CATALOG NUMBER
1946-47
ANNOUNCEMENTS
FOR 1947-48
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

1946

FIRST SEMESTER

Freshman Days, Thursday-Monday, September 5-9
Registration Day, Tuesday, September 10
Classes begin, Wednesday, September 11
Thanksgiving Vacation begins, Wednesday, November 27, noon
Thanksgiving Vacation ends, Monday, December 2
Pre-registration Day, Tuesday, December 10
Christmas Vacation begins, Friday, December 20, noon

1947

Christman Vacation ends, Monday, January 6
Comprehensive Examination Reading Period, Wednesday-Tuesday, January 8-14
Comprehensive Examinations for graduating seniors, Wednesday-Friday, January 16-17
Study Day (no classes or examinations), Saturday, January 18
Final Examinations, Monday-Saturday, January 25-29
First Semester ends, Saturday, January 30

SECOND SEMESTER

Registration Day, Wednesday, January 29
Classes begin, Thursday, January 30
Spring Vacation begins Friday, March 28 (Easter Sunday, April 6)
Spring Vacation ends, Tuesday, April 1
Comprehensive Examination Reading Period, Monday-Saturday, May 19-24
Comprehensive Examinations for graduating seniors, Monday-Wednesday, May 26-28
Memorial Day (no classes) Friday, May 30
Final Examinations, Saturday-Friday, May 31-June 6
Commencement, Monday, June 9
CALENDAR

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 26, noon
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, Wednesday-Tuesday, January 14-20
Comprehensive Examinations for graduating seniors, Wednesday-Friday, January 21-23
Study Day (no classes or examinations), Saturday, January 24
Final Examinations, Monday-Saturday, January 26-31
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, Monday-Saturday, May 17-22
Comprehensive Examination for graduating seniors, Monday-Wednesday, May 24-26
Study Day (no classes), Friday, May 28
Memorial Day, Sunday, May 30
Final Examinations, Saturday-Friday, May 29-June 4
Commencement, Monday, June 7

1947

JULY

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BOARD OF TRUSTEES

OFFICERS OF THE BOARD

G. HERBERT SHORNEY, B.S., Chairman
FRANKLIN G. SMITH, LL.D., Honorary Chairman
HOWARD LEWIS, A.B., LL.B., First Vice-Chairman
GEORGE M. ROUDBUSH, Ph.B., LL.B., Second Vice-Chairman
BURT T. HODGES, B.S., M.A., Secretary and Treasurer

MEMBERS

EX-OFFICIO

PRESIDENT KENNETH I. BROWN, A.B., A.M., Ph.D., LL.D.

CLASS I—TERM EXPIRES JUNE, 1947

JOHN W. BIRCKE, 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

*EUGENE EXMAN, Ph.B., A.M. (Elected by Alumni).
Harper and Brothers, Publishers, 49 East 33rd Street,
New York 16, New York

*W. FORREST LOVELESS, B.S. (Elected by Alumni).
1487 Guilford Road, Columbus 8, Ohio

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

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

*PERCY L. WILTFREE, A.B.
3547 Raymar Drive, Cincinnati 8, Ohio

CLASS II—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

*Alumnus of Denison University
BOARD OF TRUSTEES

*CLARENCE L. FOX, Ph.B.  
302 Stephenson Building, Detroit 2, Michigan

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 SEASHOES, 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.
126 Miraloma Drive, San Francisco, California

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

CLASS III—TERM EXPIRES JUNE, 1949

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

*M. FOREST ASHBROOK, Ph.B., B.D. (Elected by Alumni)
12 Roxbury Road, Scarsdale, New York

EARL J. BUSH
1143 Lathrop Avenue, River Forest, Illinois

TILESTON F. CHAMBERS, A.B., D.D.
Granville, Ohio

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

*HOWARD LEWIS, A.B., LL.B.
1633 Nicholas Building, Toledo 4, Ohio

*GEORGE C. MCCAUGHEY, Ph.B. (Elected by Alumni)
2179 Fairfax Road, Columbus, Ohio

FRANKLIN G. SMITH, LL.D.
5401 Hamilton Avenue, Cleveland 14, Ohio

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

*FORD R. WEBER, B.S.
237 Spitzer Building, Toledo 4, Ohio

*Alumni of Denison University
THE FACULTY

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

KENNETH IRVING BROWN, 1940—President

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 EBAUGH, 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 Willsee 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.

Lindley Richard dean, 1921—Eliam E. Barney Professor of Classical Languages
A.B., Dartmouth; Ph.D., Princeton.
THE FACULTY

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

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

E. BASIL HAWES, 1923—  Professor of Education
Ph.G., 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.

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.

ESTHER F. VREELAND, 1946—  Director of Family Life and Professor of Sociology
A.B., Alma; M.A., Michigan.

*Absent on sabbatical leave first semester, 1946-47.
†Absent on sabbatical leave second semester, 1946-47.
CONRAD E. RONNEBERG, 1946—Professor of Chemistry
B.A., Lawrence; M.S., Massachusetts Institute of Technology;
Ph.D., Chicago.

FRANCIS C. BAYLEY, 1946—Dean of Men
A.B., Dickinson; B.D., Drew Theological Seminary; Ph.D., Co-

lumbia.

‡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. RUFF, 1919—Associate Professor of Mathematics
Ph.B., Denison; M.S., Denison.

GEORGE D. MORGAN, 1922—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.

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

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

W. ALVIN PITCHER, 1944—Associate Professor
of Religion and Director of Christian Emphasis Program
B.S., Chicago; B.D., Chicago.

DANNIE LEE MAHODD, 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. HEPP, 1946—Associate Professor of Philosophy
A.B., Oberlin; M.A., Oberlin; Ph.D., Brown.

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

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

*Absent on leave, 1946-47.
THE FACULTY

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

WILLIAM N. FELT, 1927— Assistant Professor of Modern Languages
A.B., Clark; A.M., Middlebury.

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

ELIZABETH B. STANTON, 1944— Assistant Professor of English
A.B., Denison; A.M., Radcliffe; Ph.D., Ohio State.

PAUL D. WALDORF, 1945— Assistant Professor of Modern Languages
A.B., Baker; A.M., Kansas.

RICHARD V. MORRISSEY, 1946— Assistant Professor of Biological Sciences
B.S., Pittsburgh; M.S., Pittsburgh; Ph.D., Pittsburgh.

WALTER T. SECOR, 1940— Assistant Professor of Modern Languages
A.B., Grinnell; A.M., Columbia; Ph.D., Columbia.

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

WYNDHAM M. SOUTHCATE, 1946— Assistant Professor of 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., Michigan.

W. EDWARD DEEDS, 1946— Assistant Professor of Physics
B.A., Denison; M.S., California Institute of Technology.

*Absent on sabbatical leave first semester, 1946-47.
§First semester, 1946-47.
SAM GELPER, 1925—
SUE HAURY, 1928—
A.B., Denison.

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

RICHARD H. MARIS, 1941—
A.B., Michigan; M.A., Columbia.

MARGARET C. COLLISON, 1943—
A.B., Denison; M.A., Western Reserve.

ELIZABETH C. STRICKLAND, 1945—
A.B., New Mexico; M.A., Ohio State.

MORTON SCHONFELD, 1945—
Mus.B., Rollins; Mus.M., Wisconsin.

ROBERT H. IRRMAN, 1945—Instructor in History and Government
B.A., Beloit; M.A., Harvard; Ph.D., Indiana.

AMY C. TURNELL, 1945—
B.S., Illinois; A.M., Iowa.

WAYNE WOODROW HAYES, 1946— Instructor in Physical Education
A.B., Denison.

O. MCRELL ARNOLD, 1946—
A.B., Denison; M.A., Columbia.

ALICE S. GOTTWALD, 1946—
A.B., Michigan; M.A., Michigan.

RIX N. YARD, 1946—
B.S., Pennsylvania; M.S., Pennsylvania.

MARTHA METER, 1946—
B.A., Iowa State Teachers; M.A., Iowa.

PAUL F. SMITH, 1946—
A.B., Chicago; M.A., Northwestern.

JULIETTE SPENCER, 1946—
A.B., Denison.

MARGARET BAILEY, 1946—
B.A., Wellesley; M.A., Middlebury.

EDITH GREEN, 1946—
B.A., Hunter; M.A., Wisconsin.

ERNEST G. McCLAIN, 1946—

J. W. POLK, 1946—
B.A., Earlham; M.A., Columbia.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Position</th>
</tr>
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<tbody>
<tr>
<td>Robert E. Dixon, 1946</td>
<td>A.B., Oberlin; A.M., Oberlin.</td>
<td>Instructor in Psychology and Director of Vocational Guidance Services</td>
</tr>
<tr>
<td>Robert Boyer, 1946</td>
<td>B.A., Chicago.</td>
<td>Instructor in History and Sociology</td>
</tr>
<tr>
<td>Dorothy Carpenter, 1946</td>
<td>A.B., Ashland; M.A., Michigan.</td>
<td>Instructor in Mathematics</td>
</tr>
<tr>
<td>Nancy Eloise Lewis, 1946</td>
<td>A.B., Denison; M.A., Duke.</td>
<td>Instructor in English</td>
</tr>
<tr>
<td>Charles A. Hertel, 1946</td>
<td>B.J., Texas; M.A., Colorado.</td>
<td>Instructor in English</td>
</tr>
<tr>
<td>Frederic E. Reynard, 1946</td>
<td>B.A., William Jewell; B.D., Crozer.</td>
<td>Director of Deni-Service</td>
</tr>
<tr>
<td>Dorothy Lipp, 1946</td>
<td>B.S., Northwestern.</td>
<td>Instructor in Physical Education</td>
</tr>
</tbody>
</table>
ADMINISTRATIVE STAFF

KENNETH IRVING BROWN, A.B., A.M., Ph.D., LL.D.
LWIS W. WRIGHT, A.B.

WARREN S. SIVERTSEN, A.B.

YVONNE S. NYDAM

BURT T. HODGES, B.S., A.M.

GLENNA BASSOE, A.B.

CYRIL F. RICHARDS, B.S., B.D., A.M.

MARIAN MAHARD, B.S.

DOROTHY V. N. BROOKS, A.B., A.M., D.Ed.

DIANE BOWSMAN

KIYO HOSHIDE, B.S.

FRANCIS C. BAYLEY, A.B., B.D., Ph.D.

ELIZABETH B. HARM

ALFRED J. JOHNSON, A.B., M.B.A.

RHODA H. WILSON

DONALD R. FITCH, Ph.B., M.S.

NANCY M. BRICKELS, B.S.

MAXINE RICKUS

CHARLOTTE F. WEEKS, A.B., M.A.

PATRICIA R. ROUSEK

JUNE D. FERGUSON, B.A.

RUTH A. OUTLAND, A.B.

RUTH J. SCHWARTZ

ALLAN M. DEWEY, JR., A.B.

WILDA L. JONES

EURIE M. LOUGHIDGE, Ph.B.

LOIS M. POORMAN

C. LAURENCE GOODELL

FRANCES BUTCHER

RUTH ROLT-WHEELER, A.B.

ELLA R. WOOD

HELEN B. CHRYSLER

PHOEBE M. BRID

President

Secretary

Assistant to the President

Secretary

Treasurer

Secretary

Dean of the College

Secretary

Dean of Women

Secretary

Records Secretary

Secretary

Dean of Men

Secretary

Business Manager

Maintenance Secretary

Registrar

Assistant Registrar

Secretary

Director of Admissions

Secretary

Information and Mailing Clerk

Director of Publicity

Secretary

Acting Bursar

Secretary

Cashier

Clerk

Manager of the Book Exchange

Mimeographing Secretary

Director of Dormitory Maintenance

Dining-hall Director

Dining-hall Director

Conservatory of Music Secretary
ADMINISTRATIVE STAFF

LIBRARY STAFF
Florence L. King, A.B., B.S., M.S. .................................. Librarian
Ruth B. Grogan, A.B., B.S. ........................................ Assistant Librarian
Jane C. Secor, A.B., B.S. .......................................... Reference Librarian
Pauline Hoover, A.B., B.S. ........................................ Catalog Librarian
Dorothy M. Dickinson, B.S., B.L.S. .................. Assistant Cataloguer
Alice Brandt, A.B. .................................................. Circulation Assistant
Virginia Dayton, B.A. ............................................ Secretary
Sidney V. Hollingworth ........................................ Assistant
Betty Willett, Ph.B. ................................................ Assistant
Mary Lough Everhart ............................................ Assistant

HOSPITAL STAFF
Russel H. Williams, B.S., M.D. ................................. Physician
Ruth Hopkins, R.N. ................................................ Nurse
Mary L. Earlhart, R.N. ............................................ Staff Nurse
Hilda Kneller, R.N. ................................................ Staff Nurse

DORMITORY HEAD RESIDENTS
Mrs. Milfred O. Garner ........................................ Shaw Hall
Mrs. H. J. Howell ................................................ Sawyer Hall
Mrs. Betty Reck .................................................... King Hall
Mrs. H. S. Rhu ..................................................... Stone Hall
Mrs. William S. Thomson ................................ Beaver Hall
Mrs. Madeleine Rupp ............................................ Burton Hall
Mrs. O. M. Arnold ................................................ Monomoy Place
Mrs. Nina B. Shepard ........................................... Parsons Hall
Mrs. Nettie W. Pratt ............................................. Gilpatrick House
Mrs. Inez L. Overhuls ........................................ East Cottage
Mr. and Mrs. Frederic E. Reynard ....................... Curtis Hall
Mrs. W. H. Adams ............................................... Hostess, Student Union
THE SOCIETY OF THE ALUMNI

This organization, founded in 1846, is composed of the graduates and former students of Denison University. The Society maintains a central office, employs an executive secretary and one assistant, publishes the Denison Alumnus, makes initial personal contacts with 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:

MITCHELL O. GREGORY '29, Granville, Ohio.......... President
ELLWOOD J. BOYLES '34, Oak Park, Illinois........ Vice President
JOHN L. BJELKE '16, Granville, Ohio........ Executive Secretary
FRANCES LAMSON, Granville, Ohio............... Assistant Secretary

Margaret Heinrichs '18................................. Canton, Ohio
Mary Elizabeth Wood '38............................. Muncie, Indiana
Robert Weber '14...................................... Cincinnati, Ohio
Richard Allison '31.................................. Bexley, Ohio
Bernard Hundley '24................................ Detroit, Michigan
Emily Spencer Douglas '29........................... Newark, Ohio
Janet Shock Beardsley '40............................ Dayton, Ohio
John C. Weaver '30................................... Cleveland Heights, Ohio
Lloyd F. Martin '25.................................... Toledo, Ohio
Mary Lou Bradfield Brasscur '28...................... Cleveland, Ohio
Marsena Cox Miller '33................................. Granville, Ohio
Ruth Munn Avery '32................................ Granville, Ohio
Allan M. Dewey, Jr., '37............................ Granville, Ohio
Dr. David E. Reese '15............................... Dayton, Ohio
Dr. Russel H. Williams '15.......................... Granville, Ohio
Jean Lindstrom Osmond '36........................... Shaker Heights, Ohio
John W. Hundley '19................................ New York, New York
Stanley Drews '32.................................. Detroit, Michigan
Carl Thiele '16...................................... Dayton, Ohio

TRUSTEES OF THE UNIVERSITY ELECTED BY THE ALUMNI

W. Forrest Loveless, Columbus; Eugene L. Exman, Scarsdale, New York; Henry S. Stout, Dayton; Walter L. Flory, Cleveland; M. Forest Ashbrook, Scarsdale, New York; and George McConnaughey, Columbus.
GENERAL INFORMATION
HISTORY AND PURPOSE

Denison was founded in 1831 by Ohio Baptists, and through the one hundred and sixteen years of its life has been known as a Baptist college. From the beginning Denison was built on faith and loyalty and sacrifice. The founders were men of sturdy stock and strong convictions. The ambitious scholastic undertaking of 1831 was called the Granville Literary and Theological Institution. In 1854 this educational enterprise became Denison University. Like the founders, its present leaders seek to maintain a college of liberal arts and sciences of approved standing. 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, close to the geographical center of Ohio. The village among the Licking hills was founded in 1805 by colonists from Granville, Massachusetts. Situated in a picturesque setting in the western-most foothills of the Alleghenies, Granville has been an educational center for over a century. With its wide, elm-shaded streets the village still 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.

Granville and Denison are inseparable, both in their past history and in their present day association.

Conveniently located on the principal street of the village is the Broadway Office building, presented to Denison by Mr. and Mrs. Percy L. Witsee. 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**

Nature has given to Denison a beautiful campus. The University owns and utilizes 350 acres of land including many spots of unspoiled scenic charm. On a horse-shoe shaped ridge, overlooking the village are the principal buildings. 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 offices of the President, the Assistant to the President, the Deans, the Business Manager, the Registrar, the Director of Admissions, the Bursar, and the Director of Publicity.

Buildings devoted to science are Life Science, erected in 1941, the gift of Miss Ida Frances Doane; 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, and Chemistry Cottage.

Other academic buildings are Talbot Hall, so named in honor of Samson Talbot, fifth president of Denison, and Cleveland Hall, given by friends of the college residing in Cleveland.

The Conservatory of Music is housed in Thresher Hall. This building, on the site of the earliest Baptist Church in Granville, is named for a former professor. Adjoining Thresher Hall 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. Situated in a sequestered part of the campus, yet not far from other buildings, and thoroughly equipped for its purpose, this 38-bed hospital adequately serves the needs of the student body.

The College-Town House, as a meeting place for clubs and organizations of Granville and the college, was opened in the spring of 1946. It was the gift of William P. Huffman of Dayton, Denison alumnus of the Class of 1911. The house is adjacent to the Granville Inn and contains three college-operated apartments for married veterans.

**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, wrestling floor, and parallel bar equipment. 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 high school graduates entering Denison as freshman men. The building, a memorial to Lamson Stage Curtis of the Class of 1896 given by his mother, Annetta R. Jewell, has been enlarged by the completion of the east wing, a part of the original plan. The addition accommodates another hundred men and is to be ready for occupancy after January, 1947.

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 upperclass 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. Nearby Colwell Dining Hall, operated for this unit, was enlarged in 1946 to accommodate another hundred women.

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. A community service program, known as Deni-Service, is carried on wherein 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. Included in this group are Dr. Howard Thurman, Dr. Charles Lyon Seasholes, Dr. E. McNeill Poteat, Ruth Seabury, and Dr. Theodore F. Adams. 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. Among the visitors have been Mrs. Ruth Bryan Rohde, Dr. Francis Wei, John W. Bricker, Grove Patterson, Mrs. Frances Payne Bolton, Dr. T. Z. Koo, Grace Sloan Overton, Leroy A. Wilson, Dr. Roy Burkhart, and Charles Stilwell. 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 three foreign students are at Denison on this scholarship fund.

THE LIBRARY IN THE EDUCATIONAL PROGRAM

The Library is the workshop or the laboratory for the student of the humanities and the social studies. It is an extension of the laboratory for students of the natural sciences. Its resources in books, periodicals, pamphlets, government publications, and recordings are made available by their proper organization effected through the application of library science. These materials are made easily accessible by opening to the student both the reserved book section and the general book collection in the stacks.

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

That the library may be an educational instrument in the broadest sense, the student is encouraged to read beyond specific class assignments; the library's resources are interpreted and related to the student's reading interests as well as to his study interests. The Browsing Room stimulates reading along lines of the student's choice. A special collection of the titles representing the outstanding contributions of great minds to Western civilization is arranged chronologically by date. This is supplemented by current publications in the humanities. Prints, art objects, books on art, and books as graphic art treasures are on display.

THE CULTURAL LIFE

Many aspects of Denison's curriculum afford varied and valuable contributions to culture in the best sense of the word. In addition to these, others of a more voluntary and expressive nature are presented. In cooperation with the Granville Festival Association a series of concerts is supported, the students contributing through their activity fee paid at registration. Recent artists in this series have been Roland Hayes, Joseph Szigeti, Claudio Arrau, Anna Kaskas, William Kapell, Eugene Istomin, Maryla Jonas, and Dorothy Maynor.

Speakers on the college lecture series have recently included Major George Fielding Eliot, Ely Culbertson, Dr. Gordon Seagrave, Sherwood Eddy, and Henry Goddard Leach.

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 recitals, guest recitals, and student recitals are given during the college year. The Denison orchestra offers the opportunity of playing classical and modern compositions under faculty direction.
The men's and the women's glee clubs are important musical organizations. Each consists of forty-five voices selected on a comparative basis. An A Cappella Choir is organized to present special music at chapel services and other academic functions. The Denison band provides a conspicuous and useful part in the musical life of the campus.

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, which consists of a Cæpahart phonograph and hundreds of recordings. Of interest is a collection of primitive musical instruments from foreign countries, most of these unusual instruments 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 encourage constructive research in the arts and sciences. It was established in 1912 with a gift from an anonymous donor. The Foundation is sponsoring Research Scholarships, the amount to depend upon the need of the student, granted for the first time in the spring of 1936 to one Denison sophomore and two juniors who showed special ability in the field of research. Since June, 1946, the Foundation has sponsored 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 20.) 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 34.)

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

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

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

WOMEN'S DORMITORIES—Dormitories on the lower campus are designed for two occupants in each room. Most of the rooms in the uphill dormitories are arranged in suites for three or four women, although a few single rooms are available. The rooms are provided with study desks, lamps, chairs, dressers, and small rugs. Single beds, mattresses, and pillows are furnished, but all other bedding, linen, and curtains are to be supplied by the student.
Freshman women are assigned to rooms. All other students, 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**—Seven temporary FPHA buildings form the residential group for 26 married veterans near the uphill dormitories for women. Three other college-operated, furnished apartments are in the College-Town House in downtown Granville.

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 Men’s Council, 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 44.)

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 the intent of the Trustees to keep the total registration approximately one thousand students, it is necessary to restrict the size of the entering class, including transfer students.

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. In its selection the Committee singles out those who give the clearest evidence of possessing intellectual interest and ability, character, and other qualities of personality that are needed for citizenship in a college community. In judging the fitness of a candidate, the Committee places primary weight upon the student's total record and recommendations. Considered with this are the statements submitted by the candidate covering his extracurricular interests, his plans for college, and his health record. The privilege of membership in a student body thus selected carries with it the obligation of loyalty both to the letter and 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, Deane 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. Interviews with prospective students, although not required, are always desirable. 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 after September of the year prior to entrance. Applications from women should be received prior to March 1 for September 1947, and from men before May 15. 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 returnable.*

3. **A ROOM RESERVATION FEE OF $25.** *Unless dormitory accommodations are requested, this deposit is not required of men who enter as transfer students with sophomore, junior, or senior standing, or of veterans.* (See page 32.) After the application for admission has been accepted, the room reservation deposit becomes payable within two weeks of the date of such acceptance. Room reservation deposits are credited on the statements rendered to men the second semester of the freshman year and to women the second semester of the senior year unless such deposits shall have been refunded or forfeited previously. This deposit is refundable upon written request made to the Admissions Office until such date as may be listed on the sheet of instructions sent with the formal application blanks.

4. **A REGISTRATION FEE 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, and is credited on the statements rendered students the second semester of the senior year. This deposit is refundable upon written request to the Admissions Office, until such date as may be listed on the sheet of instructions sent with the formal application blanks.

5. **A CERTIFICATE OF GOOD HEALTH** and freedom from contagious and chronic diseases. These forms are sent to the student early in June and must be returned to the Admissions Office before July 15. 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. **AN OFFICIAL TRANSCRIPT** of the preparatory or high school credits 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 April 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 April 1. A recommendation from a Denison alumnus is desirable but not required.

ADMISSIONS REQUIREMENTS

Graduation in the upper half of the graduating class of an accredited high school or preparatory school and certification of at least fifteen acceptable units are normally required before an applicant may be considered for admission. A unit is defined as a year's course of study in a given subject, with four or five forty-minute periods of recitation each week. Two periods of laboratory work are counted as equivalent to one period of recitation. Students may be admitted with twelve units from a senior high school (grades X, XI, and XII) provided that the subjects taken in the senior high school, together with those from grade IX in junior high school, are satisfactory.

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. 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 a series of aptitude and achievement tests. These examinations may be offered at stated times at Denison University and applicants within a practical radius will be requested to take them under University auspices. Otherwise, the applicants should make arrangements with a high school teacher or other responsible person in his community, who will agree to administer the tests.

*Competition for admission to Denison is now so keen that the presentation of the above minimum requirements is not a guarantee

*Figures in parentheses indicate minimum number of units.
of admission to Denison, but merely an assurance that an application will be considered by the Admissions Committee.

EXCEPTIONAL STUDENTS

As a means of encouragement to the brilliant student, Denison will give consideration to the applications of a limited number of exceptionally well-qualified students prior to the completion of the requirements for graduation from high school. They must have completed at least the junior year in high school or preparatory school. Their records must indicate distinctly superior ability and give evidence of emotional and social maturity. In addition, they must take a series of aptitude and achievement tests in the fields of English, Mathematics, Natural Science, and Social Studies. Their scores must compare favorably with scores of high ranking members of the last entering class of freshmen. They are required to file all of the usual admissions credentials, including the principal's recommendation that they are capable of doing work at the college level under such an arrangement. Veterans who entered the armed forces after only six or seven semesters of high school should apply for admission to Denison under this program.

The Committee on Admissions will examine with care the credentials of each student applying for admission under this program. Its decision will be based on its evaluation of the applicant's fitness to undertake college work at the time the application is made.

ACCEPTANCE PROCEDURE

An applicant whose record shows that he ranks in the upper quarter of his graduating class, and whose application has been completed in all its parts, is eligible for acceptance upon a basis of grades for seven semesters of high school work. Notification of such acceptance will be made prior to the last week in May. Applicants ranking in the second quarter of their high school classes and those seeking to qualify by entrance examinations, may be asked to wait for action on their applications until the high school record is complete. This may mean that acceptance or rejection will be delayed until two or three weeks after high school graduation. Such applicants may be accepted and placed upon a waiting list, later being assigned dormitory accommodations as withdrawals take place during the summer, but they cannot be guaranteed admission. A student whose application has been refused, although he met the minimum entrance require-
ments, 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. Veterans may also be granted advanced standing on the basis of Educational Achievement tests taken in service or at Denison. The Veterans' Counselor will work with the Admissions Committee in admitting veterans.

ADMISSION TO ADVANCED STANDING

Students who apply for admission with advanced standing must file the regular admission credentials required under numbers 1, 2, 4, 5, 6, and 7 on pages 29-30 and in addition must file an official transcript of their college record and recommendation from a dean of the college or colleges previously attended, together with a letter of honorable dismissal. Women students must also file a $25 room retaining fee (No. 3 page 29).

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 women transfer students admitted is limited by the dormitory 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.

Students of other colleges who have failed to meet prescribed standards will in no circumstance be admitted to Denison. Official transcripts and recommendations covering all previous college work must be submitted with application for admission. 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>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Tuition</td>
<td>$200</td>
</tr>
<tr>
<td>*Incidental Fee</td>
<td>25</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>80</td>
</tr>
<tr>
<td>***Board</td>
<td>200</td>
</tr>
<tr>
<td>Books and Supplies (approximately)</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$525</td>
</tr>
</tbody>
</table>

Because of advancing food prices and other costs it may become necessary to increase the charge for board to avoid serious loss. The college therefore reserves the right to make such adjustment at the beginning of any semester.

*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 $100 to $115 a semester. All dormitory rooms with the exception of those in Shaw Hall are $80 a semester. Suites in Shaw Hall range from $100 to $110 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.

A new policy has been adopted regarding registration and room reservation deposits. Every student is required to make a registration deposit of $25 in order to confirm his enrollment. All women, and men entering as freshmen direct from high school, must also make a
$25 room reservation deposit unless they are living with their families within commuting distance. All other men desiring dormitory accommodations must make this deposit. These two deposits are refundable prior to June 1 for the first semester and December 15 for the second semester upon written notice of cancellation and request for refund to the respective dean of students. (Entering freshmen must request refund from the Director of Admissions.) A request for a transcript of credits shall not be regarded as cancellation of these deposits unless it is accompanied by definite instructions to that effect. Deposits will be credited on the statements rendered students the second semester of the senior year, except the room reservation deposit paid by freshman men. This is credited on the bill for the second semester of the freshman year. One check for $50 payable to Denison University will cover the registration and room deposits.

The tuition charge covers the cost for nine to seventeen hours of credit for the semester. Students enrolling for either excessive hours or a part-time schedule should see Registration page 48.

CONSERVATORY FEES

All students paying the regular college tuition will be permitted to take private lessons in voice or instrumental music in the Conservatory of Music at the special rate of $15 for each hour of credit, provided the total number of hours carried including music does not exceed seventeen.

For Conservatory fees see Music page 87.

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 adopted 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. 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.
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.

1. HONOR SCHOLARSHIPS

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.

2. GRANTS-IN-AID

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.
EXPENSES

3. LOAN FUNDS

Loans, 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 Secretary of 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.

4. STUDENT EMPLOYMENT

Denison offers opportunity for a number of students to earn a part of their expenses while in college. The Committee on Scholarships and Student Employment will, upon application, assign work through the Office of the Business Manager to a limited number of students, namely, those who otherwise would be unable to meet the full expenses of a college education; those who give evidence of their willingness and ability to do work of value to the college, such as laboratory assistance, stenographic service, dining hall service, help in the dormitories, or work on the campus, and those who show that they can carry work without injury to their scholastic standing or to their health.

HONOR SCHOLARSHIPS

VICTORY SCHOLARSHIPS—each $400

Full-tuition scholarships will be awarded in 1947-48 to four to six outstanding men and women who are high school graduates of high intellectual ability and strong moral character and who possess qualities of leadership as shown by their activities in high school, church, and neighborhood groups. The applicant is 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. 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, exclusive of credit in physical education and extracurricular activities. Probation for any cause
would automatically void the scholarship and make re-application necessary when the probation is removed. Application form will be sent upon request to the Director of Admissions.

**The Mary Hartwell Catherwood Scholarship Fund**

Awarded to the man or woman of the junior or senior classes definitely planning on making his or her living in writing, on recommendation of the head of the Department of English.

**The Francis Wayland Shepardson Scholarship Fund**

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

**The Cora Whitcomb Shepardson Scholarship Fund**

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

**The Ebenezer Thresher Fund**

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**

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**

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**

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

RESEARCH SCHOLARSHIPS

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

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 INDUSTRIAL DESIGN IN GLASSWARE SCHOLARSHIP

Awarded to a student in the Department of Art in competition for the best industrial 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

The Eliza Smart Shepardson Scholarship Fund

<table>
<thead>
<tr>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,500</td>
<td>$87</td>
</tr>
</tbody>
</table>
The Gertrude Carhartt Breisford Memorial Fund .......................... 2,000  70

**PRESSER MUSIC FOUNDATION SCHOLARSHIP** ............................. $250

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

### GRANTS AND SCHOLARSHIPS FOR MEN

<table>
<thead>
<tr>
<th>Fund Name</th>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
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<tbody>
<tr>
<td>The David and Jane Harpster Fund</td>
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<tr>
<td>The Mary Arnold Stevens Fund</td>
<td>500</td>
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</tr>
<tr>
<td>The Eugenia Kincaid Leonard Scholarship</td>
<td>1,000</td>
<td>35</td>
</tr>
<tr>
<td>The A. F. and A. A. Bostwick Scholarship Fund</td>
<td>1,000</td>
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</tr>
<tr>
<td>The Harry Thurston Crane Scholarship Fund</td>
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<td>175</td>
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<tr>
<td>The Marie Theresa Barney Loan Fund</td>
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### GRANTS AND SCHOLARSHIPS FOR WOMEN

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<thead>
<tr>
<th>Fund Name</th>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
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</thead>
<tbody>
<tr>
<td>The King Scholarship Endowment (for five students)</td>
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<tr>
<td>The Martha A. Luse Scholarship Fund</td>
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<td>The James McClurg Scholarship Fund</td>
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<td>35</td>
</tr>
<tr>
<td>The Mary Miller Scholarship Fund</td>
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<td>The Charles T. Chapin Scholarship Fund (for two)</td>
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<tr>
<td>The Lide-Shepardson-Marsh Scholarship Fund</td>
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</tr>
<tr>
<td>The Flora Price Jones Scholarship</td>
<td>1,000</td>
<td>35</td>
</tr>
<tr>
<td>The Agnes Wilson Weaver Scholarship Fund</td>
<td>1,000</td>
<td>30</td>
</tr>
<tr>
<td>The Harry Thurston Crane Scholarship Fund</td>
<td>5,000</td>
<td>175</td>
</tr>
<tr>
<td>The Hannah Snow Lewis Scholarship Fund</td>
<td>16,000</td>
<td>620</td>
</tr>
</tbody>
</table>

### GRANTS AND SCHOLARSHIPS FOR MEN OR WOMEN

<table>
<thead>
<tr>
<th>Fund Name</th>
<th>Principal of Fund</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Elizabeth S. Ewart Scholarship Fund</td>
<td>$2,000</td>
<td>$70</td>
</tr>
<tr>
<td>The Charles T. Lewis Scholarship Fund (for two)</td>
<td>5,000</td>
<td>175</td>
</tr>
<tr>
<td>The John Doyle Scholarship Fund (for one)</td>
<td>2,500</td>
<td>87</td>
</tr>
<tr>
<td>The Wells A. and Cynthia Aldrich Chamberlain Scholarship</td>
<td>5,000</td>
<td>175</td>
</tr>
</tbody>
</table>

*Income on one-fifth of Trust Fund held by U. S. National Bank of Omaha.*
<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>The G. A. Griswold Scholarship Fund</td>
<td>5,000</td>
<td>175</td>
</tr>
<tr>
<td>The Daniel Van Voorhis Scholarship Fund</td>
<td>500</td>
<td>20</td>
</tr>
<tr>
<td>The Saunders Scholarship Fund</td>
<td>2,000</td>
<td>70</td>
</tr>
<tr>
<td>The Amanda Sperry Scholarship Fund</td>
<td>1,000</td>
<td>35</td>
</tr>
<tr>
<td>The Herbert F. Stilwell Scholarship Fund</td>
<td>27,454</td>
<td>960</td>
</tr>
<tr>
<td>The Samuel B. Brierly Scholarship Fund</td>
<td>25,823</td>
<td>900</td>
</tr>
<tr>
<td>The Class of 1918 Scholarship Fund</td>
<td>1,000</td>
<td>35</td>
</tr>
<tr>
<td>The Class of 1917 War Memorial Scholarship Fund</td>
<td>3,394</td>
<td>110</td>
</tr>
<tr>
<td>The George H. Shorney Scholarship Fund</td>
<td>7,500</td>
<td>270</td>
</tr>
<tr>
<td>The Charles G. Waters Scholarship Fund</td>
<td>5,000</td>
<td>175</td>
</tr>
<tr>
<td>The Katherine Gear Wightman Scholarship Fund</td>
<td>500</td>
<td>17</td>
</tr>
<tr>
<td>The David E. Green Memorial Scholarship Fund</td>
<td>3,337</td>
<td>128</td>
</tr>
<tr>
<td>The Masuo S. Hoshide Scholarship Fund</td>
<td>350</td>
<td>28</td>
</tr>
</tbody>
</table>

**GRANTS AND SCHOLARSHIPS FOR MINISTERIAL STUDENTS ONLY**

<table>
<thead>
<tr>
<th>Scholarship Fund</th>
<th>Principal</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Mary K. Monroe Fund</td>
<td>30,000</td>
<td>1,050</td>
</tr>
<tr>
<td>The M. E. Gray Fund</td>
<td>5,000</td>
<td>175</td>
</tr>
<tr>
<td>The David Thatcher Fund</td>
<td>1,500</td>
<td>55</td>
</tr>
<tr>
<td>The Joshua and Gwennie Jones Fund</td>
<td>1,356</td>
<td>50</td>
</tr>
<tr>
<td>The Abigail Pence Houck Fund</td>
<td>31,717</td>
<td>1,110</td>
</tr>
<tr>
<td>The William Howard Doane Scholarship Fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for four)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Welsh Hills Prices Scholarship Fund</td>
<td>2,000</td>
<td>70</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** $1,570

   Contributed by two friends in honor of Samuel B. Brierly of the Class of 1875, founder of the *Denison Alumnus* and for many years president of the Society of the Alumni. This is a specially invested fund, the income of which is available annually for scholarship purposes to needy and qualified students of Christian parentage and high moral character. This gift increases the amount of the fund to $25,823.

2. **THE HERBERT F. STILWELL SCHOLARSHIP FUND** $9,454.69

   Bequest of Esther Oliva Stilwell added to the fund in memory of her father. This gift increases the amount of the fund to $27,454.
3. **Masuo S. Hoshide Scholarship Fund**

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.

**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.

<table>
<thead>
<tr>
<th>Loan Funds</th>
<th>Non-Loanable</th>
<th>Loanable</th>
<th>Estimated Available Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Fletcher O. Marsh Fund</td>
<td>$5,200</td>
<td>$1,300</td>
<td></td>
</tr>
<tr>
<td>The Edward LeGrande Husted Fund</td>
<td>$1,000</td>
<td>650</td>
<td>150</td>
</tr>
<tr>
<td>The Ida S. Fisher Loan Fund</td>
<td>1,250</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>The C. L. Williams Alumni Loan Fund</td>
<td>2,650</td>
<td>650</td>
<td></td>
</tr>
<tr>
<td>The Class of 1927 Loan Fund</td>
<td>250</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>The Asher King Mather Loan Fund</td>
<td>300</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>The Edward Gear Ewart Loan Fund</td>
<td>150</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>The Charles F. Burke Memorial Loan Fund</td>
<td>2,000</td>
<td>650</td>
<td></td>
</tr>
<tr>
<td>The W. C. Woodyard Loan Fund</td>
<td>600</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL SOURCES OF SCHOLARSHIPS AND LOANS**

There are many organizations, such as 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.
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. This recommendation shall be presented to the Registration Committee for action.

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.

All honors duly earned shall entitle the student to have his name placed upon the records of the University with the statement of the honors which he has received, the fact may be engrossed upon his diploma, shall be announced on Commencement Day, and published in the annual catalog.

GENERAL 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 Physical Education 111, 112, 211, 212 are not to be counted in competing for General Honors.

ANNUAL 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 courses 111, 112, 211, 212 in Physical Education are being taken, in which case the total number of hours exclusive of these courses should be not less than thirty. Grades made in the required courses in Physical Education are not to be counted in competing for Annual Honors. Laboratory or Teaching Fellows whose schedules have to be reduced to make room for their work as assistants may have such reduction considered as part of the thirty-four hours.

For list of Honor Scholarships which are classed as academic honors see page 37.

**HONOR SOCIETIES**

At Denison several nationally known honorary societies have chapters to give recognition to students achieving goals in certain fields.

The Phi Beta Kappa Society, which was founded in 1776 to recognize and encourage scholarly pursuits, established the Theta of Ohio chapter at Denison in 1911. Annually new members are elected from those students in the senior and junior classes having the highest ranking in scholarship. As a means of encouraging high scholarship among the members of the freshman class, the chapter organized the Phi Society in 1926, in which membership is automatic for students earning at least one hundred twelve scholastic points during their freshman year.

Other honorary societies having chapters at Denison are Omicron Delta Kappa and Mortar Board for Leadership; Blue Key and Crossed Keys for Activities; Eta Sigma Phi for Classical Languages; Tau Kappa 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, and the "D" Association for Intercollegiate Athletics.

**PRIZES**

**THE LEWIS LITERARY PRIZE CONTEST.** These prizes were given to the Franklin and Calliopes 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 extempro 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 of arts, 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.

JEANNIE OSGOOD CHAMBERS MEMORIAL PRIZES. Offered by Dr. T. F. Chambers in memory of Jeannie Osgood Chambers, a first prize of $50 and a second prize of $25 to members of the junior and senior classes for excellence in the study of some English writer. Essays 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 continued through 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 those 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.
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 some time in the orientation period 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. A course abandoned without such permission, likewise under certain conditions a course in which the student is failing, will be counted as a failure and so recorded on the permanent record.

WITHDRAWAL

Students who find it necessary to leave college before the close of a semester must, in order to receive an honorable dismissal, report of 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 without assigning further reason. Unless there is a serious disciplinary charge against the student, such re-
quest that the student not return will not prohibit the college from giving the student an honorable dismissal so that he may enroll in some other institution.

Students who are called out of college for military service during the semester shall be charged the proportionate amount for tuition, room, board, and fees.

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**

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

**FOR SOPHOMORE STANDING**—All entrance deficiencies must be removed. At least twenty-six hours of college credit and fifty-two points (including the required freshman courses in English and Physical Education).

**FOR JUNIOR STANDING**—At least sixty hours and one hundred twenty points (including Physical Education 211-212 and all preceding requirements).

**FOR SENIOR STANDING**—At least ninety-four hours and one hundred eighty-eight points, and all preceding requirements.
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. In the freshman year students of a given counselor live in the same dormitory so that the Counselor comes to know them both as a group and as individuals while they make the transition from school to 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 one 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. Because the choice of a field of concentration is closely allied to the vocational plan, it is appropriate that his guidance concerning his courses as well as his post-college plans should be under the direction of the Adviser in his major field.

VOCATIONAL GUIDANCE SERVICES

In liberal arts colleges where few studies have immediate vocational significance, many undergraduates need guidance in the selection of their life work. The Vocational Guidance Services function as such 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 Vocat-
COUNSELING PROGRAM

Counseling 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.

COUNSELING FOR VETERANS

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, both enacted by the 78th Congress. 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 Veteran's Administration. He counsels with veterans and assists in supplying information pertaining to enrollment and other matters of interest. (For credit allowed see Admission page 82.)
THE PLAN OF STUDY

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

This plan allows the student a wide range of choice under the guidance of teachers and administrative personnel. (See Counseling page 50.)

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 meet the specified requirements;
2. He must meet the requirements in his field of concentration;
3. He must carry a sufficient number of elective courses to complete a total of one hundred twenty-eight semester hours' credit:
4. He must meet the group requirements;
5. He must pass a comprehensive examination in his field of concentration;
6. He must show proficiency in English; and
7. His work must conform to certain scholastic requirements. (For degree of Bachelor of Music see page 57.)

A semester-hour of credit is defined as one hour a week of lecture or classroom work, or two or three hours a week of laboratory work, through one semester of seventeen or eighteen weeks.

1. SPECIFIED REQUIREMENTS

A. English, one year or its equivalent.

B. Physical Education, (a) women: two years, taken in freshman and sophomore years; (b) men: one to three years, taken in
freshman and succeeding years (see description of requirements on page 91).

2. 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 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 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.

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.

3. ELECTIVE COURSES

The remainder of a student's college course shall be devoted to courses of study offered in other groups, so as to bring the total number of semester-hours up to a minimum of one hundred twenty-eight. 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.

4. GROUP REQUIREMENTS

<table>
<thead>
<tr>
<th>Language and Literature</th>
<th>Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (except 111-112)</td>
<td>Economics</td>
</tr>
<tr>
<td>Classics</td>
<td>Education</td>
</tr>
<tr>
<td>Greek</td>
<td>Government</td>
</tr>
<tr>
<td>Latin</td>
<td>History</td>
</tr>
<tr>
<td>Modern Foreign Languages</td>
<td>Philosophy</td>
</tr>
<tr>
<td>French</td>
<td>Psychology</td>
</tr>
<tr>
<td>German</td>
<td>Religion</td>
</tr>
<tr>
<td>Italian</td>
<td>Sociology</td>
</tr>
<tr>
<td>Portuguese</td>
<td></td>
</tr>
<tr>
<td>Spanish</td>
<td></td>
</tr>
<tr>
<td>Speech</td>
<td></td>
</tr>
</tbody>
</table>
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.

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 graduate.

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 notified at the beginning of his junior year that before graduation he will be required to pass tests submitted by the faculty committee on English usage.

7. 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-four semester-hours of credit plus a half-hour of credit, ordinarily earned in chapel attendance, for each semester they are enrolled at Denison; 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.

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 43), 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 52).

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 (Public School Music Methods (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;
   Public School Music Methods 214, 313, 314 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 49.)

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 49.)

Group requirements (see page 53) 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.

CURRICULAR REVISIONS BEING ADOPTED

The faculty is studying and is in process of adopting curricular revisions designed more adequately to meet the needs of students with respect to the broad general knowledge essential to intelligent citizenship. The new plan of general studies will be announced at a later date and may affect the registration of students entering in September, 1947. Students who enter before the new plan is officially announced will be graduated when they meet the requirements stated
above. They will have the privilege, however, of substituting some of the new courses in fulfillment of the present group requirements if they wish. The new plan will limit to some extent the present wide range of electives in favor of certain general courses in such areas as oral and written English, the forms of literature (studied in a foreign language or in English), the forms of the fine arts, the history of civilization, the social and economic principles of contemporary society, the principles of formal science, biological, psychological, and physical science and leading philosophical and religious ideas of western civilization. The new plan will not affect the student's opportunity of specializing in preparation for his future vocation. In his special field, a student will substitute regular introductory courses for the general course in that field.
DEPARTMENTS AND COURSES OF STUDY

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 53. 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 and Reconstruction 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.

FINE ARTS 101-102. Mr. Eschman, Mr. Horace King, Mr. Edward Wight. 4
(Limited to forty students a semester and open only to upper-class students first semester.) Introduction to forms of the Fine Arts.

PROBLEMS OF PEACE AND RECONSTRUCTION 300. Mr. Richards, Chairman. 2-3
(For seniors and juniors; open to sophomores only on consent) Lectures, directed readings, and reports. (A total of six credits may be taken in this course.)

ART

Mr. Horace King, Mr. Dean, Miss Spencer

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.

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.

103-104. ELEMENTS OF ART Miss Spencer. 3
(For non-majors) A series of studio projects in drawing, design, and painting.
111-112. **DRAWING AND DESIGN**

Open to students of marked creative ability who expect to major in Art.

205-206. **HISTORY OF ART**

General survey of the Arts of the Western World. First semester, Ancient and Medieval; second semester, Renaissance and Modern.

221-222. **MAJOR TECHNICAL PROBLEMS**

- a. Commercial Art
- b. Figure Composition
- c. Home Planning and Decoration
- d. See 321-322, Fasel and Mural Painting.

305. **HISTORY OF CLASSIC ART**

Prerequisite, 205, or consent of instructor.

306. **HISTORY OF MEDIEVAL ART**

Prerequisite, 205-206.

311-312. **OIL PAINTING**

Problems in the organization and execution of pictorial units from still life, landscape, and the costumed model. Prerequisite, 112.

321-322. **MAJOR TECHNICAL PROBLEMS**

Further study of one or more of the problems in 221-222.

405. **HISTORY OF RENAISSANCE ART**

Prerequisite, 205-206.

406. **HISTORY OF MODERN ART**

Prerequisite, 205-206.

411-412. **PORTRAIT PAINTING**

Prerequisite, 312, and consent of instructor.

421-422. **MAJOR TECHNICAL PROBLEMS**

Continuation of 321-322.

**ASTRONOMY**

Mr. Leon Smith, Acting Chairman; Mr. Deeds

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 Mr. Deeds. 3
The Solar System—constellation study; motions of the earth and moon; measurement of latitude, longitude, and time; planets, comets, meteors. (No previous training in Physics or College Mathematics required.)

112. DESCRIPTIVE ASTRONOMY Mr. Deeds. 3
The Galactic System—the sun as a star; distances, motions, luminosities of the stars; the Milky Way system, or Galaxy; other galaxies. Astronomy 111 is desirable but not prerequisite.

113. LABORATORY ASTRONOMY Mr. Deeds. 1
Devoted principally to problems intended to clarify the lecture material of Astronomy 111. May be taken only in combination with Astronomy 111. (Evening to be arranged.)

114. LABORATORY ASTRONOMY Mr. Deeds. 1
A continuation of Astronomy 113, paralleling Astronomy 112. (Evening to be arranged.)

121-122. AIR NAVIGATION 2

211-212. PRACTICAL ASTRONOMY 4
Prerequisite, 111-112.

215. STELLAR ASTRONOMY 3
Prerequisite, 111-112, and consent of instructor.

218. THEORY AND PRACTICE OF OBSERVATION Arr.

221-222. SEMINAR Arr.
Prerequisite, consent of instructor.

411. CELESTIAL MECHANICS 3
Prerequisite, the Calculus.

414. ASTROPHYSICS 3
Prerequisite, consent of instructor.

BIOLOGICAL SCIENCES
Mr. Lindsey, Mr. Morgan, Mr. Morissey, Mr. Gamble

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.

111-112. INTRODUCTORY BIOLOGY
Mr. Lindsey, Mr. Morgan, Mr. Morrissey, 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. Morrissey. 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.

118. ECONOMIC BOTANY AND CONSERVATION
Mr. Morrissey. 2
An introduction to Economic Botany and study of the conservation of natural resources.

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. Morrissey. 5
An introductory course emphasizing the practical work of the laboratory in culturing and identifying micro-organisms. Prerequisite, 111-112 or 115-116.

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. Fries

Students specializing in Chemistry are advised to take courses 111-112, 213, 214, 223-224, 411-412, and 413-414. If they cannot present the prerequisites for courses 411-412, enough credits must be offered from other Chemistry courses to make up the minimum of twenty-four hours. A deposit of $3 for breakage and non-returnable supplies will be required in all courses except 209-210, 311-312, and 413-414.

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

111-112. GENERAL CHEMISTRY Mr. Ronneberg. 4
(It is recommended that a student have completed a high school course in Physics or Chemistry as a preparation for this course.)

209-210. ELEMENTARY PHYSICAL CHEMISTRY Mr. Everhart. 2
The principles of Chemistry, with thorough drill in the application of basic laws and theories to the structure of substances. (Designed principally for pre-medical students and medical technicians.) Prerequisite, 112.

213. QUALITATIVE ANALYSIS Mr. Ronneberg. 4
Reactions of metallic and non-metallic ions, and the analysis of mixtures of increasing difficulty. Underlying theories are emphasized. Prerequisite, 112.
214. QUANTITATIVE ANALYSIS  Mr. Ronneberg. 4
   Gravimetric, volumetric, electrolytic and electrometric methods
   of analysis; drill in calculations and fundamental theories. Prerequi-
   site, 213.

223-224. ORGANIC CHEMISTRY  Mr. Everhart. 4
   The chemistry of carbon 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 En-
   gineering majors with at least junior standing). Prerequisite, 214
   and registration 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 ob-
   tained in this course may be used in judging winners in the Wood-
   land Chemistry Prize contests. See page 45. This course may
   also be used as a project for honors in the Department of Chemistry.)

411-412. PHYSICAL CHEMISTRY  Mr. Everhart. 3
   Theoretical chemistry. Prerequisite, 214 and 224; Physics 112
   and laboratory course; and Mathematics 221-222.

413-414. HISTORY OF CHEMISTRY  Mr. Everhart. 1
   A seminar course.

415-416. LABORATORY  Mr. Everhart. 1
   Supplementary laboratory periods for 411-412, for students de-
   siring 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,
**DEPARTMENTS AND COURSES OF STUDY**

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.)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GREEK 101</td>
<td>GREEK CIVILIZATION</td>
<td>2</td>
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<td></td>
<td>(May be included in a History major.)</td>
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<tr>
<td>LATIN 104</td>
<td>ROMAN CIVILIZATION</td>
<td>2</td>
</tr>
<tr>
<td>GREEK 201</td>
<td>GREEK DRAMA</td>
<td>2</td>
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<tr>
<td></td>
<td>(Alternates with 203; offered in 1947-48.)</td>
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</tr>
<tr>
<td>GREEK 203</td>
<td>GREEK LITERATURE IN ENGLISH</td>
<td>2</td>
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<td></td>
<td>(Alternates with 201; offered in 1946-47.)</td>
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<tr>
<td>GREEK 204</td>
<td>MYTHOLOGY-RELIGION</td>
<td>2</td>
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<td></td>
<td>(Alternates with Latin 206; offered in 1947-48.)</td>
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<tr>
<td>LATIN 206</td>
<td>LATIN LITERATURE IN ENGLISH</td>
<td>2</td>
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<tr>
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<td>(Alternates with Greek 204; offered in 1946-47.)</td>
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</table>

**FOR GREEK AND ROMAN ART**

(See Art 205-206, 305, 306, 405.)

**FOR GREEK AND ROMAN PHILOSOPHY**

(See Philosophy 331.)

**COURSES IN LANGUAGE**

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

**GREEK**

111-112. INTRODUCTION TO THE GREEK LANGUAGE  
(Open to the students of all classes.)  
3

211-212. GREEK NEW TESTAMENT  
Prerequisite, 111-112.  
3

**LATIN**

101. SELECTIONS FROM CICERO  
Prerequisite, two or three years of high school Latin.  
3
102. VIRGIL
Selections from the first six books of the *Aeneid*. Prerequisite, four years of high school Latin.

111-112. SELECTIONS FROM LATIN LITERATURE
Prerequisite, four years of high school Latin.

211. LIVY AND OVID
History and mythology. Sight reading.

212. PLINY AND CICERO
Letters and Essays.

311-312. VIRGIL
A study of all the poems of Virgil.

315. THE TEACHING OF LATIN
(Designed for seniors who expect to teach). May be counted as credit in Education (see page 73). Prerequisite, Education 211, 321; Psychology 211.

ECONOMICS

Mr. Gordon, Miss Green, Mr. Polk, Mr. Paul Smith

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

MAJOR IN ECONOMICS

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

Majors in Economics are required to 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.

Majors in Economics are 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.

MAJOR IN BUSINESS

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

Business majors 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.

Business majors are 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, 231; 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
Miss Green, Mr. Smith. 3
(Open only to prospective majors in Economics and Business)

213-214. ELEMENTARY ECONOMICS Miss Green, Mr. Polk, Mr. Smith. 3
A general economic survey for those not planning to major in Economics.

223. PRINCIPLES OF ACCOUNTING Mr. Polk. 3
The accounting cycle from first entries into the journal and ledger up to the preparation of a balance sheet and of a statement of profit and loss.

224. INTERMEDIATE ACCOUNTING Mr. Polk. 3
The content of this course is kept flexible and is adapted to the special needs of the students.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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<tbody>
<tr>
<td>313</td>
<td>PRINCIPLES OF TRANSPORTATION</td>
<td>Mr. Polk</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>314</td>
<td>PRINCIPLES OF MARKETING</td>
<td>Mr. Polk</td>
<td>3</td>
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<td></td>
<td>Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>315</td>
<td>MONEY AND BANKING</td>
<td>Mr. Smith</td>
<td>3</td>
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<tr>
<td></td>
<td>History, principles, and problems. Prerequisite, 211-212 or 213-214.</td>
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</tr>
<tr>
<td>316</td>
<td>CORPORATE ORGANIZATION AND FINANCE</td>
<td>Mr. Smith</td>
<td>3</td>
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<tr>
<td></td>
<td>Organizational and financial problems of corporations. Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>317-318</td>
<td>LABOR ECONOMICS</td>
<td>Mr. Gordon</td>
<td>2</td>
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<tr>
<td></td>
<td>(Both semesters required for credit) Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>332</td>
<td>ECONOMICS FOR CONSUMERS</td>
<td>Mr. Gordon</td>
<td>3</td>
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<tr>
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<td>(Offered each semester to juniors and seniors) Special attention is given to advertising and marketing from the consumer's point of view.</td>
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<tr>
<td>410</td>
<td>PRINCIPLES OF PUBLIC FINANCE</td>
<td>Miss Green</td>
<td>3</td>
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<td></td>
<td>Sources of governmental income; the growth and significance of public expenditures; special emphasis on the effects of taxation on the consumer and the problems of post-war finance. Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>413-414</td>
<td>SEMINAR</td>
<td>Mr. Gordon</td>
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<td></td>
<td>Readings in current economic journals and preparation of a thesis. Prerequisite, consent of instructor.</td>
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<tr>
<td>419</td>
<td>PRINCIPLES OF INSURANCE</td>
<td>Miss Green</td>
<td>3</td>
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<tr>
<td></td>
<td>(Open to senior non-majors) Survey of property, casualty, liability, and social insurance, with special emphasis on the principles of life insurance.</td>
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<tr>
<td>431</td>
<td>MODERN TRENDS IN WORLD TRADE</td>
<td>Mr. Gordon</td>
<td>3</td>
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<tr>
<td></td>
<td>International division of labor and its advantages; the trend toward regional trade; the relation of world trade to world peace. Prerequisite, 211-212 or 213-214.</td>
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<tr>
<td>440</td>
<td>GOVERNMENT AND BUSINESS</td>
<td>Mr. Gordon</td>
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<td></td>
<td>A trip to Washington to observe the federal government perform its economic functions through such agencies as Supreme Court, Federal Reserve Board, Federal Trade Commission, National Labor Relations Board, etc. Conferences are arranged with individuals</td>
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</table>
prominent in formulating or administering governmental economic policies. Spring vacation. Prerequisite, consent of instructor.

EDUCATION

Mr. Hawes, Mr. Major, Mr. McClain

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.

101. LIBRARY USE
   (Not offered in 1946-47)  2

102. SCHOOL LIBRARY WORK
   (Not offered in 1946-47) Prerequisite, 101.  2

211. INTRODUCTION TO SCHOOL MANAGEMENT
   (Open to freshmen with consent of instructor)  Mr. Hawes.  3

213. HISTORY AND PSYCHOLOGY OF PUBLIC MUSIC
   Mr. McClain.  2

214. ELEMENTARY PUBLIC SCHOOL MUSIC METHODS
   Mr. McClain.  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 811)  Mr. Hawes.  3
311. THE TEACHING OF SCIENCE
(Alternates with 309) Prerequisite, 211, 321; Psychology 211.
Mr. Hawes. 3

313. JUNIOR HIGH SCHOOL MUSIC METHODS
Prerequisite, 211, 321; Psychology 211.
Mr. McClain. 3

314. SENIOR HIGH SCHOOL MUSIC METHODS
Prerequisite, 211, 321; Psychology 211.
Mr. McClain. 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

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

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

401. 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, 321 and eighteen
additional hours in Education.
Mr. Hawes. 3

414. SCHOOL ADMINISTRATION AND SUPERVISION
Prerequisite, 211, 321 and Psychology 211.
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 addition to his student teaching. Conference Thursday, 4 p.m. Prerequisite, consent of instructor.

All special methods courses listed under other departmental headings are offered with the cooperation of the Department of Education. Prerequisites for these courses are Education 211, 321, and Psychology 211. Exceptions to this regulation must have the approval of this department. For courses in special methods of teaching, see Classical Languages—Latin 315; Mathematics 323; Physical Education for Men 313-314, 344; Physical Education for Women 325-326, 416; Speech 311.

ENGINEERING SCIENCE
Mr. Wiley, Acting Chairman; Mr. Ladner

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

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

101. STATISTICAL GRAPHICS
Mr. Ladner. 2
(Not restricted to engineering students) Use of instruments, lettering, and tracing. Construction of different types of charts and graphs used in statistical work.

111. ENGINEERING DRAFTING
Mr. Ladner. 2-3
Use of instruments, simple projections, freehand sketching, geometric problems; conventional signs, and tracings. (Recommended for non-engineering students, particularly those majoring in the sciences.)
112. DESCRIPTIVE GEOMETRY  
Mr. Ladner.  4
Conventional projection theories of drafting with problems and applications in point, line, and plane; intersection and development of surfaces. Prerequisite, 111.

115. MACHINE DRAWING  
Mr. Ladner.  2
Elementary design and working drawings. Prerequisite, 111.

122. ELEMENTARY SURVEYING  
Mr. Ladner.  4
Fundamental methods; use of tapes, level, and transit; land surveying; areas and plotting; field problems. Two class and two laboratory periods each week. Prerequisite, 111 and Trigonometry.

311. TECHNICAL MECHANICS  
Mr. Ladner.  5
The principles of applied mechanics with reference to their application to engineering. Prerequisite, Mathematics 221-222; Physics 111 and 114 or 211.

314. MECHANICS OF MATERIALS  
Mr. Ladner.  5
Engineering materials and their reactions to applied loads—including stress, strain, tension, compression, shear, torsion, and flexure. Prerequisite, 311.

ENGLISH

Mr. J. L. King, Mr. Mahood, Miss Shannon, Miss Stanton, Mr. Southgate,  
Mr. Arnold, Miss Lewis, Mr. Hertel

Students majoring in this department will 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. History 213-214 is recommended.

Courses 111-112 and 211-212 are prerequisite to all courses in the departments except 213-214, 215-216, and 315.

111-12. ENGLISH COMPOSITION  
Mr. Mahood, Miss Shannon, Miss Stanton, Mr. Arnold, Miss Lewis, Mr. Hertel.  3
(Required of all freshmen).

211-212. ENGLISH LITERATURE  
Staff.  3
A survey of the history of English literature, with particular emphasis on poetry. Prerequisite, 111-112.

213-214. NEWSWRITING AND EDITING  
Mr. Hertel.  3
Covers all phases of journalistic practice. Prerequisite, 111-112.
DEPARTMENTS AND COURSES OF STUDY

215-216. LITERATURE AS ART  Miss Shannon. 3
This course is designed to enable the student to appreciate and evaluate literature, and to perceive the relationship between literature and the other arts—music, painting, sculpture, and architecture. Illustrations from all the arts are used to teach the fundamental principles necessary for an understanding and evaluation of creative work. (May be substituted for English 211-212 by students not majoring in English.) Prerequisite, 111-112.

315. CORRECTIVE ENGLISH  Miss Lewis. 2
(Open only to juniors and seniors) A review of the fundamentals of English composition. Designed for students who feel the need of further practice and drill in writing.

321-322. SHAKESPEARE  Mr. King. 3

324. THE ROMANTIC MOVEMENT IN ENGLAND  Mr. King. 3
A brief review of the movement in the eighteenth century, followed by a closer study of the work of Wordsworth, Coleridge, Byron, Shelley, and Keats.

326. THE SHORT STORY  2

329. THE ELIZABETHAN DRAMA  Miss Shannon. 2-3
Exclusive of Shakespeare. (Additional outside readings for three hours' credit.)

330. THE MODERN DRAMA  Miss Shannon. 2-3
(Additional outside readings for three hours' credit.)

331-332. AMERICAN LITERATURE  Mr. King. 3

333. CHAUCER  Mr. King. 3

335. VICTORIAN POETS  Miss Stanton. 3
Tennyson, Matthew Arnold, Swinburne, and other poets of the period.

336. BROWNING  Mr. Mahood. 3

337. ADVANCED COMPOSITION  Miss Shannon. 2
Prerequisite, consent of instructor.

339. ENGLISH PROSE OF THE 18TH CENTURY  Mr. Mahood. 2
Exclusive of the novel. Defoe, Swift, Addison, Steele, Johnson, and others.

340. ENGLISH PROSE OF THE 19TH CENTURY  3
341. THE ENGLISH NOVEL
Mr. Mahood. 2-3
The development of the novel in England during the 18th and 19th centuries. (Additional outside readings 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
Life and literature under the Tudors.

THE TEACHING OF ENGLISH. See Education 331.

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

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.

Students who contemplate graduate study in Family Life should obtain a reading knowledge of at least one foreign language.

211. EDUCATION FOR MARRIAGE AND FAMILY LIFE
3
(Offered each semester) A general introductory course, 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
1
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 or Geography should also take at least twenty hours in Chemistry, Physics, Mathematics, Biology, and Engineering Science. The work in these sciences will be prescribed in accordance with the needs of the individual student.

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.

121. GEOGRAPHY
Mr. Mahard. 3
Elements of the geographical environment (including natural resources), and their effects upon man.

125. GEOMORPHOLOGY
Mr. Wright. 2-3
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 or 125.

140. INTRODUCTION TO METEOROLOGY
Mr. Mahard. 3
A study of the atmosphere and its phenomena. An analysis of weather variations and an introduction to principles of weather forecasting.

150. MAP READING
Mr. Mahard. 2
A study of the earth's surface as represented on maps.

211. ELEMENTARY MINERALOGY AND PETROLOGY
Mr. Wright. 4
Prerequisite, 111-112, and an elementary course in Chemistry.
231. GEOGRAPHY OF SOUTH AMERICA
    Mr. Mahard.  3
    Environmental factors and their significance in the affairs of South America and the World. Prerequisite, 111 or 125 or 121.

232. GEOGRAPHY OF EUROPE
    Mr. Mahard.  3
    Parallel in content to 231, with greater emphasis on the background of European development. Prerequisite, 111 or 125 or 121.

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.

320. FIELD WORK
    Mr. Wright.  2
    An automobile trip across the Appalachians to Norfolk, Virginia. A complete section through the Appalachian Highlands including the Appalachian Plateau, Appalachian Ridges, Shenandoah Valley, Blue Ridge, and Piedmont, and a traverse of the Atlantic Coastal Plain. A written report with diagrams required. Estimated cost, exclusive of tuition, $50. Spring vacation. Prerequisite, consent of instructor.

322. FIELD WORK
    Mr. Wright.  2
    Similar to 320, but principally in the Great Smoky Mountain region or in the West. (In case a western trip is taken, the course may carry as much as six hours of credit.) Estimated cost for shorter trip, $50. Summer.

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

HISTORY AND GOVERNMENT
    Mr. Utter, Mr. Stratton, Mr. Comfort, Mr. Inman, Mr. Morrow,
    Mr. Southgate, Mr. Boyer

    A minimum of twenty-four hours is required for a major in either division. Majors in History are expected to have a reading knowledge of a modern foreign language. Sequence of courses for majors will be determined in consultation with an Adviser in the department.

HISTORY

111-112. HISTORY OF WESTERN CIVILIZATION
    Mr. Stratton, Mr. Inman, Mr. Southgate, Mr. Boyer.  4
    The first semester's work covers the period to the Protestant Revolt, the second from that period to the present.
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. Irmmann.  3
   Emphasis of the period from 1066 to the eve of the nineteenth
   century.

221-222. HISTORY OF THE UNITED STATES SINCE 1763  Mr. Utter.  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 1947-48) 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. Irmmann.  3
   European history, political and diplomatic, since the eve of
   World War I. Prerequisite, 111-112 or consent.

224. THE AMERICAN FRONTIER  Mr. Utter.  3
   The frontier in American economic, political, and cultural de-
   velopment. Prerequisite, 121-122 or 221-222.

325-326. HISPANIC-AMERICAN HISTORY  Mr. Stratton.  3
   (Not offered in 1947-48) Emphasis is given to the more recent
   period.

327. HISTORY OF AMERICAN DIPLOMACY TO 1900  Mr. Utter.  3

331-332. MODERN COLONIAL EXPANSION AND IMPERIALISM  Mr. Stratton.  3
   (Not offered in 1947-48) A history of the spread of Europeans
   overseas since 1500. Particular attention is given to the British
   Empire.

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. Irmmann.  2
   (Required of majors) Introductory course in historical method.
GOVERNMENT

211. AMERICAN NATIONAL GOVERNMENT
Mr. Comfort, Mr. Morrow. 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, Mr. Morrow. 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
(Not offered in 1947-48) Study of the history, organization, functions, and activities of political parties and their relation to governmental policies.

304. LEGISLATIVE PROCESS
Mr. Comfort. 3
(Offered in 1947-48) 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
(Not offered in 1947-48) Study of geographic, economic, and political factors in modern international society.

316. PUBLIC ADMINISTRATION
Mr. Comfort. 3
Analysis of organization, principles, and methods of public administration, with special reference to current problems.

403. POLITICAL PHILOSOPHIES
Mr. Comfort. 3
Introduction to political thought from Socrates to Karl Marx.

404. RECENT POLITICAL THOUGHT
Mr. Comfort. 3
Examination of important political ideas in modern times—both European and American.

412. INTRODUCTION TO THE LAW
Mr. Morrow. 5
(For pre-law students) The history and meaning of law, the development of legal reasoning and philosophy, instrumentalities for the protection of rights, and the structure of the legal profession.
421. SEMINAR  Mr. Comfort, Mr. Morrow.  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 gov-
ernments; recent trends in jurisprudence.

MATHMATICS

Mr. Wiley, Mr. Rupp, Mr. Kato, Mr. Ledner, 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. They
will elect, after consultation with the head of the department, a mini-
imum of twelve hours in subjects related to Mathematics.

SEQUENCE I

115-116. ELEMENTARY MATHEMATICAL ANALYSIS
Mr. Rupp, Mr. Kato, Mr. Ledner, Miss Wetzel, Miss Carpenter.  4
This covers Algebra, Trigonometry, and Analytic Geometry.

215-216. THE CALCULUS  Mr. Rupp.  5
Prerequisite, 116.

SEQUENCE II

121-122. ELEMENTARY MATHEMATICAL ANALYSIS  Mr. Wiley.  5
This covers Algebra, Trigonometry, Analytic Geometry, and an
introduction to The Calculus.

221-222. THE CALCULUS  Mr. Wiley.  5
(Intensive course) Prerequisite, 122.

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.

117. ANALYTIC GEOMETRY  Miss Carpenter.  3
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
   Prerequisite, 215 or 221.

323. THE TEACHING OF MATHEMATICS  Mr. Rupp. 2
   For secondary school teachers. (Counts for credit in Education,
   see page 73.) Prerequisite, 116 or 122; Education 211, 321; Psychology 211.

332. COLLEGE ALGEBRA  Mr. Rupp. 3
   (Alternates with 336) Selected topics. Prerequisite, consent of
   instructor.

336. COLLEGE GEOMETRY  Mr. Rupp. 3
   (Alternates with 332) Prerequisite, consent of instructor.

352. SOLID ANALYTIC GEOMETRY  Mr. Kato. 4
   Prerequisite, 116 or 122.

353. DIFFERENTIAL EQUATIONS  Mr. Kato. 4
   An introductory course. Prerequisite, 216 or 222.

354. ADVANCED CALCULUS  Mr. Kato. 4
   Prerequisite, 216 or 222.

356. PROJECTIVE GEOMETRY  Mr. Kato. 4
   Prerequisite, consent of instructor.

407-408. ADVANCED STATISTICS  Miss Wetzel. 3
   Prerequisite, 308.

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

460. SEMINAR  Mr. Wiley. 3
   (Required of majors) Designed to integrate the student's mathematical knowledge and extend his mathematical horizon.
MODERN LANGUAGES

Mr. DeLand, Mr. Felt, Mr. Skipp, Mr. Waldorf, Mr. Secor, Miss Meyer, Miss Bailey

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.  5

211-212. INTERMEDIATE FRENCH  
Mr. Felt, Mr. Secor.  3
Reading, grammar review, and conversation. Prerequisite, two years of high school French or one year of college French.

213-214. CONVERSATION AND COMPOSITION  
Mr. Felt, 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. Felt.  3
Readings from such authors as Molière, Corneille, Racine, Voltaire, Beaumarchais, Hugo, Balzac, Romains. Prerequisite, three years of high school French or two years of college French.

313-314. CONVERSATION  
Mr. Felt.  2
Composition as needed.

317. THE CLASSIC DRAMA  
Mr. Felt.  3
Prerequisite, 311-312.

318. EIGHTEENTH CENTURY LITERATURE  
Mr. Felt.  3
Lesage, Saint-Pierre, Voltaire, Rousseau, and leading playwrights. Prerequisite, 311-312.
319. NINETEENTH CENTURY PROSE AND POETRY  Mr. Secor. 3
   Novel from Chateaubriand, through Balzac, Flaubert, de Maupassant to contemporary writers. Critics: Sainte Beuve, Taine, Renan. Poets from the Romanticists through the Symbolists. Prerequisite, 311-312.

320. NINETEENTH CENTURY THEATRE  Mr. Secor. 3

412. SURVEY OF FRENCH LITERATURE  
   (Not offered in 1946-47)

414. POETRY OF ROMANTICISM  
   (Not offered in 1946-47) Hugo, Lamartine, de Musset and others.

415-416. ADVANCED FRENCH GRAMMAR AND WRITING  Mr. Secor. 2

### GERMAN

111-112. INTRODUCTION TO THE GERMAN LANGUAGE  Mr. Skipp, Miss Meyer. 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  Mr. Skipp. 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 1946-47) Prerequisite, 211 and one year of college science or consent of instructor.

317. GERMAN CLASSICS  Mr. Skipp. 3
   (Alternates with 319; offered in 1947-48) Lessing, Schiller, and the classical German drama. Prerequisite, 212, 214, or 216, or three years of high school German.
318. GOETHE'S WORKS  3
(Alternates with 320; offered in 1947-48.) Selections. Prerequisite, 212, 317 or 319 or consent of instructor.

319. NINETEENTH CENTURY PROSE  Mr. Skipp. 3
(Not offered in 1947-48) Beginning with the Romantics 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
(Not offered in 1947-48) Kleist, Grillparzer, Hebbel, Hauptmann, Sudermann, and others. Prerequisite, same as for 318.

415. SURVEY OF GERMAN LITERATURE BEFORE 1700  2
(Not offered in 1946-47) Prerequisite, any 300-course or any two 200-courses, including 211-212.

416. SURVEY OF GERMAN LITERATURE AFTER 1700  2
(Not offered in 1946-47) Prerequisite, same as for 415.

ITALIAN

111-112. INTRODUCTION TO THE ITALIAN LANGUAGE  Mr. Deland. 5
(Offered in 1947-48)

PORTUGUESE

111-112. INTRODUCTION TO THE PORTUGUESE LANGUAGE  Mr. Deland. 5
(Offered in 1947-48)

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

SPANISH

101. SPANISH CIVILIZATION  2
(Not offered in 1946-47) 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 1946-47) Study of Hispanic-American culture and character, especially as expressed in literature, read in translation.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
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<tbody>
<tr>
<td>111-112</td>
<td>INTRODUCTION TO THE SPANISH LANGUAGE</td>
<td>Mr. Waldorf, Miss Bailey</td>
<td>5</td>
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<tr>
<td>211-212</td>
<td>INTERMEDIATE SPANISH</td>
<td>Mr. DeLand, Miss Bailey, Miss Meyer</td>
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<td>Reading, grammar review, and conversation.</td>
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<td>Prerequisite, two years of high school Spanish or one year of college Spanish.</td>
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<tr>
<td>213-214</td>
<td>CONVERSATION AND COMPOSITION</td>
<td>Mr. DeLand, Mr. Waldorf</td>
<td>2</td>
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<td>(May be taken either semester or both semesters.)</td>
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<td>To accompany 211-212 for those students who wish to develop greater language skill.</td>
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<tr>
<td>311-312</td>
<td>AN INTRODUCTION TO SPANISH LITERATURE AND CIVILIZATION</td>
<td>Mr. Waldorf</td>
<td>3</td>
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<td>Readings from such authors as Cervantes, the Picaresque writers, Calderón, Lope de Vega, the Romanticists, Larra, Alarcón, Pérez Galdós, Echegaray, Benavente, Martínez Sierra. Prerequisite, three years of high school Spanish or two years of college Spanish.</td>
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<td>313</td>
<td>COMMERCIAL SPANISH</td>
<td>Mr. Waldorf</td>
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<td>A study of the letters and forms used in business.</td>
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<td>Prerequisite, 211-212 or equivalent.</td>
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<tr>
<td>314</td>
<td>ADVANCED CONVERSATION</td>
<td>Mr. Waldorf</td>
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<td>Composition as needed.</td>
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<td>Prerequisite, 213-214.</td>
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<td>317</td>
<td>DRAMA OF THE GOLDEN AGE</td>
<td>Mr. DeLand</td>
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<td>(Offered in 1947-48) 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.</td>
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<td>319</td>
<td>SPANISH NOVEL</td>
<td>Mr. DeLand</td>
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<td>(Offered in 1947-48) Prerequisite, 311-312.</td>
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<td>320</td>
<td>MODERN SPANISH DRAMA</td>
<td>Mr. DeLand</td>
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<td>(Offered in 1947-48) Prerequisite, 311-312.</td>
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<td>322-324</td>
<td>SPANISH-AMERICAN LITERATURE AND CIVILIZATION</td>
<td>Mr. DeLand</td>
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<td>(Not offered in 1947-48) Prerequisite, 311-312.</td>
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<td>History 325-326 and Geography 231 recommended.</td>
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<tr>
<td>414</td>
<td>ADVANCED COMPOSITION, PHONETICS</td>
<td>Mr. DeLand</td>
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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. 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. 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

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

A course in the history and performance of operas.

111-112. FUNDAMENTAL MUSICIANSHP

Required of all freshmen majoring in Music.

121-122. HARMONY

Required of all freshmen majoring in Music.

201. HISTORY OF MUSIC TO THE 18TH CENTURY

(Alternates with 311-312; offered in 1947-48.)

202. HISTORY OF MUSIC FROM THE 18TH CENTURY TO THE PRESENT TIME

203-204. CHORUS, ORCHESTRA, BAND OR ENSEMBLE TRAINING

205-206. APPRECIATION OF MUSIC

(For non-majors) This course is offered without prerequisites in musical training or experience.
211-212. ADVANCED MUSICIANSHIP  
Prerequisite, 111-112.

221-222. ADVANCED HARMONY  
Increased vocabulary in composition. Prerequisite, 121-122.

301. TERMINOLOGY AND VOCAL CONDUCTING  
(Alternates with 303; offered in 1947-48.)

302. TERMINOLOGY AND INSTRUMENT CONDUCTING  
Prerequisite, 301.

303. ORCHESTRATION  
(Alternates with 301; offered in 1946-47.) The study of instruments and their combination with the practice of orchestrating for school purposes.

311-312. MUSICAL FORM  
(Alternates with 201-202; not offered in 1947-48.) Analysis of the principal instrumental forms.

PUBLIC SCHOOL MUSIC METHODS  
The history, psychology, and problems of teaching public school music applied to present day practices. See Education 213, 214, 313, and 314.

331-332. COUNTERPOINT  
(Offered in 1946-47) 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  
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  
Class instruction for majors in Public School Music.

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

WOODWIND INSTRUMENTS CLASS  
Class instruction for majors in Public School Music.

BRASS INSTRUMENTS CLASS  
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

121. ETHICS FOR TODAY  
Mr. Titus. 3
Freshman section.

223. REFLECTIVE THINKING  
Mr. Hepp. 3
The principles and problems of clear and accurate thinking.

224. LIVING ISSUES IN PHILOSOPHY  
Mr. Titus. 3
An introduction to the field of philosophy.

321. ETHICS FOR TODAY  
Mr. Titus. 3
(Not open for credit to students who have credit for 121.) The origin, development, and nature of morality. Special emphasis is given to present-day problems. Open to sophomores by consent of instructor.
326. **MODERN SOCIAL PHILOSOPHIES**  
Mr. Titus. 3  
An examination of present day society, also of socialism, communism, fascism, and the cooperative movement. Prerequisite, 321 or consent of instructor.

327. **THE PHILOSOPHY OF CIVILIZATION**  
Mr. Titus. 3  
The sources of Western civilization—recent philosophies of civilization as set forth by Spengler, Sorokin, Schweitzer, Toynbee, and others—dominant ideal of Western civilization. Prerequisite, 326 or consent of instructor.

331. **HISTORY OF PHILOSOPHY—ANCIENT AND MEDIEVAL**  
Mr. Hepp. 3  
Prerequisite, consent of instructor.

332. **HISTORY OF PHILOSOPHY—MODERN**  
Mr. Hepp. 3  
Prerequisite, consent of instructor.

342. **PHILOSOPHICAL IDEAS IN MODERN LITERATURE**  
3  
Emphasis will be placed upon the work of Tolstoi, Ibsen, Nietzsche, and upon the philosophers who influenced them.

431. **CONTEMPORARY THOUGHT**  
Mr. Hepp. 3  
A seminar on the main trends of modern thought and the modern systems of philosophy. Reports and discussion in one two-hour period, and conference periods. Prerequisite, consent of instructor.

432. **PHILOSOPHY OF RELIGION**  
Staff. 3  
A seminar on the origin, development, nature, and problems of religion, and the types of religious philosophy. Prerequisite, consent of instructor.

**PHYSICAL EDUCATION FOR MEN**  
Mr. Livingston, Mr. Jenkins, Mr. Hayes, Mr. Yard

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

A major sequence of 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 54) and eight
hours of social studies (see Group B, page 53). The minimum requirements in Education are stipulated by the State Department of Education for all high school teachers (see page 71).

EX-SERVICEMEN

Ex-servicemen are granted sufficient credit in Physical Education to meet graduation requirements and are excused from further required Physical Education courses and from physical fitness tests.

However, a voluntary service men's sports program is open to election. The work will be supervised and graded; one credit each semester may be earned but not more than six credits in Physical Education may be applied toward graduation.

REQUIRED COURSES AND PHYSICAL FITNESS TESTS

Following the required health examinations of the orientation period and subsequent classification of students, registration is held for the required work in Physical Education. (Four hours each week yield one semester-hour of credit.)

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

For men entering Denison after September 1, 1945, without previous military training.

111-112. FOR FRESHMEN

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

Those who fail must repeat the course or elect another in its place. Students may receive duplicate credit in any course. Students assigned to Corrective Gymnastics may take this course for one, two, three or four semesters. (Four hours each week.)
211-212. FOR SOPHOMORES

Corrective gymnastics, rhythmics, advanced swimming, boxing, wrestling, sports, and apparatus stunts. Four hours each week.

311-312. FOR JUNIORS

Gymnastics required for those who have not already passed the physical fitness tests for 111-112 and 211-212. Four 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 II

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 II

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 73). Two lectures and two laboratory periods each week. Prerequisite, Psychology, 211, Education, 211, 321.

316. THEORY AND PRACTICE OF PHYSICAL EDUCATION III

Mr. Jenkins. 4

Function and organization of play and playground; play activities suitable for each age period. Two lectures and two laboratory periods each week.
317. RECREATIONAL LEADERSHIP  Mr. Jenkins. 2
The social aspects of leisure and recreation and the importance of social relations and processes therein. Prerequisite, Psychology 338.

343. PERSONAL AND GENERAL HYGIENE  Mr. Livingston. 4
Lectures, discussions, and readings dealing with the field of personal and public health. Prerequisite, 111-112.

344. THE TEACHING OF HEALTH AND SCHOOL HEALTH PROBLEMS  Mr. Livingston. 4
For teachers of health and physical education in the promotion of health instruction and health service. Counts also as Education credit (see page 73). 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, Miss Lipp

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 such activities as archery, badminton, baseball, folk and tap dancing, the modern dance, golf, hockey, horseback riding, tennis, track and field, swimming, volleyball, winter sports, apparatus, and tumbling. (Three hours each week.)
211-212. FOR SOPHOMORES

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

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

ELECTIVE COURSES

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

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

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

For majors there are three groups of courses listed below. One group should be taken in each of three years. Minors must take the first two of these groups of courses:

GROUP I BASIC SUBJECT MATTER

(Thirteen hours of credit, six the first semester, and seven the second.) Includes 211-212, and the following:

201A. PRINCIPLES OF WHOLESOME LIVING

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

(Fifteen hours of credit, 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. Prere- 
quisite, 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

(Sixteen hours of credit, eight each semester.)

404. THE NATURE AND FUNCTION OF PLAY  
Miss Barr. 2  
History and theories of play. The contribution of play and 
recreation to American culture. Prerequisite, senior standing in the 
department.
411. RECONSTRUCTIVE PHYSICAL EDUCATION  Miss Houston. 3
Postural defects and the use of exercise for functional and organic abnormalities. The physical examination and physical diagnosis. Prerequisites, 201A and 427; Biology 211-212.

414. PRINCIPLES, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION  Miss Barr. 4
General material integrating the field and leading up to the senior comprehensive examination. Prerequisite, senior standing in the department.

424. THE PLACE OF DANCE IN AESTHETICS  Miss Barr. 2
The philosophy and psychology of aesthetics as it relates to the dance. Organization of the public performance. Prerequisite, 111-112, 211-212.

427. KINESIOLOGY  Miss Houston. 2
A study of bodily movement. Joint and muscle action, particularly as applied to movements ordinarily used in physical education activities. Prerequisite, Biology 211-212. Physics 111-112 recommended.

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

OUTSIDE ALL GROUPS

201B. SEX HYGIENE  Dr. Williams. 1

351. RECREATIONAL LEADERSHIP  Miss Barr. 3
(Alternate course; not offered in 1946-47.) 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.

101-102. PHYSICS  
Mr. Smith. 3  
An almost non-mathematical introductory course. Subject to demand and teaching time available.

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.

201. FLIGHT TRAINING  
Mr. Howe. 2  
Basic ground school course for pilot training.

211. LABORATORY PHYSICS  
Mr. Smith. 3  
The essentials of mechanics, molecular physics, and heat, designed for Engineering and Science students. Prerequisite, 111-112, and 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 electrical measurements. The theoretical course covering the same field is 313. Prerequisite, 211-212, and Mathematics 221-222.

312. LIGHT  
Mr. Smith. 3  
An intermediate laboratory course in light. 314 normally goes with this laboratory course. Prerequisite, 211-212, and Mathematics 221-222.

313. MAGNETISM AND ELECTRICITY  
Mr. Smith. 3  
(Alternate course; not offered in 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
(Alternate course; not offered in 1947-48.) Introduction to the study of geometrical and physical optics. The corresponding laboratory course is 312. Prerequisite, 211-212, and Mathematics 221-222.

333. KINETIC THEORY
(Alternate course; offered in 1947-48.) A lecture course presenting the kinetic theory and elementary thermodynamics. Prerequisite, 211-212, and Mathematics 221-222.

334. ELECTRON THEORY
(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
Laboratory work and lectures treating the fundamental principles underlying modern wireless telegraph and telephone circuits. Prerequisite, 111-112 and 113-114 or 211-212.

431-432. ELEMENTS OF ELECTRICAL ENGINEERING
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
Prerequisite, consent of instructor.

PSYCHOLOGY
Mr. Steckle, Mr. Biel, Mr. Dixon, Mrs. Strickland, Mrs. Gottwald

A major in Psychology requires a minimum of twenty-four hours in Psychology which must include satisfactory work (C or above) in courses 315-316, 342, 411, and 412.

Majors in the department 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.

Students contemplating graduate work in Psychology should obtain a reading knowledge in at least one foreign language. They are also urged to take Mathematics 115-116, and Physics 111-112 and 113-114.

211. GENERAL PSYCHOLOGY
(Offered each semester)
212. SURVEY OF APPLIED PSYCHOLOGY
Prerequisite, 211.

217. DEVELOPMENTAL PSYCHOLOGY
Ms. Strickland, Mrs. Gottwald. (Offered each semester) Prerequisite, 211.

226. PROBLEMS IN PERSONALITY
Mr. Steckle, Mrs. Strickland. (Offered each semester) Prerequisite, 211.

315-316. EXPERIMENTAL PSYCHOLOGY
Prerequisite, 211, and Mathematics 203.

319. INDUSTRIAL PSYCHOLOGY
Prerequisite, 211, and Mathematics 203.

323. PERSONNEL TESTING
Prerequisite, 211, and Mathematics 203.

330. ADVANCED EXPERIMENTAL PSYCHOLOGY
Prerequisite, 315.

338. SOCIAL PSYCHOLOGY
Prerequisite, 211, and Sociology 209.

342. INTELLIGENCE TESTING
(Offered each semester) Prerequisite, 211, 323.

343. ADVANCED TESTING
Prerequisite, 315, 342.

345-346. ADVANCED TESTING WORKSHOP
(A total of eight credits may be taken in this course) Prerequisite, 342.

411. ABNORMAL PSYCHOLOGY
Prerequisite, 211, 226 and consent of instructor.

412. SYSTEMATIC PSYCHOLOGY
Prerequisite, 211, 315-316, 342.

420. INDUSTRIAL COUNSELING
Prerequisite, 319.

440. PROBLEMS IN PSYCHOLOGY
(A total of two credits may be taken in this course) Prerequisite, eighteen hours of Psychology.
RELIGION
Mr. Stewart, Mr. Pitcher

101. INTRODUCTION TO RELIGION
Mr. Pitcher. 3

111. THE OLD TESTAMENT
Mr. Stewart. 3

112. LIFE OF JESUS
Mr. Stewart. 3

114. THE TEACHINGS OF JESUS
Prerequisite, 112, or consent of instructor.
Mr. Stewart. 3

115. PRINCIPLES OF RELIGIOUS EDUCATION
The principles, problems, and programs of religious education as carried on by the local church and community.
Mr. Stewart. 3

116. THE MODERN CHURCH SCHOOL
The organization, administration, and aims of the Church School.
Mr. Stewart. 3

205-206. FIELD WORK IN RELIGION
(Open to freshmen without credit) Work in religion undertaken by Denison students.
Mr. Stewart. 1

211. OLD TESTAMENT: THE PROPHETS
(Continuation of 111) Prerequisite, 111, or consent of instructor.
Mr. Stewart. 3

212. THE EARLY CHURCH
To the end of the Apostolic Age. Prerequisite, 112, or consent of the instructor.
Mr. Stewart. 3

217. THE FAITHS OF MANKIND
Origin of religion, nature of primitive and classical religions, history of contemporary non-Christian faiths.
Mr. Stewart. 3

221. THE BIBLE AS LITERATURE
The writing, preservation, and translation of the Bible; Hebrew literary forms; the masterpieces of Biblical literature.
Mr. Stewart. 3

301. MODERN RELIGIOUS PROBLEMS
A study of religious problems confronted by undergraduate thought.
Mr. Pitcher. 3

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

311. METHODS OF TEACHING RELIGION
The principles and methods of pedagogy applied to the teaching of religious subjects. Prerequisite, 115.
Mr. Stewart. 3
312. STORY-TELLING AND DRAMATIZATION  
Mr. Stewart. 3  
Their use in religious education.

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

SOCIOLOGY  
Mr. Detweiler, Mrs. Vreeland, Mr. Boyer  

Required of all major students, Sociology 210, 222, 420, and Economics 211-212 or 213-214, and either a year of Mathematics or the reading knowledge of a foreign language.

209-210. INTRODUCTION TO SOCIOLOGY  
Mr. Boyer, Mrs. Vreeland. 3  
(Open to freshmen only on consent of instructor) Principles of Sociology and problems. The American way of life.

211. CRIMINOLOGY  
Mr. Detweiler. 3  
The origin of criminal behavior and its meaning 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, and Russians with other Slavs. Prerequisite, Geology 232.

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.

113-114. ORAL READING 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.

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.

211-212. ELEMENTS OF SPEECH 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.

219. INTERCOLLEGIATE DEBATING Mr. Crocker. 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. 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  

311. THE TEACHING OF SPEECH  
Mr. Crocker. 2  
History of rhetorical thought, psychology of language, phonetics, the text, collateral reading, the shaping of speech curriculum, the leading of the class hour. Counts also toward Education credit. Prerequisite, Education 211, 321; Psychology 211.

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.

THEATRE ARTS  
Mr. Edward A. Wright, Mrs. Collison

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  
Mr. Wright, Mrs. Collison. 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. 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, Ms. Collison.  3
(Both semesters required for credit.) 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  Mrs. Collison. 2-3
Actual practice in all phases of designing, building, and painting scenery.

224. STAGE LIGHTING  Ms. Collison. 2
Theory and practice in the proper use of lights in present day Theatre.

225. CONTEMPORARY THEATRE  Mr. Wright, Ms. Collison. 2
Attendance at outstanding productions in New York during the Christmas or spring vacation, preceded by class meetings once a week to study contemporary productions and followed by a written report of the productions seen. Estimated cost of trip, exclusive of tuition, $60 to $75. Prerequisite, consent of instructor.

227-228. ACTING FOR BEGINNERS  Ms. Collison. 2
Acting experience in class work and studio productions. Emphasis on stage principles, traditions and character-creation, emotional interpretation, and projection. Prerequisite, 113 or 215 or taken concurrently.

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

301. MINOR TECHNICAL PROBLEMS  Mr. Wright, Ms. Collison. 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 and who wish to do more advanced and individual work. Prerequisite, consent of instructor.

315. THEORY OF THE THEATRE  Mr. Wright, Ms. Collison. 3
The analysis and comparison of the philosophies of outstanding leaders of the theatre and motion pictures with emphasis on the student’s development of his own philosophy of the theatre as an art form. Prerequisite, twelve hours of Theatre Arts.
316. PSYCHOLOGICAL CHARACTER ANALYSIS  Mr. Wright. 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, Mrs. Collison. 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, Mrs. Collison. 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 1935 to date. Fellow of American Guild of Organists.

SAM GELFER

Instructor in Music

VIOLIN

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

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

University Organist
Associate Professor of Music

ORGAN AND THEORY

Graduate of 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 Bethel Academy and Peabody Conservatory; post-graduate study at New England Conservatory and Juilliard Foundation; instructor at Maryland School for the Blind and at Occidental
CONSERVATORY OF MUSIC

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.

Morton Schoenfeld, Mus.B., Mus.M.
Instructor in Music

Piano
Graduate of Rollins College, 1943; Graduate student, University of Wisconsin, 1944; fellowship at Juilliard Graduate School; debut in Town Hall, New York, February 19, 1945; pupil of Carl Friedberg and David Saperton; instructor at Mason College of Music and Fine Arts, Incorporated, Charleston, West Virginia, 1944-45.

Ernest G. McClain, Sch.Mus.B., Mus.M.
Instructor in Music Education
Graduate of Oberlin Conservatory of Music, 1940; graduate student at Northwestern University, Evanston, Illinois, 1946.
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 this catalog. (See page 87.)

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.
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 litera-
ture. 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 stud-
ies by Mazas (Opus 36), Kreutzer, or Fiorillo, and compositions by
DeBeriot, Vieuxtemps, Viotti, Rode and Haydn. The senior examina-
tion 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

These entering this department for the first time will be pri-
marily 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 and Schubert's Mass in E flat Major have
been given in recent years.
DEGREES CONFERRED JUNE 17, 1946

HONORARY DEGREES

WALTER WILLIAM VAN KIRK, Doctor of Laws
FRANKLIN GRANT SMITH, Doctor of Laws

THE DEGREE OF BACHELOR OF ARTS WITH HONORS

JOYCE CLARK, Mathematics Theory of Groups of Finite Order

JEAN ALICE GALLOWAY, Psychology-English A Psychological Analysis of the Works of Fyodor Dostoyevsky, Marcel Proust, James Joyce, Virginia Woolf, and Thomas Wolfe

HELEN WILHELMINA GERSTNER, Psychology Relationship Between Test Scores and Job Success

ELIZABETH JANE HOLLER, Psychology Personality Differences Between Institutionalized and Non-Institutionalized Adolescents

LENNÀ LORÉE KLEIN (as of 1945), Biology The Development of Nerves in Pig Embryos of 10 to 30 millimeters

SUZANNE DUPUY LITTELL, Psychology The Role of Suggestibility in Susceptibility to the Size-Weight Illusion and the Phenomenon of Autokinetic Streaming

NANCY VIRGINIA MATTHEWS, Mathematics The Historical Development of Non-Euclidean Geometry

BETTY JANE OESTMANN, Chemistry The Spectrograph and Its Use in Spectrochemical Analysis

MARY JANE OESTMANN, Chemistry Basic Theorems of Calculus: A Study in Modern Notation (Honors in Mathematics)

MARY JEANNE VAIL, Spanish The Poetical Works of Ruben Dario and the Writers Who Influenced Him
THE DEGREE OF BACHELOR OF ARTS

Agnes Louise Amos
Jean Evelyn Amos
Sarah (Brown) Angel
Bernard Carrothers Avery
Stephen Paul Bailey
Mary Nancy Barrington '45
Mahala Yvonne Bates
Laverne Theodore Beiermann
Louise Maurine Beverly
Arthur Floyd Boon '45
J. Thornton Boswell
George Anthony Brennan, Jr.
Grace Eleanor Brewer
John Findley Brown
Jean Elizabeth Browne
Betty Jean Brownlee
James Frederick Brucklacher '45
Barbara Ruth Burkholder
Alice Claire Byall
Elizabeth Browne Camlin
Patricia Estelle Carruthers
Edward Lee Caswall '45
Andrew Carl Cecere '45
Kenneth Howard Chard
John Milton Clinger, Jr.
Robert Frank Cooper
Carolyn Jane Coulthurst
John Hensley DeTar
Joyce Elaine DeVerna
Max Victor Downing
Stanley Dubrin
Gerald Eugene Dupler
Mary Louise Dyer
Jean Louise Eberhart
Eleanor Jane Eynon '45
Norma Florence Fanslow
Lucile Helen Feller
Jean Catherine Fetter
Richard Johnston Fogle
Gloria Ann Freer
Sydney Toyoki Fujita '45
Evelyn Rose Gair
Mary Jean Gard
George Caswell Glass '45
Lois Shelley Good
Mary Ellen Grace
Granville Greenwold
Betty Lou Gregg
Paul Raymond Hackett '45
Charles DeWitt Hall
Rosemary Hall
William Hamelberg, Jr.
Lois Jean Hancock
Richard William Hansen
Mary Jane Harding '45
Beatrice Perrett Hartman
Hazel (Wallace) Hayden
Angeline M. Heffner
Edward Pinkheimer Heineman
Frank Robert Holter '45
Helen VanDeren Howe
Patricia Anne Hudson
Mary Florence Jackson
Carol Jacquet
Mary Sue Jarrett
Doris Jefferson
Dorothy Marguerite Jenkins
Robert Travis Jensen
Marjorie (King) Johnson
Natalie (Bean) Johnson '45
Ann Jossman
Howard Neil Karp
Carolyn Rose Kearns
Margaret Gene Kennard
Geraldine Gertrude Kimball
Joseph Augustus King '45
Chester Leroy Klein, Jr. '45
Martha Ellen Klemm
Earl Tecumseh Knaus '45
Carol Ann Koch '45
Ellen Kroehle
Patricia Ann Kuhl
Robert Horn Lawrence
Harold Bernard Leppink
Marion Elizabeth McCracken
Elmina Elizabeth McCurdy
Jean Elizabeth McGowan '45
Jeannne Eleanor McLaren '45
William Lorenzo Meacham '45
Marian Legler Mickethwaite
Audrey Middleton
Kathryn Virginia Moore
John Scott Moorehead '44
Harriet Summers Munroe
Helen Mural
Robert Roland Murphy
Jo Ann Kathryne Myers
William Mackie Myers, Jr.
Betty Jane Neff
Robert Greenbury Neff
Thomas Royal Newitt
Seth Pershing Norman '45
Simeon Robert Payne '45
William Harold Peirce
Lois Margaret Raine
James Thain Raymond '45
Jeanne Redfield
Melvin Dale Rein
James Samson Riddle
Eleanor Frances Roberts
Howard Gale Robinson, Jr.
William Albert Roby
Susan Williams Rockwood
Owen Abram Rood, Jr. '45
William James Rucker '45
Madelyn Ann Schreiner '45
Katherine Virginia Schroeder
Nancy Ann Schwarz
Jean Aemilie Scott
Joseph Robert Serra '45
Arthur McClelland Simpson
Betty Jeanne Snyder
Lois Anne Sook
David Joseph Spangler
George Pickering Stelzer
Jean Sternberg
Mary Jane Stoddard
Marcia Edith Sweetman
John Henry Thiele '45
Mary Trout
Mary Rose Truter
James Charles Vadakin
Marjorie Elizabeth VanNest
Jeannne Frances VanSant
David Wesley Wardell
Roger Joel Waybright '34
Jean Wells Westcott
Jean Williams
Joseph Bates Wise
Lois Jane Wood
Evelyn Lucile Woosley
Charles Frederickson Wright
Joy Lucinda Wright
Samuel Lee Xanders

THE DEGREE OF BACHELOR OF MUSIC

Irma Ruth Evans
Tom Marion Landfear
Beverly Esther Podlesney

ELECTION TO MEMBERSHIP IN PHI BETA KAPPA

CLASS OF 1946

*Joyce Clark
*Jean Galloway
Patricia Hudson

*Betty Jane Oestmann
*Mary Jane Oestmann
*Jeanne Vail

*Elected in junior year.
Leah Ashbrook
*Marcia Wood
*Ruth Miesse
*Martha Sturm

HONORS

GENERAL HONORS

Joyce Clark
Jean Galloway
Betty Jane Oestmann
Mary Jane Oestmann
Jeanne Vail

HONORS AND PRIZES AWARDED IN 1945-46

Samson Talbot Bible Reading Contest
Betty Rupp, first
Jean Brokaw and Louis Raymond, Jr., tied for second

Lewis Literary Prize Contest
George Kanouse, first
Frank Denes, second
Granville Greenwold, fourth (in 1943 and 1945)

Millard Souers, third
Richard Ward, fourth

Eliza Smart Shepardson Scholarship in Music
Ruth Evans (in 1943-44)
Beverly Podlesney (in 1943-46)

Ebenezer Thresher Scholarship for Freshman Man with Highest Average
Jack Bertsch and Henry Dixon tied

John L. Gilpatrick Scholarship for Excellence in Mathematics
Mary Jane Oestmann and Joyce Clark tied

Woodland Prizes in Chemistry
William Loranger and Robert G. Anderson, Jr., tied

Freshman Chemistry Medal
Phyllis Mae Early

Chi Omega Sociology Prize
Martha Klemm

*Elected in junior year.
Gertrude Carhartt Brelsford Memorial Scholarship in Music
Paul Hackett (in 1944-45) Antoinette Stornelli (1944-46)

Ray Sanford Stout English Prizes for Prose Composition
Thea Wise, first George E. Johnson, second

Cora Whitcomb Shepardson Scholarship in Art
Lois Wood (in 1944-45) Patricia Fleck (in 1944-46)

Daniel Shepardson Memorial Scholarship for Christian Service
Jean Browne (in 1945-46) Ruth McCullough (in 1946-47)

Annie M. MacNeill Poetry Prizes
Marjorie Little, first Betsy Wallace, second

Presser Foundation Scholarship for Music
Beverly Podlesney and Josephine Sook

Laura F. Platts Scholarship for Service
Jean Browne

Sigma Delta Pi Medals for Excellence in Spanish
Jeane DeGarmo Edwyna Osborne
Jean McDonnell Nancy Rapp
James W. Neeland Suzanne Thieme
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Abell, Norman, Sr.</td>
<td>Granville</td>
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<td>Ackley, Norma, Jr.</td>
<td>Massillon</td>
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<td>Adams, Clifford, Sr.</td>
<td>Marion</td>
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<td>Adams, Richard, Sr.</td>
<td>Granville</td>
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<td>Agler, Patricia, Sr.</td>
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<td>Abershaidt, William, So.</td>
<td>Columbus</td>
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<td>*Alden, Jonathan, Sr.</td>
<td>Lakewood</td>
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<td>Allard, Joan, Jr.</td>
<td>Indianapolis, Ind.</td>
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<td>Allen, Edward, Jr.</td>
<td>Newark</td>
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<td>Altemeyer, Lois, Sr.</td>
<td>Oak Park, Ill.</td>
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<td>Altmuth, Ethel, Fr.</td>
<td>Wellston</td>
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<td>Anderson, Lois, Jr.</td>
<td>Shaker Heights</td>
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<td>*Anderson, Robert, Sr.</td>
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<td>Andrews, Phillips, So.</td>
<td>Dayton</td>
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<td>*Angus, Carolyn, So.</td>
<td>Cincinnati</td>
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<td>Applehof, Betty, Jr.</td>
<td>Detroit, Mich.</td>
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<td>*Appleton, Jean, Jr.</td>
<td>Pittsburgh, Pa.</td>
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<td>Armstrong, Charles, Fr.</td>
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<td>Arnold, Robert, Jr.</td>
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<td>Arnold, Sue, Fr.</td>
<td>Parkersburg, W. Va.</td>
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<td>Ashbrook, James, Sr.</td>
<td>Scarsdale, N. Y.</td>
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<td>*Ashbrook, Leah, Sr.</td>
<td>Johnston</td>
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<td>Ashbury, Robert, So.</td>
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<td>Atwell, Donald, So.</td>
<td>Sewickley, Pa.</td>
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<td>Austin, Mary Jane, So.</td>
<td>Akron</td>
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<td>Baker, Nancy, Sr.</td>
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<td>Bagnall, Carolyn, Jr.</td>
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<td>Bailey, Janet, Jr.</td>
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<td>Baker, Barbara, Sr.</td>
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<td>Baldwin, Jane, Fr.</td>
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<td>Barb, Lewis, So.</td>
<td>Hebron</td>
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<td>*Bardeen, Janice, Jr.</td>
<td>Penn Yan, N. Y.</td>
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<td>Barnes, Melvin, Jr.</td>
<td>Norwalk</td>
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<td>Barth, Suzanne, Sr.</td>
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<td>Baschen, John, Fr.</td>
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<td>Batteau, Barbara, Jr.</td>
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<td>East Palestine</td>
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<td>Mount Vernon, N. Y.</td>
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<td>Bawden, Barton, Fr.</td>
<td>Stockton, Calif.</td>
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<td>Kenmore, N. Y.</td>
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<td>Brattleboro, Vt.</td>
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<td>Ironton</td>
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Morton, John, Sr. — Sandusky  
Morton, Margaret, Sr. — Sandusky  
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Munn, Barbara, So. — Detroit, Mich.  
Murrine, James, So. — Columbus  
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Myers, Nancy, So. — Sacramento, Calif.  
Napier, Ann, Jr. — Evanston, Ill.  
Neal, Benjamin, So. — Council Bluffs, Ia.  
Neal, Joseph, Fr. — Wadsworth  
Neel, James, So. — Granville  
Neel, Richard, Jr. — Maplewood, N. J.  
Neely, Thelma, Fr. — Rochester, N. Y.  
Neely, Mary, Jr. — Hinton, W. Va.  
Neill, Gerald, Sr. — Columbus  
Nettercut, Gordon, Fr. — Elyria  
Nettle, Margery, (Wilkins) — Port Huron, Mich.  
Neubauer, Joy, Sr. — Yonkers, N. Y.  
Nevin, David, Jr. — Chicago, Ill.  
Newell, Frances, Sr. — New York  
Newkirk, Richard, So. — New York  
Nicholas, Robert, Fr. — Rockville Centre, N. Y.  
Niemitz, Catherine, Jr. — Cincinnati  
Nieth, Rosemary, So. — Loveland  
Noel, Hazel, So. — Mansfield  
Norman, Helen, Jr. — Evanston, Ill.  
Nydal, James, Jr. — Granville  
Oakes, Carolyn, Jr. — Chicago, Ill.  
O'Brien, Marlan, So. — Oak Park, Ill.  
O'Brien, Maude, So. — Gallipolis  
O'Dea, William, Jr. — Akron  
Oestman, Harriet, Jr. — Burlington, Wis.  
Offenhiser, Virginia, Fr. — attendance, Ill.  
O'Hara, Jacques, Fr. — Wellsville  
*Olney, Carolyn, So. — Pueblo, Co.  
Olney, Lorene, Fr. — Waltham, Mass.  
Onderdonk, William, Fr. — North Starrytown, N. Y.  
Orcutt, Whitmer, Jr. — Euclid  
Orr, Stanley, So. — East Cleveland  
Orwig, Alice, So. — Toledo  
Osborne, Edythe, So. — Pittsburgh, Pa.  
Ostergren, Louise, Sr. — Watertown, Mass.  
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Owens, Phyllis, Jr. — Oak Park, Ill.  
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Page, Russell, So. — Granville  
Palmer, Constance, Jr. — Columbus  
Parker, Thomas, So. — Dayton  
Parr, Hedy, So. — Bronxville, N. Y.  
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Patric, Patricia, Sr. — Norwalk  
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STUDENT ENROLLMENT

PART-TIME STUDENTS 1946-47

*Battles, Mary (Osborne) — Newark
Bowman, Dianne — Columbus
Culver, John — Granville
Dentel, Emily (Beebe), Indianapolis, Ind.
Hoover, Margaret (Black) — Chicago, Ill.
Martin, Jeri — Newark

Rouskos, Patricia (Royster) — Grosse Pointe Farms, Mich.

*Schmidt, Helen (Ault) — Granville
Sheldon, Marion ( Bates) — Ashland
Sloan, June (MacDonald) — Toledo
Stratton, Morton — Granville

Zeller, Barbara, Jr. — Columbus
*Zimmerman, Matilda, Sr. — Detroit, Mich.

Wetstein, Louise, So. — Detroit, Mich.
Wheatley, Barbara, Sr. — Royal Oak, Mich.
Whipple, Frank, Jr. — Evanston, Ill.
Whitecomb, David, So. — Hiram
White, Eleanor, So. — Barnsville
White, Richard, So. — Granville
White, Thomas, Jr. — Granville
Whitt, Chester, Jr. — Granville
*Whitt, Marialu (Edwards), Ff. — Granville

*Wickenden, Ann, Jr. — Brunswick, N. Y.
Wicks, Marilyn, So. — Shaker Hts.
Wildermuth, Karl, Sr. — Granville
Wilkerson, George, Fr. — Columbus
Wilkerson, William, Jr. — Granville
Williams, Thomas Jerome, Jr. — Columbus
Williams, Thomas Joseph, Jr. — Salem
Willis, Warren, So. — Toledo
Willis, Jean, So. — Washington, C. H.
Willis, Robert, Fr. — Wellston
*Wills, Betty June, Jr. — Cleveland
Wilson, Gene, Jr. — Newton Centre, Mass.
Wintersberger, Lois, Jr. — Beaver, Pa.
Winston, Donald, Fr. — Columbus

Wood, John, Jr. — Toledo
Wood, Phillip, Jr. — Granville
Wood, Robert, Jr. — Toledo
Wood, Robert, Fr. — Granville
Wood, William — Granville
Wright, Shepard, Fr. — Demarest, N. J.
Wright, John, Jr. — Columbus
Wright, Marjorie (McCracken), Sr. — Granville
Wright, Mary, Sr. — Tecumseh, Mich.
Wright, Shepard, Fr. — Demarest, N. J.
Wrobelak, Chet, Fr. — Brooklyn, N. Y.
Wyatt, Dale, Sr. — Chicago, Ill.
Wyatt, Herbert, So. — Granville
Wyatt, Joan (Hay), So. — Granville
Wyler, Eugene, Jr. — West Lafayette
Wyllys, Patricia, So. — Evanston, Ill.
Yost, William, Jr. — Newark
Young, Mary Jo, Fr. — Wadsworth
*Youngblood, Charles, Jr. — Granville

Zeller, Barbara, Fr. — Columbus
*Zimmerman, Matilda, Sr. — Detroit, Mich.

Wetstein, Louise, So. — Detroit, Mich.
NON-COLLEGE STUDENTS IN CONSERVATORY

Brown, John                Granville
Canaday, Thelma            Johnstown
Castle, Margaret           Granville
Crocker, Laurence          Granville
Hall, Geraldine            Granville
Hall, Nadata               Granville
Hutchinson, Mrs. J. David   Granville
McConnell, Spencer         Granville
Mahood, Katherine          Granville
Reeder, Ellen              Granville
Roadarmel, Carolyn         Granville
Smith, Otto                Johnstown
Sowards, Myrtle            Granville
Taylor, Barbara            Granville
Toy, James                 Granville
Vermillion, Frederick      Newark

SUMMARY OF STUDENT ENROLLMENT
1946-1947
FIRST SEMESTER

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<td>196</td>
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<td>Total</td>
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<td>219</td>
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<td>793</td>
<td>1592</td>
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<td>Grand Total (exclusive of repetition)</td>
<td>637</td>
<td>581</td>
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*Two Part-time Women students registered for Music.
## STUDENT ENROLLMENT

### SUMMARY OF ENROLLMENT BY STATES AND FOREIGN COUNTRIES

First Semester 1946-1947

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<tr>
<td>Norway</td>
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</tbody>
</table>

| Total                  | 1,176 |
|                        | 1,176 |

| States represented by men only | 8     |
| States represented by women only | 8     |
| Total states represented | 16   |
| Foreign countries represented | 10   |

Grand Total

| Grand Total | 44 |
CORRESPONDENCE

It will greatly assist administrative officers at Denison if correspondence is addressed to the correct person as indicated below:

THE PRESIDENT . . . Matters of general interest.


THE DIRECTOR OF ADMISSIONS . . . Requests for catalogs and for information concerning entrance requirements for new students.

THE REGISTRAR . . . Requests concerning requirements for graduation, transcripts of credit, and evaluation of transfer credits.

THE DEAN OF WOMEN . . . Requests concerning rooms for women.

THE DEAN OF MEN . . . Requests concerning rooms for men.

THE BURSAR . . . Matters concerning payment of student bills.


THE DIRECTOR OF PUBLICITY . . . Matters concerning publicity and advertising.

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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

in Class to Date

(My own best estimate)

Highest Quarter

Second Quarter

Third Quarter

Lowest Quarter

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

Signed

Date

* * * * *

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

Mail at once to the Director of Admissions, Denison University, Granville, Ohio.

(over)
APPLICANT FOR ADVANCED STANDING AS TRANSFER STUDENT

College Attended

Address

Number of Years

Estimated Scholastic Average
Revision of Graduation Requirements

The following statement replaces page 52 of the Catalog and supplements the section “Curricular Revisions Being Adopted” on pages 58 and 59.

THE PLAN OF STUDY

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

This plan allows the student a wide range of choice under the guidance of teachers and administrative personnel. (See Counseling page 50.)

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 a student who majors in one of the natural sciences, (astronomy, biological sciences, chemistry, geography and geology, mathematics, psychology or physics) may, if he wishes, receive the degree, Bachelor of Science. To secure either of these degrees the student must at present satisfy the following conditions:

1. He must earn (under normal registration at Denison for eight semesters), from 126 to 130 credits, depending upon his requirements in physical education. This total must include credit in Physical Education (see section 1 below) and Chapel (see section 2 below), and 120 credits in
the Group Requirements or the Core Courses (see section 3 below), the Field of Concentration (see Catalog, page 53, section 2), and Elective Courses (see Catalog, page 53, section 3).

2. He must pass a comprehensive examination in his field of concentration (see Catalog, page 54, section 5).

3. He must show proficiency in English (see Catalog, page 54, section 6).

4. His work must conform to certain scholastic requirements (see Catalog, page 55, section 7).

1. Physical Education

Physical Education (a) women: one credit each semester in the freshman and the sophomore years (see description, Catalog page 93); (b) men: one credit each semester in the freshman year and, unless waived for proficiency, in the sophomore and junior years (see description of requirements, Catalog page 91). 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

If classes in the new courses can be offered for all who wish to take them, students registering at Denison in September, 1947, 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 on Catalog pages 53 and 54, or by earning credit in the new courses briefly described below.

Students 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 thus have four choices.
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.

Many of the new courses in general education will be offered in September, 1947, for a limited number of students on the optional basis outlined above.

Except as noted under the description of certain of the courses listed below, 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 listed below, 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.
THE 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, above.)

COMPOSITION

Written Composition 10a.

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 10b. (Elements of Speech) or 10c (Oral Reading) or 10d (Dramatic Interpretation).

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.

HISTORY OF CIVILIZATION

History of Civilization 21-22.

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.

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.

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.

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.

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


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.

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.)
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, 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


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.

* * *

MINOR REVISIONS OF FEES AND COURSE OFFERINGS

EXPENSES

Add to COST EACH SEMESTER in Catalog page 35 the following statement:

Each student is allowed one transcript of academic credits at no charge. For each additional transcript a fee of $1 is required.

ART

An additional course should be included with the listings in the Catalog page 62 as follows:

431. Methods of Public School Art.

Open only to majors in EDUCATION.

BIOLOGICAL SCIENCES

In the general statement preceding course descriptions in Catalog page 64 add:

Medical schools require a medical aptitude test in the senior year of undergraduate college work. Fee $5.
MUSIC

In the general statement preceding course descriptions in Catalog page 87 add:

Students who are candidates for a degree in applied music will pay the regular college tuition but not the additional charges for private lessons.

(This above statement should also be added to the CONSERVATORY FEES as described in Catalog page 35.)

PHYSICS

An additional course in Catalog page 97 should be listed as follows:

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.

TRANSDEPARTMENTAL COURSE

A revision of the course description of Problems of Peace and Reconstruction in Catalog page 61 follows:

300. Problems of Peace  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 reading may be arranged for one or two additional credits.