Iowa.

Wayne Woodrow Hayes, 1946—Instructor in Physical Education  
A.B., Denison.

O. McNell Arnold, 1946—Instructor in English  
A.B., Denison; M.A., Columbia.

Rix N. Yard, 1946—Instructor in Physical Education  
B.S., Pennsylvania; M.S., Pennsylvania.

Juliette Spencer, 1946—Instructor in Art  
A.B., Denison.

Margaret Bailey, 1946—Instructor in Modern Languages  
B.A., Wellesley; M.A., Middlebury.

J. W. Polk, 1946—Instructor in Economics  
B.A., Earlham; M.A., Columbia.

Robert E. Dixon, 1946—Instructor in Psychology and Director of Vocational Guidance Services  
A.B., Oberlin; A.M., Oberlin.
DOROTHY CARPENTER, 1946—
A.B., Ashland; M.A., Michigan.

NANCY ELOISE LEWIS, 1946—
A.B., Denison; M.A., Duke.

FREDERIC E. REYNARD, 1946—
B.A., William Jewell; B.D., Crozer.

LOUISA TRAWICK, 1947—
B.A., Converse; M.A., Duke.

FRED SCHAB, 1947—
B.S. Ed., Temple; M.A., Pennsylvania.

PAUL B. JOHNSON, 1947—
B.A., Chicago.

ROBERT W. LUNDIN, 1947—
A.B., DePauw; A.M., Indiana; Ph.D., Indiana.

ROBERT G. RITTENOUR, 1947—
A.B., Ohio Wesleyan; M.A., Michigan.

MARY KATHRYN SELBY, 1947—
B.A., Ohio State; B.S. Ed., Ohio State; M.A., Ohio State.

WILLIAM R. PETERSON, 1947—
A.B., Albion; M.A., Michigan.

PAUL L. BENNETT, 1947—

ROBERT W. JOHN, 1947—

NEWTON D. STRANDBERG, 1947—

ANDERS TEJLER, 1947—
B.A., Kentucky; M.A., Ohio State.

W. BURTIS MERCER, 1947—
B.S., West Virginia Wesleyan.

RUTH D. HOLTOM, 1947—
A.B., Colorado; M.A., Colorado.

RICHARD G. ADAMS, 1947—
B.A., Denison.

GLORIA SNIDER, 1947—
B.A., Denison.

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Editor, Newark Advocate.
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Hilda Kneller, R.N. Staff Nurse

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Gladys W. Reynolds, B.S. Ed. Secretary

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Robert E. Dixon, A.B., A.M. Director

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Mrs. H. S. Rhu, A.B., Stone Hall Head Resident
Mrs. William S. Thomson, A.B., Beaver Hall Head Resident
Mrs. Madeleine Rupp, Shaw Hall Head Resident
Mrs. Margaret M. Arnold, Monomoy Place Head Resident
Mrs. Nina B. Shepard, Ph.B., M.A., Burton Hall Head Resident
Mrs. Inez L. Overhuls, Parsons Hall Head Resident
Mrs. George H. Robinson, A.B., Gilpatrick House Head Resident
Mrs. E. C. Waters, A.B., B.S. Ed., East Cottage Head Resident
Mrs. L. H. Webber, Sawyer Hall Head Resident
Mr. and Mrs. Frederic E. Reynolds, Curtis Hall Head Residents
Ruth Rolt-Wheeler, A.B. Director of Dormitory Maintenance
Ella R. Wood Dining-hall Director
Helen B. Chrysler Dining-hall Director

STUDENT UNION

Mrs. W. H. Adams Hostess
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 Alumni, 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 '16, Dayton, Ohio——Vice President
JOHN L. BJELKE '16, Granville, Ohio——Executive Secretary
BEATRICE PETERSON, Granville, Ohio——Assistant Secretary

Richard Allison '31 ———— Bexley, Ohio
Bernard Hundley '24 ———— Detroit, Michigan
Emily Spencer Douglas '29 ———— Newark, Ohio
Janet Shock Beardsley '40 ———— Dayton, Ohio
Mitchell O. Gregory '20 ———— Granville, Ohio
John C. Weaver '30 ———— Cleveland Heights, Ohio
Lloyd F. Martin '25 ———— Toledo, Ohio
Mary Lou Bradfield Brasseur '28 ———— Cleveland, Ohio
Marsena Cox Miller '33 ———— Granville, Ohio
Ralph Davies '18 ———— Fort Thomas, Kentucky
Ruth Munn Avery '32 ———— Granville, Ohio
Allan M. Dewey, Jr., '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

Henry S. Stout, Dayton, Ohio; Walter L. Flory, Cleveland, Ohio; M. Forest Ashbrook, Scarsdale, New York; George McConnaughey, Columbus, Ohio; W. Forrest Loveless, Columbus, Ohio; and Gerald B. Athey, Milwaukee, Wisconsin.
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.

A few miles from Granville in the Welsh Hills is an outing cabin, available to both men and women students for campcraft and similar activities.

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.
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 in which the development of persons 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 E. Kirby, a Denison alumna and medical missionary now practising in Assam. Currently five 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 assign-
ment; 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 approximately one hundred and forty 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 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 19.) 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 32.)

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
CAMPUS LIFE

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 HOUSE—The University maintains one cooperative house accommodating about fifteen girls, 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 girls for this house is made on recommendation of the Dean of Women.

TEMPORARY HOUSING—More than 100 single men may be accommodated in the four dormitories erected by FPHA, one being a T-shaped building for 62 men and the other three housing 16 men each. These units are near Curtis Hall.

MARRIED VETERANS—Ten temporary FPHA 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.

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 music 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 45.)

Seven chapters of national Greek-letter fraternities and the American Commons Club own houses in which non-freshmen may reside. Eight 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, it is Denison's policy to admit only those applicants whose ability and previous preparation give promise of success in college work. Because of limited accommodations in the dormitories and classrooms, it is necessary to restrict the size of the entering class, and the number of transfers admitted.

The system of admission to Denison University is selective. The Committee on Admissions chooses candidates each year from the list of applicants for that year on the basis of their fitness for college. Choices are made on the basis of academic record, character recommendations, interest in activities, evidences of leadership ability, and geographic distribution. The privilege of membership in a student body thus selected carries with it the obligation of loyalty both to the letter and the spirit of the regulations of the college, this obligation resting upon all students from the time of their matriculation.

Children of Denison alumni and members of the Baptist denomination are given special consideration, all other qualifications being equal.

All communications concerning admission, including requests for catalogs, should be addressed to the Director of Admissions, 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 of the year prior to entrance. Applications from both men and women should be received prior to March 1 for September, 1948, entrance. The following items are to be submitted by the applicant:

1. PERSONAL APPLICATION blank to be filled out completely and returned within two weeks of its receipt.
2. AN APPLICATION FEE OF $5. This fee is not refundable.

3. REGISTRATION DEPOSIT OF $25. This deposit is required of all students. It is payable within two weeks of the date of acceptance of the application for admission. This deposit is refundable until June 1 or December 15 for the succeeding semester—or for two weeks if applicant is accepted after these dates—upon written withdrawal of the application for admission addressed to the Director of Admissions.

4. ROOM RESERVATION DEPOSIT OF $25. This deposit is required of all students, except veterans and men who enter as transfer students with sophomore, junior, or senior standing unless they desire dormitory accommodations. After the application for admission has been accepted, the room reservation deposit becomes payable within two weeks of the date of such acceptance. (See paragraph above for refund privileges.) One check for $50 payable to Denison University will cover the registration and room deposits.

5. CERTIFICATE OF GOOD HEALTH and freedom from contagious and chronic diseases. These forms are sent to the student during the summer and must be returned to the College Physician before registration day. The student health service requires all entering students who cannot show a good vaccination scar to present a certificate that a vaccination for smallpox has been attempted within the past year.

6. OFFICIAL TRANSCRIPT of the preparatory or high school credits for seven semesters and a statement of rank in the senior class, to be filled in by the Principal and mailed by him directly to the Admissions Office following the completion of the first semester of the senior year, and prior to March 1. A supplementary report will be requested from the Principal at the close of the senior year.

7. CHARACTER RECOMMENDATIONS to be filled in and returned to the Director of Admissions by the high school officer and the minister or other religious leader, prior to March 1. A recommendation from a Denison alumnus is desirable but not required.

8. PERSONAL INTERVIEW. In addition to written evidence of ability to meet academic requirements at Denison and of strong character and personality, a personal interview is highly desirable. Candidates for admission are therefore urged to visit the Director of Admissions in her office, if possible, or to take advantage of such opportunities as may be provided to meet an official of the college at a convenient center. Applicants are not disqualified, however, if an interview cannot be arranged.
ADMISSIONS REQUIREMENTS

Graduation in the upper half of the senior class of an accredited high school or preparatory school and certification of at least fifteen acceptable units (a year's course in a subject) are the normal academic requirements for consideration for admission.

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 area be included in the student's program: *English (3), Mathematics, including Algebra and Plane Geometry (2), Foreign Language (2 in the same field), History (1), Laboratory Science (1). In addition at least three of the remaining six units required for entrance should be in these or related fields.

Occasionally the Committee on Admissions makes exceptions and considers applicants who rank in the lower half of their graduating class, particularly in private preparatory schools. Such applicants are required to submit a pattern of courses conforming to the minimum distribution outlined in the preceding paragraphs. In addition, they must make satisfactory scores on the scholastic aptitude test offered by the College Entrance Examination Board. Applicants ranking in the lower half of their class should consult with the Admissions Office about this procedure.

Competition for admission to Denison is now so keen that the presentation of the above minimum requirements is not a guarantee of admission to Denison, but merely an assurance that an application will be considered by the Admissions Committee.

ACCEPTANCE PROCEDURE

All applications must be completed by March 1, including grades for seven semesters of high school work. First choices for both men and women will be made by April 15, largely from the top quarter of the graduating classes. Applicants from private schools will be considered in competition with other private school applicants, and not with public high school applicants. Those ranking below the top quarter of the class, but with other desirable qualifications, may be asked to wait for later action on their applications, or may be

*Figures in parentheses indicate minimum number of units.
assigned to waiting lists. 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 applicants of that year.

ADMISSION OF VETERANS

Veterans will be admitted on the same basis as other students. Priority will be given to Denison men whose education was interrupted by service in the armed forces. Credit may be requested for advanced standing on the basis of military training. Denison allows eight semester hours (Physical Education and undesignated) for basic recruit training, and additional credit is based on the recommendations of the American Council on Education in evaluating military training. Credit for correspondence courses satisfactorily completed with recognized universities, or with the U. S. Armed Forces' Institute is transferable to Denison. The Veterans' Counselor will work with the Admissions Committee in admitting veterans.

ADMISSION TO ADVANCED STANDING

Students must apply for admission with advanced standing prior to March 1. They must file the regular admission credentials required under numbers 1, 2, 3, 4, 5, 6, 7, and 8 on pages 27-28, and in addition must file a complete official transcript of their college record and a recommendation from a dean of the college last attended. Women students must also file a $25 room reservation deposit. (No. 3, page 28.)

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 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 is sought by transfer.

Official transcripts and recommendations covering all previous college work must be submitted by July 1. The selection of applicants for admission with advanced standing will be made in July of the year in which entrance is desired.
## EXPENSES

### COST EACH SEMESTER

<table>
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</tr>
<tr>
<td>Incidental Fee</td>
<td>25</td>
</tr>
<tr>
<td>Room</td>
<td>95</td>
</tr>
<tr>
<td>Board</td>
<td>200</td>
</tr>
<tr>
<td>Books and Supplies (approximately)</td>
<td>30</td>
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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 41-42.

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 and all regularly scheduled student dramatic performances 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 $115 to $130 a semester. Dormitory rooms are $95 a person a semester with the exception of those in Shaw and Talbot halls and FPHA units. Suites in Shaw Hall are $115 and in Talbot Hall $80 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 88.
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, which may be secured from the Bursar acting for the Scholarship and Student Employment Committee, must be accompanied by a recommendation 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**

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 December, January, or April tests. The candidates will be judged on the basis of the results of the tests and the accepted application for admission. Applicants may be asked to visit the campus for interviews with college officials. *The awards are for four years, but 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 Director of Admissions for application blank should be made prior to March 15.

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Estimated Available Yearly</th>
<th>Principal of Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE MARY HARTWELL CATHERWOOD SCHOLARSHIP</td>
<td>$32</td>
<td>$1,000</td>
</tr>
<tr>
<td>THE FRANCIS WAYLAND SHEPARDSON SCHOLARSHIP</td>
<td>$160</td>
<td>$5,000</td>
</tr>
<tr>
<td>THE CORA WHITCOMB SHEPARDSON SCHOLARSHIP</td>
<td>$160</td>
<td>$5,000</td>
</tr>
</tbody>
</table>

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.

Awarded to students who have shown proficiency in courses in American History.

Awarded to students who have shown proficiency in courses in Art.
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 the highest ranking student in the graduating class of Granville High School, not otherwise provided with scholarship assistance. Payment of $150 made annually.

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.

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

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

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal Fund</th>
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</thead>
<tbody>
<tr>
<td>The Eliza Smart Shepardson Scholarship Fund</td>
<td>$2,500</td>
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<tr>
<td>The Gertrude Carhartt Brelsford Memorial Fund</td>
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</tbody>
</table>

PRESSER MUSIC FOUNDATION SCHOLARSHIP

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

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal Fund</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>The David and Jane Harpster Fund</td>
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<tr>
<td>The Mary Arnold Stevens Fund</td>
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<tr>
<td>The Eugenia Kincaid Leonard Scholarship</td>
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</tr>
<tr>
<td>The A. F. and A. A. Bostwick Scholarship Fund</td>
<td>$1,000</td>
<td>32</td>
</tr>
<tr>
<td>The Harry Thurston Crane Scholarship Fund</td>
<td>$5,000</td>
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<tr>
<td>The Marie Theresa Barney Scholarship Fund</td>
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GRANTS AND SCHOLARSHIPS FOR WOMEN

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
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<tr>
<td>The King Scholarship Endowment</td>
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<tr>
<td>The Martha A. Luse Scholarship Fund</td>
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<tr>
<td>The James McClurg Scholarship Fund</td>
<td>$1,000</td>
<td>32</td>
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<tr>
<td>The Mary Miller Scholarship Fund</td>
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<tr>
<td>The Charles T. Chapin Scholarship Fund</td>
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<tr>
<td>The Lide-Shepardson-Marsh Scholarship Fund</td>
<td>$1,000</td>
<td>32</td>
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<tr>
<td>The Flora Price Jones Scholarship</td>
<td>$1,000</td>
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<tr>
<td>The Agnes Wilson Weaver Scholarship Fund</td>
<td>$1,000</td>
<td>30</td>
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<tr>
<td>The Harry Thurston Crane Scholarship Fund</td>
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<td>160</td>
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<tr>
<td>The Hannah Snow Lewis Scholarship Fund</td>
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### GRANTS AND SCHOLARSHIPS FOR MEN OR WOMEN

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
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</thead>
<tbody>
<tr>
<td>The Elizabeth S. Ewart Scholarship Fund</td>
<td>$2,000</td>
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<tr>
<td>The Charles T. Lewis Scholarship Fund</td>
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<tr>
<td>The John Doyle Scholarship Fund</td>
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<tr>
<td>The Wells A. and Cynthia Aldrich Chamberlain Scholarship</td>
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<tr>
<td>The G. A. Griswold Scholarship Fund</td>
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<tr>
<td>The Daniel Van Voorhis Scholarship Fund</td>
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<td>The Saunders Scholarship Fund</td>
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<tr>
<td>The Amanda Sperry Scholarship Fund</td>
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<tr>
<td>The Herbert F. Stilwell Scholarship Fund</td>
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<tr>
<td>The Samuel B. Brierly Scholarship Fund</td>
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<tr>
<td>The Class of 1913 Scholarship Fund</td>
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<tr>
<td>The Class of 1917 War Memorial Scholarship Fund</td>
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<tr>
<td>The George H. Shorney Scholarship Fund</td>
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<tr>
<td>The Charles G. Waters Scholarship Fund</td>
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<tr>
<td>The Katherine Gear Wightman Scholarship Fund</td>
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<tr>
<td>The David E. Green Memorial Scholarship Fund</td>
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<td>The Masuo S. Hoshide Scholarship Fund</td>
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<tr>
<td>The Frederick P. and Mary T. Beaver Scholarship Fund</td>
<td>45,000</td>
<td>1,462</td>
</tr>
<tr>
<td>The Willis A. and Frances W. Chamberlin Scholarship Fund</td>
<td>800</td>
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### GRANTS AND SCHOLARSHIPS FOR MINISTERIAL STUDENTS ONLY

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
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<tbody>
<tr>
<td>The Mary K. Monroe Fund</td>
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<td>$975</td>
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<tr>
<td>The M. E. Gray Fund</td>
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</tr>
<tr>
<td>The David Thatcher Fund</td>
<td>1,500</td>
<td>48</td>
</tr>
<tr>
<td>The Joshua and Gwennie Jones Fund</td>
<td>1,356</td>
<td>44</td>
</tr>
<tr>
<td>The Abigail Pence Houck Fund</td>
<td>31,717</td>
<td>1,031</td>
</tr>
<tr>
<td>The William Howard Doane Scholarship Fund</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>The Welsh Hills Prices Scholarship Fund</td>
<td>2,000</td>
<td>65</td>
</tr>
</tbody>
</table>

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** $21,000

   Contributed by two friends in honor of Samuel B. Brierly of the Class of 1876, 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 $46,923.33.

2. THE HERBERT F. STILWELL SCHOLARSHIP FUND $2,545.31

Proceeds from the Esther Olivia Stilwell Annuity Fund assigned by action of the Board of Trustees to the Stilwell Scholarship Fund. This addition makes the amount of the fund $30,000.

3. THE FREDERICK P. AND MARY T. BEAVER SCHOLARSHIP FUND $45,000

Established by action of the Board of Trustees from annuity funds which became available following the death of Mrs. Beaver, May 29, 1947. During their lifetime Mr. and Mrs. Beaver aided many students, especially young men and women preparing for Christian service. The income of the newly established fund is to be used to aid worthy students in need of financial assistance.

4. THE WILLIS A. AND FRANCES W. CHAMBERLIN SCHOLARSHIP FUND $800

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.

5. MASUO S. HOSHIDE SCHOLARSHIP FUND $50

Established and contributed by friends in memory of Masuo S. Hoshide, Class of '31. The income only is to be used to assist students in need of financial assistance. This gift increases the amount of the fund to $400.

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

Of the above loan funds the following were established since the publication of the preceding catalog:

1. **THE BURTON MEMORIAL LOAN FUND** ........................ $1,000
   Established by a gift from the estate of Mrs. Helen E. Beman in memory of her parents, Nathan S. Burton and Sarah Fairfield Burton and her brothers, Henry Fairfield Burton and Ernest DeWitt Burton.

2. **THE JOSEPH M. AND AMY W. COLLINS LOAN FUND** $17,009.78
   Established by the bequest of Amy W. Collins for the use and benefit of needy and worthy students in furtherance of their educational interests. Of the amount given, $5,009.78 is available for loans. The income only on $12,000 is added each year to the loanable portion of the fund.

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 library 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 third 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 third 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 other students required to leave college within any semester for any reason will be charged tuition at the rate of $20 a week for the time in attendance but in no case more than full tuition. A proportionate refund will be made on board but no refund of either room rent or incidental fee.

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.

Denison students have little difficulty in getting jobs. The Vocational Guidance Services serve to guide students into positions in summers and after graduation, 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, to the extent of three hours of credit each semester. Superior students shall be 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 shall be recommended by the student's academic adviser and shall be subject to approval by the Curriculum Committee. 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.

GENERAL HONORS are awarded at graduation only, according to the following standard: Ninety-three or more hours of A grade, and the remainder not lower than B grade. Grades made in required Physical Education are not to be counted in competing for General Honors.

ANNUAL HONORS are awarded at the end of each year to the members of each class according to the following standard: Not less than twenty-four hours of A grade, and the remainder not lower than B grade. The total number of hours for the year shall not be less than thirty-two (or their equivalent) except when required courses in Physical Education are being taken, in which case the total number of hours exclusive of these courses should be not less than thirty. Exceptions are made for laboratory assistants whose schedules are reduced. Grades made in the required courses in Physical Education are not to be counted in competing for Annual Honors.

For list of Honor Scholarships which are classed as academic honors see page 55.

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
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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 Epsilon 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 sons, Howard Lewis and Frank Lewis of the classes of 1900 and 1902, respectively. 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.

RESEARCH FOUNDATION PRIZE. The Denison University 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. In some cases the prize is divided between two students.

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.

ANNIE M. MACNEILL POETRY PRIZES. These prizes, formerly provided by annual gift of Miss MacNeill as a member of the faculty, will be resumed in 1948-49 by a provision in her will to endow first and second prizes for excellence in the writing of poetry. Manuscripts should be submitted to the Department of English.

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 PLAN OF STUDY

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

This plan allows the student a wide range of choice under the guidance of teachers and administrative personnel. (See Counseling page 44.)

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 120 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 94); (b) men: one credit each semester in the freshman year and, unless waived for proficiency, in the sophomore and junior years (see page 92). 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

Students registering at Denison in September, 1948, will be required to take some of the core courses in general education described below. In some fields they 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.

Students who entered prior to September, 1948, may exercise this option with regard to any or all of the present group requirements insofar as the new courses in these fields are available to them.

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 Leading 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 56-59.

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 60.

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 will be appointed for each student whose field of concentration crosses departmental lines. Such appointments will be made by the Dean of the College.

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 English 111 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  Excellent. Earns 4 points for each hour of credit.
B  Good. Earns 3 points for each hour of credit.
C  Fair. Earns 2 points for each hour of credit.
D  Passing. 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 superceded by the new plan described in section 10.

A

Language and Literature

English (except 111-112)
Classics
Greek
Latin
Modern Foreign Languages
French
German
Italian
Portuguese
Spanish
Speech

B

Social Studies

Economics
Education
Family Life
Geography 230, 232
Government
History
Philosophy
Psychology
Religion
Sociology

C

Natural Science and Mathematics

Astronomy
Biology
Chemistry
Geography 121, 126
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. Some will be required of students entering in September, 1948; others will be offered for the first time in 1948, and may be elected, but will not be required. Students who do not take all of the new courses in general education must meet the older group requirements in the areas not covered by the new courses.

Except as noted under the description of certain of the courses on pages 56-59, 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 56-59, 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 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 45), 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 but 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, medicine, or graduate school of nursing. 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, medicine, or graduate school of nursing, 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; and in graduate nursing in seven years.

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 page 48).

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 48).

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 48.)

Group requirements (see page 52) are waived because of the greater concentration in music; however, students are advised to distribute their electives in the three divisions, A, B, and C.

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 301, 303, 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

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

PHYSICAL EDUCATION

(See statement of requirements, section 1, page 48.)

COMPOSITION

WRITTEN COMPOSITION 10 a

Miss Shannon, Director.  3

(To be taken in the freshman year, either 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.

ORAL COMPOSITION 10 b or 10 c or 10 d

Each 3

(To be taken in the freshman 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.  3
10 c (Oral Reading)  Mr. Crocker, Acting Director.  3
10 d (Dramatic Interpretation)  Mr. E. A. Wright, Acting Director.  3

HISTORY OF CIVILIZATION

HISTORY OF CIVILIZATION 21-22  Mr. Irmann, Director.  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. 3
(To be taken in the freshman year, either semester.) A course in the forms of literature with examples selected from great literature, ancient and modern.

FORMS OF FINE ARTS 31-32  Mr. Eichman, Director. 6
(To be taken in either the freshman or sophomore year, both semesters.) 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. 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 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

(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 331-332) 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.

LEADING PHILOSOPHIC AND RELIGIOUS IDEAS

LEADING PHILOSOPHIC AND RELIGIOUS IDEAS 80

(To be taken in either the junior or senior year, either semester, 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 requirement of an adequate philosophy of life.

The committee recommends that all candidates for teaching certificates be required to meet the above general requirements for graduation unless and until the Department of Education recommends to the committee 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 53.
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 50. 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 fifty 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. Biel of the Department of Psychology who will act as Adviser.

TRANSDEPARTMENTAL 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. 1-3
(For juniors and seniors) Content deals entirely with United States-Russian relations. Meets Tuesdays at 8 to 9:45 P.M. for one credit. Extra classes may be arranged for two additional credits.

ART

Mr. Horace King, Mr. Dean, Miss Spencer, Miss Snider

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, 211-212, 311, 101-102, and 205-206.

101. APPRECIATION OF ART Mr. King. 3
Survey of historical styles of architecture, sculpture, and painting of the Western World, followed by study of problems of criticism and judgment in evaluating art forms.

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 Snider. 3
(For non-majors) A series of studio projects in drawing, design, and painting.

111-112. BASIC PROBLEMS IN ART STRUCTURE
Miss Spencer. 3
Studio projects in drawing and design; open to students of marked creative ability who expect to major in Art.

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.

211-212. ADVANCED PROBLEMS
A continuation of 111-112.

221-222. MAJOR TECHNICAL PROBLEMS
Mr. King, Miss Spencer. 2-3
a. Commercial Art, b. Figure Composition, c. Home Planning and Decoration, d. Scene Design, e. Easel and Mural Painting.

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 Spencer. 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 Spencer. 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. PORTRAIT PAINTING
Mr. King, Miss Spencer. 3
Prerequisite, 312, and consent of instructor.

421-422. MAJOR TECHNICAL PROBLEMS
Mr. King, Miss Spencer. 2-3
Continuation of 321-322.

METHODS OF PUBLIC SCHOOL ART (See Education 341)
Requirements for a major in Astronomy are twenty-four 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
   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
   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
   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
   A continuation of Astronomy 113, paralleling Astronomy 112. (Evening to be arranged.)

121-122. AIR NAVIGATION

211-212. PRACTICAL ASTRONOMY
   Prerequisite, 111-112.

215. STELLAR ASTRONOMY
   Prerequisite, 111-112, and consent of instructor.

218. THEORY AND PRACTICE OF OBSERVATION
   Prerequisite, 113-114 and consent of instructor.

221-222. SEMINAR
   Prerequisite, consent of instructor.

411. CELESTIAL MECHANICS
   Prerequisite, the Calculus.

414. ASTROPHYSICS
   Prerequisite, consent of instructor.
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 $5 payable to the test administrator.

111-112. INTRODUCTORY BIOLOGY

Mr. Lindsey, Mr. Morgan, Mr. Hall, Mr. Gamble. 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

Mr. Gamble. 2-3

The local plants and animals based chiefly on the material collected by the student.

115-116. GENERAL BOTANY

Mr. Hall. 3

The structure of plants in relation to the environment, identification of common trees and weeds, reproduction, heredity, and a survey of the great groups of plants.

120. LOCAL FLORA

Mr. Hall. 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. Hall. 5
An introductory course emphasizing the practical work of the laboratory in culturing and identifying micro-organisms. Prerequisite, 111-112 or 116-116.

218. PLANT MORPHOLOGY Mr. Hall. 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 or Mr. Morgan. 3
(Offered only by special arrangement) Introductory study of insects.

CHEMISTRY

Mr. Ronneberg, Mr. Everhart, Mr. Fetters, Mr. Mercer

Students specializing in Chemistry are advised to take courses 111-112, 213-214, 223-224, 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 223-224 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

Mr. Fettens. 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.

223-224. ORGANIC CHEMISTRY

Mr. Everhart. 4
The chemistry of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, 112.

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 or credit in 223.

313-314. ADVANCED QUANTITATIVE ANALYSIS

Mr. Ronneberg. 2
Metallurgical analysis, water, gas, foodstuffs, technical analysis for specific industries. Prerequisite, 214 and 224.

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 46. This course may also be used as a project for honors in the Department of Chemistry.)

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 221-222. Physics majors accepted on recommendation of their adviser.

413-414. HISTORY OF CHEMISTRY

Mr. Everhart. 1
A seminar course.
DEPARTMENTAL COURSES

415-416. LABORATORY
Mr. Everhart. 1
Supplementary laboratory periods for 411-412, for students desiring advanced work.

CLASSICAL LANGUAGES
Mr. Dean

A major in Classical Languages may be secured by completing eighteen 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 twenty-four 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.)

LATIN 104. ROMAN CIVILIZATION 2
Structure of Roman customs and institutions as a legacy to the modern world.

GREEK 201. GREEK DRAMA 2
(Alternates with 203) Fifteen plays, tragedies, and comedies are read and discussed.

GREEK 203. GREEK LITERATURE IN ENGLISH 2
(Alternates with 201; offered in 1948-49) 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)

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, Mrs. Kreps, Mr. Kreps, Mr. Polk, Mr. Peterson

Students wishing to concentrate in the study of Economics may choose between a major in Economics and a major in Business. Those expecting to pursue graduate study in Economics or who expect to enter government service should major in Economics. Students planning on entering a business career should major in Economics or Business, according to their particular interests.

MAJORS IN ECONOMICS are required to choose at least twenty-four hours among the following courses: 211-212 (which is a prerequisite
for most courses), 223 and 224, 315-316, 317-318, 410, 413-414, 431, and 440. They may take additional courses in the department up to a maximum of thirty-six hours. They are also required to take the following related courses in their freshman year: Mathematics 115 or 121, and 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 121, 126; Government 211, 212; Mathematics 205-206; Philosophy 223, 321, 326; Psychology 211, 319; Sociology 210, and Speech 211. For those who contemplate graduate study or government service, modern foreign language is recommended.

MAJORS IN BUSINESS are required to take at least twenty-four hours among the following courses: 211-212 or 213-214, (prerequisite to all other courses except 223, 332, 419), 223-224, 315, 316, 317-318, 332, 419, and 440. They may take additional courses in the department up to a maximum of thirty-six hours. They are also required to take Mathematics 115, 108 or 121-122 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 twenty-four): Geology 121, 126, 230; Government 211, 212, 231-232; History 121-122; Mathematics 205-206; Philosophy 321, 326; Psychology 211, 319, and Speech 221.

There are no prerequisites for the following introductory courses, but majors in Economics and Business who elect 223, 224 are urged to take 223 concurrently with 211 or 213, and 224 concurrently with 212 or 214.

211-212. PRINCIPLES AND PROBLEMS OF ECONOMICS

Mr. Kreps, Mr. Peterson. 3

(Open only to prospective majors in Economics and Business)

213-214. ELEMENTARY ECONOMICS

Mrs. Kreps, Mr. Polk. 3

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

223. PRINCIPLES OF ACCOUNTING

Mr. Kreps, Mr. Polk. 3

The accounting cycle from first entries in the journal and ledger through preparation of the balance sheet and income statement.

224. INTERMEDIATE ACCOUNTING

Mr. Kreps, Mr. Polk. 3

The content of this course is kept flexible and is adapted to the special needs of the students.
### 313. PRINCIPLES OF TRANSPORTATION  
Mr. Peterson. 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. Poll. 3  
Fundamentals of marketing, a study of distribution, 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. 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.

### 316. CORPORATE ORGANIZATION AND FINANCE  
Mr. Peterson. 3  
Principles underlying the promotion, organization, financial structure, control, failure, and reorganization of corporate enterprise. Prerequisite, 211-212 or 213-214 and 223.

### 317-318. LABOR ECONOMICS  
Mr. Gordon. 2  
(Both semesters required for credit) Relations between labor, employers, and the state; labor organization and collective bargaining; scientific management, employee representation, and profit-sharing. Society's efforts, through government, to solve labor problems by legislation. Prerequisite, 211-212 or 213-214.

### 332. ECONOMICS FOR CONSUMERS  
Mr. Gordon. 3  
(Offered each semester to juniors and seniors) Special attention is given to advertising and marketing from the consumer's point of view.

### 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  
Mr. Peterson. 3  
(Open to senior 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.

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, Mr. Major

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 courses 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.

101. LIBRARY USE
(Not offered in 1947-48)

102. SCHOOL LIBRARY WORK

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. Hawes. 3

216. HISTORY OF EDUCATION
(Open to freshmen with consent of instructor)
Mr. Major. 3

309. EDUCATIONAL SOCIOLOGY
(Alternates with 311)
Mr. Hawes. 3

311. THE TEACHING OF SCIENCE
(Alternates with 309) Prerequisite, 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
(Alternates with 215) Prerequisite, 211, 321 and Psychology 211.
Mr. Major. 3

320. THE TEACHING OF SOCIAL STUDIES
Prerequisite, 211, 321; Psychology 211.

321. EDUCATIONAL PSYCHOLOGY
Application of the principle of growth and learning to education.
Prerequisite, Psychology 211.
Mr. Major. 3

325. EVALUATION OF TEACHING
Construction and use of tests; selection of standard tests; and interpretation of test results.
Mr. Major. 3
DEPARTMENTAL COURSES

326. THE TEACHING OF GENERAL METHODS IN HIGH SCHOOL
   Prerequisite, 211, 321; Psychology 211. Mr. Major. 3

331. THE TEACHING OF ENGLISH
   Prerequisite, 211, 321; Psychology 211. Miss Lewis. 3

333. THE TEACHING OF LATIN
   Prerequisite, Education 211, 321; Psychology 211. Mr. Dean. 2-3

335. THE TEACHING OF MATHEMATICS
   Prerequisite, Education 211, 321; Psychology 211; Mathematics
   116 or 122. Mr. Rupp. 3

337. THE TEACHING OF RELIGION
   Prerequisite, Religion 115. Mr. Stewart. 3

339. THE TEACHING OF SPEECH
   History of rhetorical thought, psychology of language, phonetics,
   the shaping of speech curriculum. Prerequisite, Education 211, 321;
   Psychology 211. Mr. Crocker. 2

401. METHODS OF PUBLIC SCHOOL ART
   Prerequisite, 211, 321; Psychology 211. Miss Spencer. 4

402. METHODS OF STUDY
   Prerequisite, 211, 321; Psychology 211. Mr. Hawes. 1

402. PROFESSIONAL READINGS
   (A total of four credits may be taken in this course.) Mr. Hawes. 1

412. PRINCIPLES OF SECONDARY EDUCATION
   Individual differences of the secondary school pupil; social prin-
   ciples; and a philosophy of education. Prerequisite, fifteen hours in
   Education. Mr. Hawes. 3

413. SEMINAR IN MUSIC EDUCATION
   Required of students doing practice-teaching in music. Mr. John. 1

414. SCHOOL ADMINISTRATION AND SUPERVISION
   Prerequisite, fifteen hours in Education. Mr. Hawes. 3

415-416. STUDENT TEACHING
   Eligibility: residence at Denison for one year; a major in educa-
   tion; 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 addi-
   tion to his student teaching. Conference Thursday, 4 p.m. Prerequi-
   site, consent of instructor. Mr. Hawes, Mr. Major. 4-6
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 54.)

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

101. STATISTICAL GRAPHICS

(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

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

Conventional projection theories of drafting with problems and applications in point, line, and plane; intersection and development of surfaces. Prerequisite, 111.

115. MACHINE DRAWING

Elementary design and working drawings. Prerequisite, 111.

122. ELEMENTARY SURVEYING

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

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

Engineering materials and their reactions to applied loads—including stress, strain, tension, compression, shear, torsion, and flexure. Prerequisite, 311.

ENGLISH

Mr. J. L. King, 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 twenty-six 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 10a and 30 (English 111-112) are required of all freshmen. Courses 211-212 are 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.

111-112. ENGLISH COMPOSITION (Core Courses 10a and 30)

Miss Shannon, Mr. Mahood, Mr. Arnold, Miss Lewis,
Miss Trawick, Mr. Bennett. 3

Drill in grammar and the fundamentals of composition, and the writing of short themes and one long research paper (first semester); an introduction to literature, with special attention to the novel, drama, and poetry (second semester).

211-212. ENGLISH LITERATURE

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

213-214. NEWSWRITING AND EDITING

Mr. Mahood. 3

Assignments in news writing and analysis (first semester) and practice in handling copy combined with editorial responsibility (second semester).

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.)

315. CORRECTIVE ENGLISH Mr. Downs. 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.)

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.

326. THE SHORT STORY 3
   A study of the short story as a literary form, with the analysis of typical examples.

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.

330. THE MODERN DRAMA Miss Shannon. 3
   Drama from Ibsen to the present, with emphasis upon the works of British and American playwrights.

331-332. 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).

333. CHAUCER Mr. King. 3
   The life and times of Chaucer with a reading of the Canterbury Tales, Troilus and Cressida, and some of the shorter poems.

335. VICTORIAN POETS Miss Shannon. 3
   A study of Tennyson, Browning, Arnold, Swinburne, and other poets of the period.

336. BROWNING Mr. Mahood. 2
   The lyrics and dramatic monologues, two plays, and The Ring and the Book.

337. ADVANCED COMPOSITION Mr. Bennett. 2
   Designed for students of special talent who want further training in creative writing. 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.

340. ENGLISH PROSE OF THE 19th CENTURY
Mr. Mahood.  2
Exclusive of the novel, a study of Carlyle, Ruskin, Macaulay, Arnold, Lamb, Hazlitt, Pater, and others.

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.)

342. ENGLISH AND AMERICAN NOVEL—1870 TO THE PRESENT
Mr. Mahood.  2-3
(Additional outside reading for three hours' credit.)

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.

THE TEACHING OF ENGLISH (See Education 331.)

FAMILY LIFE
Mrs. Vreeland

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.

Students whose primary interest is Family Life are urged to consider the following courses: Art 221c, Biology 111-112, 201-202, Chemistry 109-110 or 111-112, Economics 332, English 215-216, Fine Arts 101-102, History 111-112, Government 211, 212, Philosophy 321, 326, Physical Education 201A, 201B, Psychology 211, 217, and Religion 101, 312.

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
(Offers 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
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
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, Mr. Mahard

A student majoring in Geology is expected to take a minimum of twenty to thirty hours in Chemistry, Physics, Mathematics, Biology, and Engineering Science in addition to twenty-four hours in Geology and a summer field course in a western camp. Geography 121 may be offered for Geology credit.

GEOLOGY

111. PHYSICAL GEOLOGY
Mr. Wright, 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. Wright, 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.

125. GEOMORPHOLOGY
Mr. Wright, Mr. Mahard. 2
The origin and description of landforms.

126. 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, 121, or 125.

214. PHYSIOGRAPHY AND GEOLOGY OF THE EASTERN UNITED STATES
Mr. Wright. 3
216. PHYSIOGRAPHY AND GEOLOGY OF THE WESTERN UNITED STATES
Mr. Wright 3

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, 121, 126.

120. 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.

412. SEMINAR
Mr. Wright 2-4
Work in structural or economic geology.

GEOGRAPHY

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

121. PRINCIPLES OF GEOGRAPHY—PHYSICAL AND HUMAN
Mr. Mahard 3
Elements of the physical environment and their effects upon man. (This course counts as Group C.)

230. GEOGRAPHY OF SOUTH AMERICA
Mr. Mahard 3
(Offered in 1948-49) Environmental factors and their significance in the affairs of South America and the World. Prerequisite, 111 or 121 or 125. (This course counts as Group B.)

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 121 or 125. (This course counts as Group B.)

HISTORY AND GOVERNMENT

Mr. Utter, Mr. Stratton, Mr. Comfort, Mr. Irrmann, Mr. Southgate, Mr. Morrow, Mr. Schab, Mr. Johnson

A minimum of twenty-four hours is required for a major in either division. History 111-112 and 221-222 are basic for prospective majors, whose sequence of courses will be determined in consul-
tation 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**

111-112. HISTORY OF WESTERN CIVILIZATION (Core Course 21-22)  
Mr. Irmann, Mr. Stratton, Mr. Southgatz, Mr. Schab, Mr. Johnson. 4  
Investigation of the origins and development of Western Culture and institutions.

121-122. ECONOMIC HISTORY OF THE UNITED STATES  
Mr. Utter. 3  
(Offered primarily for majors in Economics but open to others by consent.)

213-214. HISTORY OF ENGLAND  
Mr. Irmann. 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. Schab. 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. Irmann. 3  
European history, political and diplomatic, since the eve of World War I. Prerequisite, 111-112 or consent.

320. NINETEENTH CENTURY EUROPE  
Mr. Irmann. 3  
Constitutional and diplomatic development of Europe from 1815 to the 20th century, with emphasis upon significant economic and social theories and their effects. Prerequisite, 111-112.

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 1948-49) 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 1948-50) A history of the spread of Europeans overseas since 1500. Particular attention is given to the British Empire. Prerequisite, 111-112.

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.)

411. HISTORIOGRAPHY  
Mr. Utter, Mr. Stratton, Mr. Irmann. 2  
(Required of majors) Introductory course in historical method.

GOVERNMENT

211. AMERICAN NATIONAL GOVERNMENT  
Mr. Comfort. 3  
Study of the development, structure, and operation of our national government. Prerequisite for all courses in the division except 231-232.

212. STATE AND LOCAL GOVERNMENT  
Mr. Comfort. 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.

310. INTERNATIONAL RELATIONS  
Mr. Comfort. 3  
Study of geographic, economic, and political factors in modern international society.

316. PUBLIC ADMINISTRATION  
Mr. Comfort. 3  
(Not offered in 1948-49) Analysis of organization, principles,
and methods of public administration, with special reference to current problems.

403. POLITICAL PHILOSOPHIES
Mr. Comfort. 3
(Not offered in 1948-49) Introduction to political thought from Socrates to Karl Marx.

404. RECENT POLITICAL THOUGHT
Mr. Comfort. 3
(Not offered in 1948-49) 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. 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, 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 460 and two other courses, not counting 108, 203, or 323. 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 twelve hours in subjects related to Mathematics. These may be in Science, Philosophy or Economics.

SEQUENCE I

115. ELEMENTARY MATHEMATICAL ANALYSIS (Core Course 40a)
Mr. Rupp, Mr. Kato, Mr. Ladner, Miss Wetzel, Miss Carpenter. 4
This handles in an integrated course selected topics in Algebra, Plane Trigonometry, Plane Analytic Geometry and a brief introduction to The Calculus.
DEPARTMENTAL COURSES

116. ELEMENTARY MATHEMATICAL ANALYSIS
(Continuation of 115) 4

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. 5
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  Miss Carpenter. 3
Interest and annuities, life insurance, and reserves. Prerequisite,
115 or 121 or consent of instructor.

203. SOCIAL STATISTICS  Miss Wetzel. 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. Pre-
requisite, 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. Pre-
requisite, 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 em-
   phasis upon modern statistical methods.

453. VECTOR ANALYSIS WITH INTRODUCTION TO TENSOR ANALYSIS  Mr. Kato.  4
   Prerequisite, The Calculus and General Physics.

460-461. SENIOR SEMINAR  Mr. Wiley, Mr. Kato, Miss Wetzel
   (Required of majors) Designed to integrate the student's mathem-
   atical 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. DeLand, Mr. Secor, Mr. Skipp, Miss Koerber, Miss Bailey,
Miss Selby, Miss Holtom

For a major in this department a minimum of twenty-four hours
above the first-year level in the language is necessary. A maximum
of fifty hours, of which not more than thirty-six 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

111-112. INTRODUCTION TO THE FRENCH LANGUAGE  Mr. Secor, Miss Bailey, Miss Selby.  5

211-212. INTERMEDIATE FRENCH  Mr. Secor, Miss Bailey, Miss Selby.  5
   Reading, grammar review, and conversation. Prerequisite, two
   years of high school French or one year of college French.
DEPARTMENTAL COURSES

213-214. CONVERSATION AND COMPOSITION Mr. Secor. 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 Composition as needed.

317. THE CLASSIC DRAMA Mr. Secor. 3
(Offered in 1948-49) Corneille, Racine, Molière. Prerequisite, 311-312.

318. EIGHTEENTH CENTURY LITERATURE Mr. Secor. 3
(Offered in 1948-49) 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.

320. NINETEENTH CENTURY THEATRE Mr. Secor. 3
The Romantic, Realistic-Social, Naturalistic Schools, and modern trends. Prerequisite, 311-312.

412. SURVEY OF FRENCH LITERATURE
(Not offered in 1947-48) 3

414. POETRY OF ROMANTICISM
(Not offered in 1947-48) Hugo, Lamartine, de Musset, and others. 3

415-416. ADVANCED FRENCH GRAMMAR AND WRITING Mr. Secor. 2
(Offered in 1948-49)

GERMAN
Mr. Skipp, Miss Koerber

111-112. INTRODUCTION TO THE GERMAN LANGUAGE Mr. Skipp, Miss Koerber. 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 Koeber. 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 1947-48) 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.

318. GOETHE'S WORKS  Mr. Skipp. 3
   (Alternates with 320) Selections. Prerequisite, 212, 317 or 319 or consent of instructor.

319. NINETEENTH CENTURY PROSE  Mr. Skipp. 3
   (Offered in 1948-49) 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
   (Offered in 1948-49) Kleist, Grillparzer, 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  Mr. DeLand. 5
   (Offered upon demand)
DEPARTMENTAL COURSES

PORTUGUESE

111-112. INTRODUCTION TO THE PORTUGUESE LANGUAGE Mr. DeLand. 5

211-212. INTERMEDIATE PORTUGUESE Mr. DeLand. 3
(Not offered in 1947-48)

SPANISH

101. SPANISH CIVILIZATION 2
(Not offered in 1947-48) 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 1947-48) Study of Hispanic-American culture and character, especially as expressed in literature, read in translation.

111-112. INTRODUCTION TO THE SPANISH LANGUAGE Mr. DeLand, Miss Bailey, Miss Holtom. 5

211-212. INTERMEDIATE SPANISH Miss Holtom, Miss Koerber. 3
Reading, grammar review, and conversation. Prerequisite, two years of high school Spanish or one year of college Spanish.

213-214. CONVERSATION AND COMPOSITION Mr. DeLand, Miss Holtom. 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 SPANISH LITERATURE AND CIVILIZATION Mr. DeLand. 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 Mr. DeLand. 2
(Offered in 1948-49) A study of the letters and forms used in business. Prerequisite, 211-212 or equivalent.

314. ADVANCED CONVERSATION Mr. DeLand. 2
(Offered in 1948-49) Composition as needed. Prerequisite, 213-214.

317. DRAMA OF THE GOLDEN AGE Miss Holtom. 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.

319. SPANISH NOVEL
Prerequisite, 311-312.

Mr. DeLand. 3

320. MODERN SPANISH DRAMA
Prerequisite 811
Cruz, Moratin, García Gutiérrez, Bretón, Tamayo y Baus, Echegaray, Pérez Galdós, Benavente, Martínez Sierra, Los Quinteros, Linares Rivas, and Marquina. Prerequisite, 311-312.

323-324. SPANISH-AMERICAN LITERATURE AND CIVILIZATION
(Offered in 1948-49) Prerequisite, 311-312. History 325-326 and Geography 230 recommended.

414. ADVANCED COMPOSITION, PHONETICS
Mr. DeLand. 3

MUSIC
Mr. Eschman, Mr. Stark, Mr. Larson, Miss Haury, Mr. Gelfer, Mr. John, Mr. Strandberg

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 forty hours (including four hours in Ensemble Music) under the former, or sixty-four 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.

103-104. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING
Mr. Eschman, Mr. Larson, Mr. Gelfer, 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 MUSICIANSHP
   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 MUSICIANSHP
   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. 1
   (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; offered in 1948-49.) 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 1948-49) 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, Mr. Hepp**

A major requires twenty-four 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>121</td>
<td>ETHICS FOR TODAY (Freshman section)</td>
<td>Mr. Titus</td>
<td>3</td>
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<tr>
<td></td>
<td>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.)</td>
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<tr>
<td>223</td>
<td>REFLECTIVE THINKING (Core Course 40b)</td>
<td>Mr. Hepp</td>
<td>4</td>
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<tr>
<td></td>
<td>The principles, problems, and skills of clear and accurate thinking; analysis of meaning, forms of inference, and factual inquiry in everyday life and the sciences.</td>
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<td>224</td>
<td>LIVING ISSUES IN PHILOSOPHY</td>
<td>Mr. Titus</td>
<td>3</td>
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<td></td>
<td>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.</td>
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<tr>
<td>321</td>
<td>ETHICS FOR TODAY</td>
<td>Mr. Titus</td>
<td>3</td>
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<td></td>
<td>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.)</td>
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<td>326</td>
<td>MODERN SOCIAL PHILOSOPHIES</td>
<td>Mr. Titus</td>
<td>3</td>
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<td></td>
<td>An examination of present-day society, also of socialism, communism, fascism, and the cooperative movement. Prerequisite, 321 or consent of instructor.</td>
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<td>327</td>
<td>THE PHILOSOPHY OF CIVILIZATION</td>
<td>Mr. Titus</td>
<td>3</td>
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<td>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.</td>
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<tr>
<td>331</td>
<td>HISTORY OF PHILOSOPHY—Ancient and Medieval</td>
<td>Mr. Hepp</td>
<td>3</td>
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<tr>
<td></td>
<td>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.</td>
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<td></td>
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<tr>
<td>332</td>
<td>HISTORY OF PHILOSOPHY—Modern</td>
<td>Mr. Hepp</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Modern philosophies which have shaped the contemporary mind. First-hand acquaintance with the philosophical classics from Descartes to Kant.</td>
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</table>
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 forty 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 eighteen hours of credit. Students preparing for such work are encouraged to include in their courses eight hours of biological and physical sciences (see Group C, page 52) and eight hours of social studies (see Group B, page 52). The minimum requirements in Education are stipulated by the State Department of Education for all high school teachers (see page 71).

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**

Corrective gymnastics, rhythms, 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**

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

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

2018. 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 rhythmics. Counts for two hours each semester as Education credit (see page 78). 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 688.
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 71). 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, 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.
DEPARTMENTAL COURSES

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 WHOLESOIME 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 71). Prerequisite, 215, Education 211, and Psychology 211.

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.

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.

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 71). Prerequisite, 111-112, 211-212; Education 211, 321; Psychology 211.

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, particular-
DEPARTMENTAL COURSES

431. PHYSIOLOGY OF ACTIVITY

(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

Miss Barr. 3

351. RECREATIONAL LEADERSHIP

(Alternate course; not offered in 1947-48.) Organized recreation and the leisure-time movement. Principles of group activity; leadership and the field of recreation; recreation surveys.

PHYSICS

Mr. Leon Smith, Mr. Howe, Mr. Deeds

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 115 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 115.

113-114. GENERAL PHYSICS LABORATORY

Mr. Howe, Mr. Deeds. 2

(For Students in Arts) Parallels work of courses 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, de-
   signed for Engineering and Science students. Prerequisite, 111-112,
   and Mathematics 115-116 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 measure-
   ments. The theoretical course covering the same field is 313. Pre-
   requisite 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 1947-48.) 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 1947-48.) Introduction to the
   study of geometrical and physical optics. The corresponding labora-
   tory course is 312. Prerequisite, 211-212, and Mathematics 221-222.

333. KINETIC THEORY
   Mr. Smith. 3
   (Alternate course; offered in 1947-48.) A lecture course pre-
   senting the kinetic theory and elementary thermodynamics. Prere-
   quisite, 211-212, and Mathematics 221-222.

334. ELECTRON THEORY
   Mr. Smith. 3
   (Alternate course; offered in 1947-48.) 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. Prere-
   quisite, 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. Steckle, Mr. Biel, Mr. Dixon, Mr. Lundin, Mr. Tejler

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; Economics 213-214; Mathematics 203; Philosophy 223 and 326; Sociology 209-210; and Theatre Arts 316. Core Course 71-72 may be substituted for Economics 213 and Sociology 209.

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 40a (Mathematics 115), Mathematics 116, Physics 111-112 and 113-114.

Psychology 211 is prerequisite to all other courses in the department except 101.

101. STUDY CLINIC  Mr. Dixon.
(Offered each semester) Non-credit laboratory course designed to improve study habits and techniques including diagnostic testing and individual counseling.

211. GENERAL PSYCHOLOGY  Mr. Lundin, Mr. Tejler.  3
(Offered each semester) Introduction to the general nature and principles of behavior.

212. SURVEY OF APPLIED PSYCHOLOGY  Mr. Biel.  3
Major problems and their solutions to which applied psychologists have made their contribution.

217. DEVELOPMENTAL PSYCHOLOGY  Mr. Lundin.  4
(Offered each semester) Psychological development in lower forms and in man especially during early periods of growth.

226. PROBLEMS IN PERSONALITY  Mr. Steckle, Mr. Tejler.  3
(Offered each semester) Motivations of man with emphasis upon behaviors requisite for adequate living.
315-316. EXPERIMENTAL PSYCHOLOGY  
Mr. Steckle. 3
Experimental approach to human behavior emphasizing experimental design and research. Prerequisite, Mathematics 203.

319. INDUSTRIAL PSYCHOLOGY  
Mr. Biel. 3
Psychological principles and methods as they contribute to the solution of industrial problems. Prerequisite, Mathematics 203.

323. PERSONNEL TESTING  
Mr. Biel, Mr. Dixon. 2
Construction, administration, scoring and use of psychological tests in personnel work. Prerequisite, Mathematics 203.

330. ADVANCED EXPERIMENTAL PSYCHOLOGY  
Mr. Steckle. 2, 3 or 4
Experimental study of an original problem. Prerequisite, 315.

338. SOCIAL PSYCHOLOGY  
Mr. Lundin. 3
Individual behavior as it is influenced by cultural forces. Prerequisite, Sociology 209 or 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, 323.

343. ADVANCED TESTING  
Mr. Steckle. 2
A survey of projective techniques and their application in clinical use. Prerequisites, 315, 342.

345-346. ADVANCED TESTING WORKSHOP  
Mr. Dixon. 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. Steckle. 3
Psychopathology: Its development, course and treatment with emphasis upon prevention and cure. Prerequisite, 226.

412. SYSTEMATIC PSYCHOLOGY  
Mr. Steckle. 3
A study of the schools of psychological thought and theory. Prerequisite, 315-316, 342.

420. INDUSTRIAL COUNSELING  
Mr. Biel. 3
Principles and methods of psychological counseling with main emphasis upon uses of these techniques in industry. Prerequisite, 319.

440. PROBLEMS IN PSYCHOLOGY  
Mr. Steckle. 1
(A total of two credits may be taken in this course.) Seminar designed to integrate the student's knowledge of psychology.
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

The meaning of religion in its manifold aspects, designed for freshmen and sophomores.

111. THE OLD TESTAMENT

The history of Hebrew life and thought to the Exile.

112. LIFE OF JESUS

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

Topical analysis of his recorded sayings. Prerequisite, 112, or consent of instructor.

115. PRINCIPLES OF RELIGIOUS EDUCATION

The principles, problems, and programs of religious education as carried on by the local church and community.

116. THE MODERN CHURCH SCHOOL

The organization, administration, and aims of the Church School.

205-206. FIELD WORK IN RELIGION

(Open to freshmen without credit) Work in religion undertaken by Denison students.

211. OLD TESTAMENT: THE PROPHETS

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

To the end of the Apostolic Age. Prerequisite, 112, or consent of the instructor.

217. THE FAITHS OF MANKIND

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
(Continuation of 301 in the social field.)
Mr. Pitcher. 3

305-306. SECOND YEAR OF FIELD WORK IN RELIGION
Mr. Stewart. 1

312. STORY-TELLING AND DRAMATIZATION
Their use in religious education.
Mr. Stewart. 3

321. WORSHIP AND HYMNODY
Mr. Stewart. 3
The nature and function of worship, the great Christian hymns, and principles of evaluation.

THE TEACHING OF RELIGION (See Education 337)

SOCIOLGY
Mr. Detweiler, Mrs. Vreeland, Mr. Underwood

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 History 111-112; Government 211, 212; Psychology 211, 338.

209. PRINCIPLES OF SOCIOLOGY (Core Course 71-72)
Mr. Underwood. 3
(Open to freshmen only on consent of instructor) Principles of Sociology; the American way of life.

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. Detweiler. 3
Social meaning of delinquent behavior and its relation to the citizen and to the community. Prerequisite, 210.

222. SOCIAL INVESTIGATION
Mr. Detweiler. 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. Detweiler. 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.

312. **RACE PROBLEMS IN THE UNITED STATES** Mr. Detweiler. 4

Indians, Orientals, Mexicans, Negroes, and other minority groups in the United States. Prerequisite, six hours of Sociology.

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.

420. **SEMINAR** Mr. Detweiler. 3

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

**SPEECH**

Mr. Crocker, Mr. Orr

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, and 223. Students who expect to teach Speech will include other courses with consent of instructor.

113. **ORAL READING (Core Course 10c)** Mr. Crocker. 3

(Not open for credit to students who have received credit in Theatre Arts 113, 114) A course designed to aid in the development of adequate intellectual and emotional responsiveness to the meaning of the printed page.

114. **ORAL READING** Continuation of 113.

Mr. Crocker. 3

131. **VOICE AND SPEECH IMPROVEMENT** Mr. Orr. 2

A course designed to help the student improve articulation, enunciation, and pronunciation; the relation of speech to mental
hygiene; an introduction to the study of speech disorders: types, characteristics, diagnosis, and theories of treatment.

211. ELEMENTS OF SPEECH (Core Course 10b)  Mr. Crocker, Mr. Orr.  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.

212. ELEMENTS OF SPEECH  Mr. Crocker, Mr. Orr.  3
Continuation of 211.

219. INTERCOLLEGIALE 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. Orr.  3
The history of radio development; comparative study of broadcasting practices in other countries; radio as a social force and cultural influence; general introduction to broadcasting; practice in preparing, rehearsing, and producing programs of various types. Prerequisite, 211 or equivalent.

226. RADIO WORKSHOP  Mr. Orr.  3

227. ADVANCED RADIO PRODUCTION  Mr. Orr.  1-3
Designed for students interested in the actual production of radio programs. Prerequisite, 225, 226.

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.

THE TEACHING OF SPEECH (See Education 339)
DEPARTMENTAL COURSES

THEATRE ARTS

Mr. Edward A. Wright, Mr. Rittenour, Mr. Adams

Students whose major work is in this department will elect twenty-eight to thirty-two hours. Recommended courses in allied fields are English 215-216, 321-322, 330; Fine Arts 101, 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 Speech 211 and substitute Speech 220 for 221.

113. DRAMATIC INTERPRETATION (Core Course 10d)

Mr. Wright, Mr. Rittenour. 3

(Not open for credit to students who have received credit in Speech 113-114) 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.

114. ADVANCED DRAMATIC INTERPRETATION

Mr. Wright, Mr. Rittenour. 3

(Not open for credit to students who have received credit in Speech 113-114.) An elective to follow 113 with emphasis on developing an individual platform personality and the building of a repertoire.

215-216. INTRODUCTION TO THE THEATRE

Mr. Wright. 3

Survey of the Theatre as an Art. History of World Theatre from beginning to present with emphasis on appreciation. Introduction to Make-up, Acting, Scene Construction, Lighting and Direction as parts of unified production.

223. THEATRE WORKSHOP

Mr. Adams. 2-3

Actual practice in all phases of designing, building, and painting scenery.

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, $75 to $90. Prerequisite, consent of instructor.
227-228. ACTING FOR BEGINNERS
Mr. Rittenour.  2
Acting experience in class work and studio productions. Emphasis on stage principles, traditions and character-creation, emotional interpretation, and projection.

229-230. ADVANCED ACTING
Mr. Wright, Mr. Rittenour.  2
Work in all types of acting with emphasis on varsity production. Prerequisite, consent of instructor.

301. MINOR TECHNICAL PROBLEMS
Mr. Wright, Mr. Rittenour.  2
(A total of six credits may be taken in this course.) Open to non-majors who show special talent in lighting, design, make-up, direction, costuming, play-writing or allied theatre problems. Prerequisite, consent of instructor.

315. 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.

316. PSYCHOLOGICAL CHARACTER ANALYSIS
Mr. Rittenour.  2-3
(Open only to junior or senior majors in Theatre Arts and Psychology) A laboratory study of characters in selected psychological plays taught in cooperation with the Department of Psychology.

401. MAJOR TECHNICAL PROBLEMS
Mr. Wright.  2
(A total of six credits may be taken in this course.) Open to Theatre majors whose special talent in lighting, direction, costuming, playwriting, dramatic interpretation or such projects as may be necessary to complete a well-rounded background in their major field. Prerequisite, consent of instructor.

415, 416. PLAY DIRECTION
Mr. Wright, Mr. Rittenour.  2
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. 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 1936 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 Guilmant 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, George Boyle, and Rudolf Ganz in piano. Instructor, Maryland School for the Blind and Occidental College.

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 Phaus, flute; William Stubbins, clarinet; Milton Rusch and Erik Leidzen, theory; Hugo Anhalt, conducting.

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.
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 88.)

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.

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 86), 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 9, 1947

HONORARY DEGREES

WILLIAM FREDERICK WINDLE, Doctor of Science
NORMAN JUDSON PADELFO, Doctor of Laws

THE DEGREE OF BACHELOR OF ARTS WITH HONORS

NORMAN BURT ABELL, Biology A Comparative Study of the Variations of the Post Caval Veins of the Cat and the Rat, and a Description of a New Variation in the Cat

ROBERT GARFIELD ANDERSON, JR., Chemistry The Determination of Iron in Biological Substances with a Spectrophotometer

JAMES BARBOUR ASHBRROOK, Citizenship How Have Employer-Employee Relations in Union and Non-Union Shops in Newark, Ohio, Been Affected in the Period, 1940-45, by the Operation of the National War Labor Board?

JACK MONTGOMERY BOWIE, Economics Are We Moving Toward a Labor Party in the United States?

GORDON HENRY CONDIT, Theatre Arts The Writing and Assisting in the Production of An Original Three-Act Play Entitled: "Thank You, Stranger"

RICHARD ALBERT DEAN, Mathematics The Implication Relationship

DOROTHY ELISE HALDI, Sociology Underprivileged Children of Licking County

WILLIAM FARRAND LORANGER, Chemistry A Spectrographic Study of Some Aluminum Alloys

TADAO MUKAIHATA, Physics Design and Construction of a Spectrographic Densitometer

CONSTANCE ANNE PALMER, Theatre Arts A Study of Course Content and Texts Used in Drama Courses of 200 Ohio High Schools with a Proposed Teachers' Outline for One-Year Course in Dramatics Open to Juniors and Seniors in Secondary Schools

JOHN EDWARD SAVESON, English The Artist's Relation to Modern Society as Found in the Works of Thomas Mann

MARTHA FRANCES STURM, Psychology The Role of Security-Insecurity Feelings in Liberal and Conservative Attitudes

MARCIA HELEN YOTH, Psychology The Autokinetic Test as a Measure of Introversion-Extroversion

118
RICHARD ROBERT WEBER, Mathematics  Elementary Examples of Tensors

VIRGINIA RODELL WETMORE, English  The Influence of Chinese and Japanese Poetry on the Imagist Movement

THE DEGREE OF BACHELOR OF SCIENCE WITH HONORS

SHIH-CHUN HUA, Mathematics  Solution of Partial Differential Equations by Help of Fourier Series

PEGGY ANNE LEOPOLD, Psychology  The Effect of Direction of Indicator Movement upon Efficiency in Operating Aircraft Controls

BARBARA WHEATLEY, Psychology  An Analysis of Public Attitudes in Columbus, Ohio, Toward Several Civic and Industrial Problems

THE DEGREE OF BACHELOR OF ARTS

Richard Greenleaf Adams
Jonathan Raymond Alder
Leah Abbie Ashbrook
Nancy Richards Baer
Barbara Arlene Baker
Elsie Ann Barry
Suzanne Mary Barth
Harriet Bayrd
Barbara Ann Beck
Matthew Rocco Biscotti '46
Marion Lee Bixby
Ernest Bodenweber, Jr.
Alvin Bonzelaar '46
Marvin Bonzelaar '46
Margaret Diane Bowsman
Elinor Jean Boyd
John Gilbert Bradley
John David Broadhurst
Jean Louise Brokaw
Margaret Lois Brown
Priscilla Brown
Charles Dean Browne
David Myron Browne
Natalie Tracy Buckhout
Janet Warren Burnham
Richard Halstead Burt
Charles Worthington Carman

William Gilbert Cassel
Rutherford Louise Cathcart
Janet Ruth Caudell
William Thomas Chirm, Jr.
John Edward Christman
Barbara Lee Clark
Sheldon Tuttle Clark
Frances Elaine Crim
Charles Robert Daganhardt
Henry Marcus Dahlquist, Jr.
Betty Jane Dancey
Lucille Davidson
John Eldridge Deacon
Jean Carolyn De Garmo
Robert Bancroft Dell
Frank Luke Denes '46
William Allen Dentel
Marilyn Lucille DeVerna
John Edwin Doddridge
Marjorie Ann Donley
Marjorie Mauger Edwards
James Parnell Egan
Ruth Nancy Emery
Robert Harold Erickson
Donald Frazier Eschman
Robert Henson Faber
Ann Elizabeth Fager
Robert William Thomas Feindt
Jack London
Roger Hutton Ferger
Joan Sue Lyne
Donald Earl Fiely
Martha McConnell
Patricia Lois Fleck
Robert Hathorn McCulloch
Benjamin Frederick Forman
Ruth Carolyn McCullough
Martha Jane Fox
Margaret Ann MacLean
Jack Sivyer Geneser
Donna Jean McNeal
John David Glasgow III
Marjorie Elizabeth Madden
Dorothy Varner Glass
John William Mahan
Byron Elmer Goodell
Joseph Alvin Malikowski
Edgar Dale Gosnell
Robert William Mickle
Matheson Frederick Green
Ruth Layton Miesse
Patricia Paula Griffin
John Milner Morton
John Warren Gripe
Mary Eleanor Neely
Ernest Lee Grove, Jr.
Gerald William Neff
Maralyn Jeanc Haines
Joy Ellen Neubauer
Kelma Elaine Hegberg
Robert Percy Neuschel
John Franklin Heller, Jr.
Donald Leigh Oberlin '46
Theodore Frank Holbert
Louise Carpenter Ostergren
Nancy Paula Griffin
David Shreve Owen
John Warren Gripe
Mary Warren Morton
Ernest Lee Grove, Jr.
Mary Eleanor Neely
Kelma Elaine Hegberg
Gerald William Neff
John Franklin Heller, Jr.
Robert Percy Neuschel
Theodore Frank Holbert
Donald Leigh Oberlin '46
Mary Warren Morton
Mary Warren Morton
Martin VanNess Julian
Mary Warren Morton
George Henry Kanouse
Mary Warren Morton
Leslie Gerald Karel
Nadine Ruth Pennell
Robert Franklin Kendall '46
Margaret Elizabeth Peoples
Marjorie Ann Kerr
Paul Richard Petrequin
Mary Jean Irwin
James Henry Pratt
Robert Spurgeon Jenkins '46
Patricia Marie Pratt '46
Rensselaer Robinson Johnson, Jr.
Glynn Thomas Price
Marion VanNess Julian
Nancy Price
George Henry Kanouse
Robert Howard Pugsley
Leslie Gerald Karel
Ober Donald Purvis '46
Robert Franklin Kendall '46
Eloise (Jones) Pyle '46
Marjorie Ann Kerr
Richard Dunham Radford
Mary Jean Irwin
Dorothy Ruth Rawson
Robert Spurgeon Jenkins '46
David Edward Reese
Rensselaer Robinson Johnson, Jr.
Reva Jane Rehard
Marie Ann Kerr
Nancy Marguerite Rhoads
Mary Jean Irwin
Mary Margaret Landis
Mary Elizabeth Richards
Mary Laird Landis
Barbara Lee Rigg
William James Lane
Eugene Sterling Rohrich
Kenneth Dahl Larson
Walter Ruchynsky
Betty Marie Lehman
Mary Alice Schilling
Anne Ward Lewis
Eugene Schmid
Paul Joseph Lewis
Joseph Robert Schreiner
Madelon McClintock Lockhart '46
John Tyler Lochner
Richard Lee Schwartz
James Franklin Short, Jr.
Deborah Sedgwick Silasbee
David Potter Skeggs
Betty Lu Smith '46
James Orlando Smith III
Mary Ellen Smith
Shirley Belle Smith
Virginia Susan Smith
Winifred Jean Smith
Gloria Marie Snider
David Calvin Soletter
Edwin Denison Sorenson
Millard Ball Souers
Betty Elaine Sowles
Gordon Taylor Speckman
Alvin Calvin Spencer, Jr.
Arthur Gould Staddon '46
James Joseph Staadt
George David Stearns
Horace Edwin Stocker, Jr.
Priscilla Freeman Stokes
William Ewart Stokes, Jr.
Frank Gilbert Stumpf
Robert James Sutton
Nancy Jo Taylor

Charles Jessup Teetor
John Carter Thomas
Erwin Dale Tregoning
James Burchall Turner
Geraldine Rose Twyford '46
Wayne Stoddard Underhill
Caryl Rae Van Alstyne
Ralph Beverly Vawter
Robert Warren Vickers
Marjorie Ann Watson
Howard William Webb, Jr.
Gloria Ruth Weber
Nelle Louise Weber
Josephine Wells
William Ralph West
Robert Ann Westcott
Thea Douglas Wise
Marcia Gwendolyn Wood
Esther Worstell
Harold Douglas Wright
John Charles Wright
Marjorie (McCracken) Wright
Mary Isabel Wright
Dale Ford Wyatt

THE DEGREE OF BACHELOR OF MUSIC

Richard Warner Conrad
Helen (Ault) Schmid

Josephine Flora Sook
Mathilda Zgonyanin

THE DEGREE OF BACHELOR OF SCIENCE

Margaret (Redmond) Adams
Patricia Katherine Blackwood
Charles Dwight Boggs
Barbara Jane Bonham
John Paul Butz
Mary Louise Carlisle
Dawne Hope Catlos
Margaret Chuck
Catherine Dils Crooks
Morris Stanton Dixon, Jr.
Robert Rowe Harvey
Dale Canfield Haynes
Nancy (Beggs) Hollaway

Edward Arthur Johnson
Edward Hewitt Koster
Jane Ellen McCormick
William Marks Mac Ellven
Jean Adele McIntosh
Margaret Ann Morton
Alice Joan Orwig
Martha Jeanne Reiter
Marjorie Ann Stevens
Clifford Carroll Vatter, Jr.
Karl Paul Wildermuth
Robert Earl Williams
**Honors and Awards 1946-47**

**General Honors**

Leah Ashbrook  
Ruth Miesse  
Constance Palmer  
Roberta Westcott  
Virginia Wetmore  
Marcia Wood

**Election to Membership in Phi Beta Kappa**

**CLASS OF 1947**

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
<th>Name</th>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Ruth Miesse</td>
<td>Constance Palmer</td>
<td>John Saveson</td>
<td>*Martha Sturm</td>
<td>James Turner</td>
</tr>
<tr>
<td>Norman Abell</td>
<td>James Ashbrook</td>
<td>Suzanne Barth</td>
<td>Margaret Chuck</td>
<td>Richard Dean</td>
</tr>
<tr>
<td>*Leah Ashbrook</td>
<td>Jean Brokaw</td>
<td>*Marcia Voth</td>
<td>Roberta Westcott</td>
<td>Virginia Wetmore</td>
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<tr>
<td>Helen Carpenter</td>
<td>Richard Garmo</td>
<td>'Marcia Wood</td>
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<tr>
<td>'Helen Carpenter</td>
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</tr>
</tbody>
</table>

**CLASS OF 1948**

*Helen Carpenter

**Research Foundation Prize**
Norman Abell and Martha Sturm, **tied**

**John L. Gilpatrick Scholarship for Excellence in Mathematics**
Richard Dean

**Ebenzer Thresher Scholarship for Freshman Man with Highest Average**
William Henderson

**Research Scholarships**

Tadao Mukaihata, **Physics**  
Helen Carpenter, **Citizenship**  
Marcia Voth, **Psychology**  

**Samson Talbot Bible Reading Contest**

Ruth McCullough, **first**  
Louis Raymond, **second**

**Lewis Literary Prize Contest**
Glen Bammann and Howard Johnson, **tied for first**  
James Ashbrook, **second**  
John Schettler, **third**

**Ray Sanford Stout English Prizes for Prose Composition**

Robert Jain, **first**  
Howard Webb, **second**  
Charles Teetor, **honorable mention**

**Chi Omega Sociology Prize**
Dorothy Haldi

**Eliza Smart Shepardson Scholarship in Music**
Marjorie Beardslee

*Elected in the junior year.*
Gertrude Carhartt Brelsford Memorial Scholarship in Music
Antoinette Stornelli

Cora Whitcomb Shepardson Scholarship in Art
Gloria Snider

Daniel Shepardson Memorial Scholarship for Christian Service
Helen Carpenter

Presser Foundation Scholarship for Music
Carolyn Olney
Josephine Sook

Laura F. Plaits Scholarship for Service
Elsie Ann Barry

Ebaugh Award in Chemistry
William Loranger

Louis Kussmaul Friendship Award
Jack Geneer

Clara Hudson King Memorial Award in Art
Marylin Kissick

Freshman Chemistry Medal
William Henderson

Granville Centennial Scholarship for 1947-48
James Toy

**SUMMARY OF STUDENT ENROLLMENT**

1947-1948

<table>
<thead>
<tr>
<th></th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Post Graduate</td>
<td>1</td>
<td>1</td>
<td>2</td>
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<td>Seniors</td>
<td>123</td>
<td>125</td>
<td>248</td>
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<tr>
<td>Juniors</td>
<td>144</td>
<td>156</td>
<td>300</td>
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<tr>
<td>Sophomores</td>
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<td>153</td>
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<tr>
<td>Freshmen</td>
<td>257</td>
<td>253</td>
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<td>Total</td>
<td>782</td>
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<tr>
<td>Part-time (college rank)</td>
<td>3</td>
<td>0</td>
<td>3</td>
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<tr>
<td>Conservatory of Music</td>
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<tr>
<td>College rank</td>
<td>236</td>
<td>179</td>
<td>415</td>
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<tr>
<td>Non-college</td>
<td>2</td>
<td>8</td>
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<tr>
<td>Total</td>
<td>238</td>
<td>187</td>
<td>425</td>
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<tr>
<td>Grand Total, All Students</td>
<td>1,023</td>
<td>744</td>
<td>1,767</td>
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<tr>
<td>Grand Total exclusive of repetition</td>
<td>787</td>
<td>565</td>
<td>1,352</td>
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<tr>
<td>Veterans</td>
<td>496</td>
<td>2</td>
<td>498</td>
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</tbody>
</table>
STUDENT ENROLLMENT—1947-48

(Ohio unless otherwise indicated)

*Registered in Conservatory of Music

Bears, Whitman, Fr. ...Greenwood, Mass.
Bellamy, William, Sr. ...Ironton
Bennett, James, Sr. ...Columbus
Bennett, Marie, Sr. ...Medina
Benson, Richard, So. ...Indianapolis, Ind.
Benjamin, William, So. ...Chicago, Ill.
Bergin, Frank, So. ...Euclid
Bernier, Joan, Sr. ...Dayton
Bertsek, Jack, Jr. ...Newark
Bethke, Sally, Fr. ...Wooster
Beitz, Harlan, Sr. ...Toledo
Bfueff, Harriet, Fr. ...New York, N. Y.
Bittinger, Doris, So. ...Lakewood
Bjelke, Alfred, Sr. ...Granville
Blake, Fred, So. ...Cincinnati
Blackadar, Margaret, So. ...Watchung, N. J.

Bleek, J. E. ...Minneapolis, Minn.
Blake, Earl, Fr. ...Logan
Blashill, John, Jr. ...Pompton, Calif.
Bles, Robert, Sr. ...Granville
Bleitz, Joan, Jr. ...Detroit, Mich.
Blessed, Charles, Jr. ...Grosse Pointe, Mich.
Blinn, Shirley, So. ...Toledo
Blomfield, Richard, Fr. ...New Rochelle, N. Y.
Blunden, Jack, Fr. ...Detroih, Mich.
Blunk, Barbara, So. ...Cumberland, Md.
Boggis, Margaret, Sr. ...Shaker Heights
Boggs, Edward, Fr. ...Zanesville
Boggs, Elizabeth, So. ...Zanesville
Boice, Glen, Fr. ...Granville
Borgmanna, Florence, Fr. ...St. Louis, Mo.
Boley, Robert, Fr. ...Oakland, Md.
Bourdeau, Harry, Fr. ...AshTabula
Bowlus, Donald, Jr. ...Granville
Bowyer, Herschel, Fr. ...Cincinnati
Boyer, Ann, So. ...Coseehoton
Boyles, Calvin, Sr. ...Pittsburgh, Pa.
Bradley, Merila, Jr. ...Berrien Springs, Mich.
Bradley, Richard, Fr. ...Bllsfeld, Mich.
Bradley, Robert, Jr. ...Bllsfelil, Mich.
Brahman, Janet, So. ...Dayton
Brandfass, Carl, Jr. ...Granville
Branman, Alice, Jr. ...Hudson
Brandt, Wilbur, So. ...West Newton, Pa.

Bray, Betty, Sr. ...Skegee, III.
Bray, Elva, Fr. ...Shelton, Conn.
Bredt, Jack, Jr. ...Rocky River
Breanam, James, Sr. ...Newark
Breit, Hilda, Sr. ...Orville

Brickell, Beverly, So. ...Chicago, Ill.
Bridge, Robert, So. ...Granville
Brier, Elwood, Jr. ...Berwick, III.
Briggs, Loren, So. ...Granville
Briig, Joseph, Jr. ...Columbus
Bridg, Paul, Fr. ...Columbus
Brokaw, Virginia, Jr. ...Interlaken, N. Y.
Brookbank, Thomas, Sr. ...Granville
Brooks, Jean, Jr. ...Parkerburg, W. Va.
Brooks, Linda, Fr. ...Fortosia
Brooks, Marcia, Jr. ...Dayton
Brown, Barbara A., Jr. ...Detroit, Mich.

Ackley, Norma, Sr. ...Massillon
Adams, Clifford, Jr. ...Marion
Allers, John, Jr. ...Dayton
Algier, Patricia, Jr. ...Jackson Hts., N. Y.
Aloha, Joyce, Fr. ...Harrison Park, N. J.
Aller, Charlotte, Fr. ...Arlington, Mass.
Alford, John, Jr. ...Indianapolis, Ind.
Allen, Edward, Sr. ...Newark
Allen, Elizabeth, Fr. ...Sioux Falls, S. D.
Allen, Richard, So. ...Melrose, Mass.
Allen, Leola, Jr. ...Lake Park, Pa.
Ambus, Joe, Fr. ...Sandusky
Anner, Lucy, Fr. ...Kent
Andrew, John, Jr. ...Shaker, Granville
Anderson, Susan, Sr. ...Chicago, Ill.
Andrews, Phillip, So. ...Dayton
Auer, Karen, Jr. ...Cincinnati
Augus, John, So. ...Cincinnati
Ault, Phyllis, Fr. ...Westfield, N. J.
Aufe, Jean, Jr. ...Palo Alto, Pa.
Apter, Thomas, Fr. ...Cambridge
Arents, Rosemary, Sr. ...Glenihaw, Pa.
Armstrong, Charles, So. ...Newark
Arnold, Robert E., Sr. ...Copley
Arnold, Robert Kendall, So. ...Granville
Arnold, Sue, So. ...Parkersburg, W. Va.
Arnold, William, Fr. ...Bradford
Asbrook, Charles, Fr. ...Crystal Lake, Ill.
Ashbury, Robert, Jr. ...Detroit, Mich.
Atwell, Don, Jr. ...Sewickley, Pa.
Babbage, Jevel, Fr. ...Columbus Grove
Baer, Harold, Fr. ...Cranston, R. I.
Bagnall, Carolyn, Sr. ...Palois Park, Ill.
Bailey, Carol, Fr. ...Columbus
Bailey, Janet, Sr. ...Columbus
Bailey, Marjory, Jr. ...Urbana, Ill.
Baker, Donna Sue, So. ...Columbus
Baker, Lucy, Jr. ...Toledo
Baker, Vireen, Sr. ...Jewett
Baker, Walter, Fr. ...Bridgeville, Pa.
Baldwin, Barbara, Fr. ...Buffalo, N. Y.
Baldwin, Jane, Jr. ...Grosse Pointe, Mich.
Baldwin, Nancy, Fr. ...Buffalo, N. Y.
Ball, Nancy, Jr. ...Birmingham, Mich.
Bammann, Glen, Jr. ...Milwaukee, Wis.
Banks, Gorden, Sr. ...Elgin, Ill.
Bentley, Milton, Jr. ...Detroit, Mich.
Berg, Melvin, Jr. ...East Palestine
Bard, Audrey, So. ...Eggertsville, N. Y.
Barde, Janice, Sr. ...Penn Yan, N. Y.
Barnes, Melvin, Sr. ...Norwalk
Barnes, Robert, So. ...Toledo
Barnes, William, Fr. ...Lancaster
Bartholomew, Jan, Jr. ...Pittsburgh, Pa.
Baron, Barbara, Fr. ...Bethlehem, Pa.
Bascien, John, So. ...Wheaton, Ill.
Barrett, Donald, Jr. ...River Forest, Ill.
Batek, Richard, So. ...Zanesville
Battefors, Barbara, Sr. ...Lakeview
Bauer, John, Jr. ...Oakville, Conn.
Bauknecht, Nancy, Jr. ...East Palestine
Baumhauer, Betty, Jr. ...Mt. Vernon, N. Y.
Baxter, Kenneth, Jr. ...New Rochelle, N. Y.
Beech, Bettie, Fr. ...Columbus
Bass, Marjorie, Sr. ...Kenmore, N. Y.
Beets, Whitman, Fr. ...Greenwood, Mass.
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Briig, Joseph, Jr. ...Columbus
Bridg, Paul, Fr. ...Columbus
Brokaw, Virginia, Jr. ...Interlaken, N. Y.
Brookbank, Thomas, Sr. ...Granville
Brooks, Jean, Jr. ...Parkerburg, W. Va.
Brooks, Linda, Fr. ...Fortosia
Brooks, Marcia, Jr. ...Dayton
Brown, Barbara A., Jr. ...Detroit, Mich.
Brown, Barbara B., Sr. -------------- Toledo
Brown, Fred, Jr. -------------- Granville
Brown, Janet, S. ------------- Fostoria
Brown, Leland, S. -------------- Lexington, Ky.
Brown, Ralph, S. M. -------------- Wheaton, Ill.
Brown, Sara, S. M. -------------- Oak Park, Ill.
Brown, Susan, S. M. -------------- Toledo
Brown, Van Renzel, S. M. ------ Granville
Brownie, Stuart, S. M. ------ Marion
Bruggeman, George, S. M. ------ Fostoria
Buechman, Richard, J. --------- Mansfield

Buchanan, Sandra, S. ------------------ Western Springs, Ill.

Budd, George, S. M. -------------- Newark
Buder, Joseph, S. M. -------------- Sandusky
Buchner, Louis, S. M. -------------- New York
Burk, Ruth, S. M. -------------- Strongsville
Burns, Wanda, S. M. -------------- Cleveland
Burns, Paul, S. M. -------------- Medis, Pa.
Burns, Lewis, S. M. -------------- Mansfield
Burris, Robert, S. M. -------------- Granville
Butler, S. M. -------------- Granville
Butler, S. M. -------------- Granville
Byers, Everett, S. M. -------------- Youngstown
Byers, Nancy, J. ----------- Madison, N. J.
Carrigan, Kenneth, S. M. ------ Granville
Clark, Barbara, S. M. ---------- Washington, Mich.
Caldwell, Charles, S. M. ------- Canton
Caldwell, William, S. M. ------ Granville
Campbell, Betty, S. M. -------- Lima
Campbell, Dixie, S. M. -------- Cincinnati
Campbell, Marion, S. M. ------- Canton
Campbell, Phyllis, S. M. ------- Albany, N. Y.
Campbell, Suzanne, S. M. ------ Akron
Cary, Richard, S. M. ------------- Yost Farms, N. Y.
Carkel, Carolyn, S. M. ------------- Columbus, Ky.
Carpenter, Helen, S. M. ------- Findlay
Carson, S. M. ------------- Wooster, Ohio
Carroll, S. M. ------------- Johnstown, Pa.
Carrington, Robert, S. M. ------- Mansfield
Carstensen, Jane, S. M. ------- Detroit, Mich.
Cartwright, S. M. ------------- Youngstown, Ohio
Carto, W. M. ------------- Columbus, Ohio
Case, Evelyn, S. M. ------------- Lakeview, Ohio
Cash, Eliza, S. M. -------------- Granville
Cash, Mary, S. M. -------------- Granville
Cash, Robert, S. M. ------------- Shaker Heights
Carley, Patrick, S. M. -------- Westerville, Ohio
Castleman, Eugene, S. M. ------ Granville
Chase, Helen, J. ---------------- Maplewood, N. J.
Chase, Richard, J. ---------------- La Grange, Ill.
Chau, Kai-Yin, S. M. -------------- Hong Kong, China
Cherry, James, J. ------------------ Toledo
Cheslock, Walter, S. M. ------- New Philadelphia
Christian, Barbara, J. ------------ Dayton
Christian, Carol, J. ---------------- Shaker Heights
Christopher, Donald, S. M. ------ McGeeq, Pa.

Choate, Gerald, S. M. -------------- Granville
Closed, Ray, S. M. -------------- Granville
Cober, Miriam, S. M. ------------- New Haven, Conn.
Cochran, James, S. M. ----------- Bellaire
Cochran, John, S. M. ----------- Trumpey
Coe, Norma, S. M. -------------- Cambridge
Coen, Alban, S. M. -------------- Rensselaer, Ind.
Collier, Margaret, J. M. ------ Terrace Park
Collier, Patricia, J. M. ------- Birmingham, Ala.
Collins, Helen, J. ------------------ Joliet, Ill.
Cone, Robert, S. M. -------------------- Hudson
Connor, William, J. M. ------------- Billings, Mont.
Conrad, Florence, S. M. -------- Louisville, Ky.
Converse, Philip, J. M. ------- Concord, N. H.
Cook, James, S. M. ------------- Lansing
Cooper, Dorothy, S. M. -------- Columbus
Cooper, George, S. M. ------------- East Cleveland
Cooper, Jane, S. M. -------------- Warren
Cooper, Tom, S. M. -------------- New Hope
Coulter, Joseph, S. M. -------- Glencoe, Ill.
Cover, Franklin, S. M. -------- Cleveland
Cowen, John, S. M. ------------- Columbus
Cowan, Jerry, J. M. ------------- Columbus
Cox, Edward, S. M. -------------- Granville
Cox, William, S. M. ------------- Dayton
Craig, Alice, S. M. ------------- New York, N. Y.
Craig, William, S. M. ------------- Dayton
Craig, Margie, S. M. ------------- Cleveland
Crocker, Laurence, S. M. ------ Granville
Cromley, Marilyn, S. M. --- Cleveland Heights
Crow, John, S. M. ------------- Granville
Curtis, Hal, S. M. ------------- Zanesville
Daggett, James, S. M. ---------- Columbus
Dagnanard, John, S. M. ------- Columbus
Davis, Jack, S. M. ------------- Mansfield
Dawson, Charles, S. M. -------- Columbus
Dawson, John, S. M. ------------- Columbus
Dawson, Susan, S. M. -------------- Canton
DeCordova, Charles, S. M. ------- Greenwich, Conn.
Dee, Robert, J. M. -------------------- Columbus
Deese, John, J. M. ------------------ Columbus
DeForest, Charles, J. M. -------- Columbus
DeForest, William, J. M. ------- Columbus
DeForest, William, J. M. ------- Columbus
DeForest, William, J. M. ------- Columbus
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DeForest, William, J. M. ------- Columbus
DeForest, William, J. M. ------- Columbus
<table>
<thead>
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<th>Name</th>
<th>City, State</th>
<th>Name</th>
<th>City, State</th>
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<tr>
<td>Hassett, John, Sr.</td>
<td>Albany, N. Y.</td>
<td>Hassett, Margaret, Sr.</td>
<td>Albany, N. Y.</td>
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<tr>
<td>Hawes, Laura, Jr.</td>
<td>Watervliet, Mich.</td>
<td>Haynes, Jo Ann, Jr.</td>
<td>Columbus, N. Y.</td>
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<td>Heidgen, Charlotte, Jr.</td>
<td>Winnetka, Ill.</td>
<td>Heidger, John, Jr.</td>
<td>Dayton, Ohio</td>
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<td>Heiser, David, Jr.</td>
<td>Lakewood, Ill.</td>
<td>Heiser, Charles, Jr.</td>
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<td>Henderson, Jacqueline, Sr.</td>
<td>Columbus, Oh.</td>
<td>Henderson, William, Jr.</td>
<td>Culver, Ind.</td>
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<td>Herron, Betty, Jr.</td>
<td>Chicago, Ill.</td>
<td>Henneberger, Nancy, Jr.</td>
<td>Caldwell, N. Y.</td>
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<td>Herbert, George, Jr.</td>
<td>Dayton, Ohio</td>
<td>Herr, Carolyn, Jr.</td>
<td>New London, N. Y.</td>
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<td>Hiles, Elso, Jr.</td>
<td>Mount Carmel, Ill.</td>
<td>Hild, Margarett, Jr.</td>
<td>Shelby, N. Y.</td>
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<td>Hilthau, Robert, Jr.</td>
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<td>Homer, William, Jr.</td>
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<td>Holcomb, Eugene, Jr.</td>
<td>Minneapolis, Minn.</td>
<td>Hotzel, Margaret, Jr.</td>
<td>Troy, N. Y.</td>
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<td>Horder, Martha, Jr.</td>
<td>Mansfield, Ohio</td>
<td>Hooker, Kent, Jr.</td>
<td>Euelid, Ohio</td>
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<td>Home, William, Jr.</td>
<td>Toledo, Ohio</td>
<td>Hooper, Raymond, Jr.</td>
<td>Granville, Ill.</td>
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<td>Horne, William, Jr.</td>
<td>Amherst, Ohio</td>
<td>Root, Robert, Jr.</td>
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<td>Horton, John, Jr.</td>
<td>Mansfield, Ohio</td>
<td>Houtz, Mark, Jr.</td>
<td>Tiffin, Ohio</td>
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<td>Hudson, John, Jr.</td>
<td>Dover, Del.</td>
<td>Huber, Robert, Jr.</td>
<td>Mansfield, Ohio</td>
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<td>Hudson, Pamela, Jr.</td>
<td>South Bend, Ind.</td>
<td>Hudson, Frank, Jr.</td>
<td>Anamosa, Iowa</td>
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<td>Huth, Richard, Jr.</td>
<td>Mansfield, Ohio</td>
<td>Huddles, Frank, Jr.</td>
<td>Anamosa, Iowa</td>
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<td>Huf, Nancy, Jr.</td>
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<td>Mansfield, Ohio</td>
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<td>Hucul, Robert, Jr.</td>
<td>Mansfield, Ohio</td>
<td>Huber, Robert, Jr.</td>
<td>Mansfield, Ohio</td>
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Jensen, Louie, Sr. Los Angeles, Calii.
Jackson, Shirley, Jr. Urbandale, N. Y.
Jingla, Verlyn, Fr. Granville, Ohio.
Jonw, Carol, Fr. Middletown, N. J.
Jonison, George, Jr. Jamestown, N. Y.
Jonov, David, Fr. Youngwood, N. J.
Hunt, Jan Ann, Fr. Toledo, Ohio.
Hum, Horace, Jr. Oxnard, Calif.
Johnson, Jack, So. Cleveland Heights, Ohio.
Johnson, Howard, Sr. Columbus, Ohio.
Johnson, Jack, So. Cleveland Heights, Ohio.
Johnson, Jo Ann, Sr. Chicago, Ill.
Johnson, Lowell, So. Granville, Ohio.
Johnson, Ruth, Sr. Newark, Ohio.
Johnson, Shirley, Sr. Oak Park, Ill.
Johnson, Ted, Fr. Elgin, Ill.
Johnston, Robert, Fr. Newark, Ohio.
Jones, Effie, Fr. Milliken, Colo.
Jones, Lawrence, Fr. Chester, N. J.
Jones, Martha, Jr. Parkersburg, W. Va.
Jones, Molly, So. Newark, Ohio.
Jones, Oswald, Sr. Granville, Ohio.
Josty, Robert, Fr. Hudson, Ohio.
Judy, David, Fr. Zanesville, Ohio.
Kaler, Mary, Sr. Mount Vernon, Ohio.
Kampmeyer, Lois, Fr. Lakewood, Ohio.
Karl, Russell, Jr. East Raineo, Cleveland.
Kavan, Helen, Jr. Garfield Heights, Ohio.
Keeney, Joseph, Fr. Mt. Lebanon, Pa.
Keeney, Robert, Fr. Mt. Lebanon, Pa.
Keefer, Jane, Fr. Chicago, Ill.
Keefer, Patricia, Jr. Salem, Oregon.
Keiz, Richard, Fr. Columbus, Ohio.
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Kennedy, James, So. Newark, Ohio.
Landenberg, Esther, Jr. Troy, N.Y.
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Lindsay, Joe, Fr. Moline, Ill.
Lindsay, Jane, Jr. Cleveland Heights, Ohio
Lindsey, Lois, Fr. Highland, Park, Ill.
Laster, Robert, Fr. Shaker Heights, Ohio
Little, Ross, Fr. Zanesville, Ohio
Lockhart, Robert, Jr. Montpelier, Ohio
Logue, Janet, Sr. Robinson, Ill.
Logan, Ellen, Jr. Urbana, Ohio
Long, Robert, Fr. Marietta, Ohio
Lorimer, Robert, Jr. Holland, Ohio
Low, Beverly, Jr. Sandusky, Mich.
Lo, David, Jr. Findlay, Ohio
Lucas, Marilyn, Jr. Toledo, Ohio
Lugg, Allan, Jr. Knoxville, Pa.
Lumia, Mary Ann, So. Columbus, Ohio
Lundquist, Charles, Fr. Jamestown, N.Y.
Lux, Diane, So. Marion, Ill.
Lyde, John, So. Frederickburg, Md.
McAllister, Hoyt, Sr. Cleveland Heights, Ohio
McAninch, Edward, Jr. Pittsburgh, Pa.
McBride, Margaret, Jr. Western Springs, Ill.
McEveen, John, Jr. Logan, Ohio
McCarthy, Betty Lou, Jr. South Bend, Ind.
McClaskey, Louis, Sr. Cincinnati
McClave, Elmer, So. Uhrichsville, Ohio
McClure, George, Jr. McConnally Springs, Md.
McClure, Robert, Jr. Chicago, Ill.
McConnaughey, David, Jr. Columbus, Ohio
McConnaughey, George, Jr. Columbus, Ohio
McConnaughey, John, Sr. Mount Lebanon, Pa.
McCorkhill, Scott, Jr. Salem, N.H.
McCormick, Ann, Jr. Lakewood, Ohio
McCready, Charles, Jr. Columbus, Ohio
McCulloch, Bruce, Jr. Evanston, Ill.
McCure, Charles, Sr. Dayton, Ohio
McCuskey, Marilyn, So. Canton, Ohio
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McDermott, Edwin, Fr. Richland Center, Wis.
McDonald, Janet, Jr. Shaker Heights, Ohio
MacDonald, Helen, Fr. Norwalk, Ohio
MacDonald, Malcolm, Fr. South Bend, Ind.
McDonough, Janet, Jr. Mayville, Wis.
McDowell, Jean, Jr. Whinnetta, Ill.
McGav, Kenneth, So. Cleveland, Ohio
McGuinness, Daniel, So. Cleveland Heights, Ohio
McGuinness, Kathleen, Sr. Kingston, N.Y.
McGloose, Joseph, Sr. Canton, Ohio
McKeever, Robert, Jr. Granville, Ohio
McGuire, William, Fr. Granville, Ohio
McIntosh, Mary Ellen, Sr. Ford City, Pa.
Pettichard, Edward, Jr.        Columbus
Pettichard, Eugene, Fr.        
Probst, Georgann, So.        Marion
Pystole, Jane, So.            Cleveland
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Radebaugh, John, Jr.          Lancaster
Raleigh, Robert, Jr.          Granville
Ramsey, Marilyn, Sr.          Pittsburgh, Pa.
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Ranam, Richard, Fr.           Louisville, Ky.
Rapp, Richard, So.            Raymondville, Texas
Raquet, Donald, Fr.           Independence
Reifenrout, Frank, Fr.         Rochester, N. Y.
Rauh, John, Jr.               Granville
Rave, Susan, So.              Hartford, Conn.
Ras, Janet, Sr.               Fort Wayne, Ind.
Reading, Thelma, Fr.          Novato, Calif.
Reardon, Billy, Jr.           Columbus
Reeck, Phyllis, Jr.           Hamilton, N. Y.
Reed, James, Sr.              Memphis
Rees, Thomas, Fr.             Mansfield, Wis.
*Reese, Janet, Fr.            Shaker Heights
Reese, Nancy, So.             Dayton
Rehnquist, Jean, Jr.          Milwaukee, Wis.
Reid, Richard, So.            Milwaukee, Wis.
Retts, Janet, So.             Chicago, Ill.
Rettt, Nancy, Fr.             Toledo
Rheinder, Fr.                 Fort Wayne, Ind.
Hemde, Kendall, Jr.           Seattle, Wash.
Riedes Daniel, Fr.            New York
Rhodes, Sylvia, So.           Pelham Manor, N. Y.
Rice, Fred, Fr.               Danville
Rice, Robert, Sr.             Mansfield
Rich, Marybeth, Sr.           Dayton
Richard, James, Fr.           Berean, Ill.
Richard, Marjore, Sr.         Granville
Richardson, Cynthia, Sr.      Glouster
Richardson, Millicent, Fr.    Millville, N. J.
Richmond, Norma, Fr.          Shelby
Rickey, Phyllis, Jr.          Rocky River
Rickham, Carolyn, So.         Granville
Rikman, Vivier, So.           Granville
Ritchie, Sidney, So.          New York, N. Y.
Ritter, Charles, Jr.          Vermilion
Boch, William, Fr.            North College Hill
Roberts, Frank, Sr.           Hamilton, N. Y.
Roberts, Jo Ann, Jr.          Montgomery, Ala.
Roberts, Richard, So.         Huron
Robinson, Albert, So.         Richland, Wash.
Robinson, Keith, Sr.          Dayton
Robinson, Paul, Sr.           Granville
Robinson, Sam, So.            Belleville
Robinson, Warren, Fr.         Granville
Roderick, Betty, So.          Akron
Roe, Austa, So.               Cleveland Hts.
Roe, William, Fr.             Cleveland Hts.
Roedel, Florence              Grinder Point Park, Mich.
Rogers, Cynthia, Jr.         Elizabethtown, N. Y.
Rolt-Wheeler, Ruth Anne, Sr.  Granville
Rother, Ann, Jr.              Perryburg
Ruman, Sally, So.             Basking Ridge, N. J.
Rune, Yolanda, Jr.            Rochester, N. Y.
Rupe, William, Fr.            Pittsburgh, Pa.
Ruter, Joyce, Fr.             Toledo
Rusell, Anne, Jr.             Newark
Russell, John, So.            Bay Village
Ruth, Taylor, So.             Wauwatosa, Wis.
Roudebush, George, Jr.        Shaker Heights
Roudebush, Jane, Jr.          Shaker Heights
Rourke, Kathryn, Jr.          Hamilton, N. Y.
Roth, John, Sr.               Youngstown
Rupf, Edward, Jr.             Granville
Ryan, Nicholas, So.           New Prague, Minn.
Reder, William, So.           Granville
Saether, John, Jr.            Granville
*Salt, Sue, So.               Beaver Falls, Pa.
Sahm, Charles, Sr.            Columbus
Salt, David, So.              Columbus
Sanders, Mary, So.            Rochester, N. Y.
Sarber, Scott, Fr.            Columbus Grove
Sargent, Elaine, Fr.          Minneapolis, Minn.
Sarver, Janet, Jr.            Westfield, Mass.
Savoy, Richard, So.           Shelby
Sawyer, Nancy, So.            Lincoln, Neb.
Sayler, Richard, Sr.          Nashville
Sayler, Ray, Fr.              Westfield, Mass.
*Schelling, Janet, Sr.        Dayton
Schoenberger, Barbara, Jr.    Van Wert
Schoenberger, Maiorie, Jr.    Oak Park, Ill.
Schoe, Paul, So.              Cincinnati
Schonette, Barbara, Fr.       Farland
Schumkopf, Raymond, Fr.       Grove Pointe, Mich.
Schultz, Barbara, So.         Toledo
Schwab, Jerry, So.            New Philadelphia
Schweitzer, Frances, Sr.       Newark
Sedgwick, Greshen, Sr.        Olmsted Falls
Scott, Irvin, Jr.             Newark
Scott, Jane Eyre, So.         Ashland, Ky.
Scott, Jane Wilson, Jr.       Akron
Scott, Mary Ann, Fr.          Berea
Scott, Mary Southwick, Jr.    Marysville
Scovel, Maiorie, Jr.          Oak Park, Ill.
Seelos, Wladimir, So.          Redlands, Calif.
Seall, Robert, Jr.            Granville
Sebele, Carl, Jr.             Norwalk
Sebitz, Susan, So.            Norwalk
Seller, Suzanne, Fr.          Miami, Fla.
Sells, Glenn, Fr.             Rochester, N. Y.
Sewell, Miriam, Sr.           Schenectady, N. Y.
Shannon, Robert, So.          Newark
Shanor, Mary, Sr.             Erie, Pa.
*Shar, Margarette, Sr.        Shaker Heights
Sharp, Olival, So.             Haddonfield, N. J.
Sharp, Patty, Fr.             Columbus
Sharpe, Mary, So.             New York
Sharpe, Merion, Jr.           Columbia
Show, David, So.              Wellesley, Mass.
Show, Howard, Sr.             Chesterton
Show, James, So.              Redlands, Calif.
*Sheffield, Betty (Burgett), Sr.       
Sheffield, Jeanne, Fr.       Chicago, Ill.
Shippee, Carl, Jr.            Dayton
Shell, Pauline, Jr.           Evanston, Ill.
Shellenberger, George, Fr.    Granville
Shelton, Charles, Fr.         Waterman
Sherman, Richard, Fr.         Belmar, N. J.
Shields, Marilyn, Fr. — Cleveland Heights
Shipley, Bruce, Fr. — Harbor Beach, Mich.
Shirk, William, So. — Bellefontaine
Shorney, Martha, Fr. — River Forest, Ill.
Short, Barbara, Jr. — Youngstown
Showman, Robert, So. — Granville
Shults, Reed, Fr. — Farmington, Conn.
Shutt, Jack, Jr. — Columbus
Sickling, Jack, Jr. — Cleveland Heights
Siebert, Donald, Fr. — Westchester, Ill.
Silver, Arthur, Jr. — Arlington Heights, Ill.
Silliman, Russell, Jr. — Warren
Sinclair, Virginia, Jr. — Cleveland Heights
Siverson, Bruce, So. — Orange, N. J.
Six, Robert, Jr. — Baneus Aires, Arg.
Slater, John, Fr. — Newark
Slater, William, Jr. — Newark
Slaydon, Roger, Sr. — McDevitt
Smull, Mary Lucinda, So. — Winnetka, Ill.
Smith, Dale, Jr. — Boardman
Smith, Daniel, So. — Salem
Smith, Grace, So. — Scarsdale, N. Y.
Smith, Harriet, Ann, Sr. — Ardmore, Pa.
Smith, James, Jr. — Maumee
Smith, Kenneth Barton, Jr. — Newark
Smith, Kenneth Estland, Jr. — Denver, Colo.
Smith, Lather, So. — Ardmor, Pa.
Smith, Marilyn, Jr. — Cleveland
Smith, Ralph, Jr. — Rochester, N. Y.
Smith, Robert, So. — Granville
Snider, John, Jr. — Austin, Texas
Snow, Richard, So. — Columbus
Snyder, Carl, So. — Orrville
Snyder, John, Fr. — Newark
Snodgrass, Myrtle, Fr. — Granville
Spalding, John, Jr. — Newark
Sparks, Betsy, Jr. — Columbus
Spencer, Claire, Jr. — Hudson
Spencer, Ruth, Jr. — Columbus
Staats, Richard, So. — Chicago, Ill.
Starsa, Josephine, Jr. — Cincinnati
Starbuck, Margaret, So. — Berkeley, Calif.
Starr, Robert, Fr. — Cambridge
Starrett, John, Jr. — Newark
Steadman, Eliza, Jr. — Cincinnati
Stegene, Gene, Fr. — Grosse Pointe, Mich.
Stockel, James, So. — Reynoldsburg
Stephens, Jerry, So. — Youngstown
Stinson, Victor, Jr. — Kent, N. Y.
Stevens, George, So. — Columbus
Stewart, Nancy, So. — Yorktown
Stine, Robert, Fr. — Lakewood
Stinehaf, Nancy, Fr. — Washington, D. C.
Stitt, Richard, Fr. — Western Springs, III.
Stock, Robert, Fr. — Cuyahoga Falls
Stoel, Margaret, So. — St. Louis, Mo.
Stone, Barbara, Fr. — Parma
Stone, Harold, Fr. — Dennison
Storvelli, Antoinette, Fr. — Rochester, N. Y.
Storvelli, Leo, So. — Rochester, N. Y.
Sont, Virginia, Sr. — Toledo
Stovall, Gene, Jr. — Bronxville, N. Y.
Strelka, Nicholas, So. — Ramseser, Pa.
Smull, Evan, Jr. — Mich.
Strickland, George, Jr. — Dayton
Stuber, Roscoe, Jr. — Ridgewood, N. J.
Stockey, Arthur, Jr. — Alliance
Suarez, Miguel, Fr. — Mexico City, Mex.
Suiter, Edward, So. — Shelby
Sullivan, Frank, Sr. — Fall River, Mass.
Summerhays, Elizabth, Jr. — Warren
Susong, Dunbar, So. — Cincinnati
Sutherlin, James, Jr. — Bedford
Sutherland, David, So. — Detroit, Mich.
Sutton, Henry, Sr. — Baltimore, Md.
Sutton, John, Sr. — Dayton
Sweeney, Marjorie, Jr. — Evanston, Ill.
Sweiter, Elizabeth, Sr. — Shaker Heights
Tafe, Iris, Jr. — Cleveland
Tallant, Marjorie, So. — Des Moines, Ia.
Tait, Alice, Sr. — Newark
Tait, William, Jr. — Columbus
Taylor, John, Jr. — Dayton
Taylor, Robert, So. — Franklin
Taylor, John, Jr. — Bay Village
Taylor, John, Jr. — Watertown, N. Y.
Taylor, John, Jr. — Chardon
Taylor, Louis, Fr. — Granville
Taylor, Nancy, Fr. — New Philadelphia
Taylor, Margaret, Fr. — Lory
Taylor, Margaret, Jr. — Maineville
Taylor, Margaret, Jr. — Loveland, Ohio
Taylor, Margaret, Jr. — Parkerville
Taylor, Margaret, Jr. — South Charleston
Taylor, Margaret, Jr. — Uniontown
Taylor, Margaret, Jr. — Washington
Tender, Olga, Sr. — Lorain
Theine, Suzanne, Jr. — Fort Wayne, Ind.
Thomas, Shirley, Fr. — Owosso Falls
Thomas, Victor, So. — Granville
Thomas, Willard, Jr. — Columbus
Thompson, Harold, Fr. — Lansing, Mich.
Thompson, Robert, So. — Detroit, Mich.
Thomai, Robert, Jr. — Shelbyville, Ind.
Thorner, Helen, Fr. — Xenia
Thorne, Janie, So. — Dayton
Thurn, Walter, Fr. — Ann Arbor, Mich.
Tice, John, Sr. — Cincinnati
Tight, Dextor, Sr. — Redwood City, Calif.
Tilton, Eugene, Jr. — New Philadelphia
Tingey, John, Fr. — Westerville
Titus, Margaret, Fr. — Granville
Todd, George, Jr. — Grand
Toth, Thomas, So. — Bay Village
Townsend, George, Sr. — Solon
Townsend, Jack, Jr. — Watertown, N. Y.
Townsend, Norman, Jr. — East Cleveland
Toy, James, Fr. — Granville
Tracy, Emily, Fr. — Fairlourd
Travis, Charles, Fr. — Canton
Treground, Margaret (Mickle), Sr. — Granville
Tribe, Patricia, Sr. — Charlestown, W. Va.
Trowbridge, David, Fr. — Columbus
Trowbridge, Pfeiffer, Fr. — Marseilles, Ill.
Tucker, Patricia, Sr. — Evanston, Ill.
Tyler, Beverly, Fr. — Cleveland Heights
Ullman, William, So. — Granville
Ullsner, Howard, So. — Oak Park, Ill.
Upham, David, Sr. — Mount Vernon
Urfer, Samuel, So. — New Philadelphia
Utrecht, Alice, Jr. — South Charleston
Utter, William, Jr. — Granville
Utts, Richard, So. — Newark
Van Dyne, Charles, Fr. — Chicago, Ill.
Van Meter, Robert, So. — Columbus
Van Nest, Jean, Sr. ________________ West Orange, N. J.
*Van Rees, Neal, Fr. ________ Freeport, N. Y.
Vastyan, Elmer, Fr. ________ Fairport Harbor, O.
Veh, Robert, Fr. ____________ Gibsonburg, Ohio
*Vernon, Virginia, So. __________ Wilmette, Ill.
*Virta, Martha, Jr. ____________ Fort Wayne, Ind.
Voss, Edward, So. ____________ Toledo, Ohio
Wadsworth, Marjorie, Sr. ______ Mansfield, O.
Wagner, Shirley, Jr. ____________ Shaker Heights, Ohio
Wagoner, Ann, Sr. ____________ Bellaire, Ohio
Walker, David, So. ____________ Lebanon, Ohio
Wallace, Betty, Sr. ________ Evanston, Ill.
Walworth, Maurice, Sr. ________ Monmouth, Ill.
*Ward, John, Jr. ____________ Fairport, N. Y.
Ward, Philip, Sr. ________________ Granville, Ohio
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*Warren, Clarke, Jr. _______ Glen Ellyn, Ill.
*Washburn, Patricia, Jr. _______ Winneka, Ill.
Watkins, Don Charles, So. _______ Gravelv, Ohio
Watkins, Don Orna, Fr. ________ Wauseon, Ohio
Watkins, Frances, Sr. ________ Stanley, N. Y.
Watkins, John, So. ____________ Granville, Ohio
Watson, Marjorie, PG. ____________ Englewood, N. Y.
*Watson, Mary, Fr. ________ Flushing, N. Y.
Watters, Stuart, So. ________ Granville, Ohio
Watson, Charles, Sr. ____________ Detroit, Mich.
Webb, Elizabeth, Fr. ____________ Dayton, Ohio
Webb, George, Fr. ____________ Greensboro, N. C.
Webb, John, Fr. ____________ Lockout Mountain, Tenn.
Weber, Ewald, So. ____________ Columbus, O.
Weber, Margaret, So. ________ Toledo, Ohio
*Weber, William, Jr. ____________ Cincinnati, Ohio
*Weish, Richard, Jr. ____________ Ravenna, Ohio
Wehr, William, So. ________ Barneville, Ohio
Wel, Eve, So. ____________ Shanghai, China
Weldenmier, William, So. ________ Granville, Ohio
Weinrich, Eugenia, Fr. ________ Logan, Ohio
Welch, Richard, Jr. ________ Riverside, Ill.
Welch, Vera, Sr. ____________ Youngstown, Ohio
*Wellman, Walt, So. ________ Jamestown, N. Y.
Wells, John, Sr. ____________ Leesburg, Va.
Weidacker, Richard, Sr. ________ Gravelv, Ohio
Wentz, Bernard, Sr. ____________ Rochester, N. Y.
Wertz, Herbert, So. ________ Granville, Ohio
Westcott, F., Jr. ____________ Toledo, Ohio
Westcott, Frances, Jr. ________ Toledo, Ohio
Webber, Louise, Jr. ________ Detroit, Mich.
*Webber, Frank, Jr. ____________ Evanston, Ill.
WhiUey, John, Jr. ____________ Berea, Ohio
Whelan, Mary, So. ________ Dayton, Ohio
Whitaker, David, So. ________ Warrensburg, N. J.
White, Emmett, Fr. ____________ Granville, Ohio
White, Richard, Fr. ________ Toledo, Ohio
White, Thomas, Sr. ________ Granville, Ohio
Whitney, Jean, Jr. ________ Short Hills, N. J.
Whitt, Chester, Sr. ________ Granville, Ohio
Wiekendol, Ann, Sr. ________ Bronsville, N. Y.
Wicks, Marilyn, Jr. _______ Shaker Heights, Ohio
*Widdowson, Joan, Fr. ________ Indiana, Pa.
*Wild, Donald, Fr. ________ Lowell, Mass.
*Williams, Marjorie, So. ________ Granville, Ohio
Williams, Robert, Fr. ________ Maplewood, N. J.
*Williams, Thomas, So. ________ Salem, Oregon
William, Warren, Jr. ________ Toledo, Ohio
William, Mary Joan, Sr. ________ Grosse Pointe, Mich.
Wills, Jean, Jr. ____________ Washington C. H.
Wills, Richard, Fr. ________ Washington C. H.
*Wills, Robert, So. ________ Wellston, Ohio
Wills, Betty Jane, Sr. ________ Cleveland, Ohio
Wilson, Gene, Sr. ________ Antrim, N. H.
Wilson, Helen, So. ________ Cincinnati, Ohio
Wilson, Robert, Fr. ________ Dayton, Ohio
Winnemenger, Lois, Sr. ________ Beaver, Pa.
Winslip, William, Fr. ________ Chagrin Falls, Ohio
*Winslow, Donald, So. ________ Waynesburg, Pa.
Wise, Sidney, So. ________ Waynesburg, Pa.
Wisley, Margaret, Jr. ________ Findlay, Ohio
Witt, Walter, Sr. ________ Geneva, Ohio
Wittich, Hugh, So. ________ Cleveland Heights, Ohio
*Wolfe, Armand, Fr. ________ Gadenstetten, Germany
*Wolfe, Patricia, Fr. ________ Campbellburg, Ky.
Wolff, Armin, So. ________ Granville, Ohio
*Wolffkammer, Sally, Jr. ________ Berea, Ohio
Wonders, Jane, Fr. ________ Lakewood, Ohio
Wonnell, James, Jr. ________ Highland Park, Ill.
Wood, Mary, Jr. ________ Avon Lake, Ohio
Wood, Thomas, So. ________ Chicago, Ill.
Wooddell, Philip, So. ________ Mechanicsville, N. Y.
Woodman, Mary, Jr. ________ Maplewood, N. J.
Woodring, Donald, Sr. ________ Chicago, Ill.
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Woolard, Eugene, Jr. ________ Granville, Ohio
Worboys, Ronald, Fr. ________ Pittsford, N. Y.
Worthington, Robert, Fr. ________ Dayton, Ohio
Wrede, Janet, Sr. ________ Shaker Heights, Ohio
*Wright, Elizabeth, Fr. ________ Chicago, Ill.
Wright, Jean, Fr. ________ Ardmore, Pa.
*Wright, Robert, Fr. ________ Centerburg, Ohio
*Wright, Shepheard, So. ________ Demarest, N. J.
Wroclawski, Chester, Fr. ________ New York, N. Y.
Wyatt, Herbert, Jr. ________ Granville, Ohio
Wyler, Eugene, Jr. ________ West Lafayette, Ohio
*Wynn, Phillip, So. ________ Arlington, Mass.
Yarick, Patricla, Fr. ________ Poland, Ohio
Yoder, Marilyn, Fr. ________ Dayton, Ohio
Yost, William, Sr. ________ Newark, Ohio
*Young, Kenneth, Sr. ________ Woodstock, Ill.
Young, William, Fr. ________ Granville, Ohio
*Youngblood, Charles, Sr. ________ Niaogora Falls, N. Y.
Zeldler, Joan, Jr. ________ Arlington Heights, Ill.

PART-TIME STUDENTS 1947-1948

Doyle, Harold ________________ Newark
Roll, Richard ________________ Newark

Spike, Robert ________________ Granville

NON-COLLEGE STUDENTS IN CONSERVATORY

Barnhouse, Kay ____________ Granville
Brown, John ____________ Granville
Caudle, Helen ____________ Johnstown, Pa.
DeLand, Dolores ____________ Granville
Hall, Geraldine ____________ Granville

Hall, Nada ____________ Granville
Packer, Marjorie ____________ Granville
Proctor, Helen ____________ Granville
Ratliff, Byron ____________ Pataskala
Reeder, Ellen ____________ Granville
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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 and State

Applicant for Freshman Standing:
High School or Preparatory School
Name
City and State

Date of graduation from High School
Month and Year

Approximate Scholastic Rank
Highest Quarter
Second Quarter
Third Quarter
Lowest Quarter
(My own best estimate)

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 Director of Admissions, Denison University, Granville, Ohio.
APPLICANT FOR ADVANCED STANDING AS TRANSFER STUDENT

College Attended

Address

Number of Years Dates

Estimated Scholastic Average