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For information concerning Granville and Shepardson Colleges

Address

CLARENCE M. EDDY, SECRETARY
Granville, Ohio

The Conservatory of Music

KARL H. ESCHMAN, DIRECTOR
Granville, Ohio

Doane Academy

H. R. HUNDLEY, DEAN
Granville, Ohio

Denison Summer School

ERI J. SHUMAKER, DEAN
Granville, Ohio

All gifts, legacies and bequests for any department of the University or any phase of its work should be made payable to

DENISON UNIVERSITY
Granville, Ohio.
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The University Calendar

1928

Spring Recess begins
Spring Recess ends
Memorial Day (holiday)
Final Examinations
Meeting of Board of Trustees
Alumni Dinner
President's Reception
Baccalaureate Sermon
Commencement Day

Friday
Monday
Wednesday
Monday-Thursday
Saturday
Saturday
Saturday
Sunday
Monday

Monday
April 9, 2 P.M.
May 30
June 4-7
June 9
June 9
June 9
June 10
June 11

SUMMER SESSION—June 14-August 11, 1928

COLLEGE YEAR 1928-1929

First Semester Opens
Freshman Week
Registration of Former Students
Registration of New Students
Classes Organized
First Convocation
Armistice Day
Thanksgiving Recess
Christmas Recess begins

Monday
Monday-Thursday
Wednesday
Thursday
Friday
Friday
Sunday
Thursday-Friday
Friday

Monday
September 10
September 10-13
September 12
September 13
Sept. 14, 8 A.M.
Sept. 14, 12 M.
November 11
November 29-30
Dec. 21, 4 P.M.

Christmas Recess ends
Mid-year Examinations
First Semester ends
Second Semester begins
Washington's Birthday (holiday)
(Founders' Day)
Spring Recess begins
Spring Recess ends
Memorial Day (holiday)
Final Examinations
Commencement

Monday
Tuesday-Friday
Friday
Monday
Friday
Monday-Thursday

Jan. 7, 8 A.M.
January 22-25
January 25
Jan. 28, 8 A.M.
February 22
March 29, 12 M.
April 8, 2 P.M.
May 30
June 3-6
June 10
Board of Trustees

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      2427 Auburn Avenue
Thomas W. Warner ................................................... Toledo
      Toledo Chevrolet Co.
Howard Lewis, A.B. .................................................. Toledo
      Nicholas Building
Grover P. Osborne, LL.D ............................................. Cincinnati
      1003 Chapel Street

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      215 W. Second Street
Professor Alfred D. Cole, A.M. ..................................... Columbus
      Ohio State University
Wallace H. Cathcart, B.S., L.H.D. ................................. Cleveland
      10700 Euclid Avenue
Professor Osman C. Hooper, A.M., L.H.D. ......................... Columbus
      Ohio State University
Willard D. Chamberlin ............................................... Dayton
      113 W. Monument Avenue
Col. Edward A. Deeds, B.S .......................................... Dayton
      Mutual Home Building
David E. Green, B.S., LL.B. ........................................ Cleveland
      1805 Guarantee Title Building
Alfred M. Colby, Ph.B. ............................................... Mansfield
      Dodge Motor Co.
PERCY L. WILTSEE, A.B. ...........................................Cincinnati
24 W. Ninth Street
CHARLES F. BURKE, Ph.B. ..............................................Brooklyn, N. Y.
144 Pierrepont Avenue

Class III—Term Expires June, 1930

JACOB R. DAVIES, A.M. ...........................................Newark
Trust Building
AMBROSE SWASEY, D.Eng., Sc.D., LL.D. ..................Cleveland
Warner & Swasey Co.
TORRENCE HUFFMAN ...........................................Dayton
119 N. Perry Street
VINTON R. SHEPARD, A.M. ...........................................Cincinnati
646 Main Street
418 S. 44th Street
REV. JOHN F. HERGET, A.M. ...........................................Cincinnati
Ninth Street Baptist Church
LEWIS R. ZOLLARS ...........................................Canton
300 Market Avenue
REV. J. LORING CHENEY, A.M., Ph.D. .........................Hebron
FRED D. BARKER, Ph.M., M.D. ...........................................Granville
JOHN C. HASWELL ...........................................Dayton
Dayton Malleable Iron Works
HOWARD OLMS TED, Ph.B. ...........................................Cleveland
1722 Keith Building
REV. W. H. GEISTWEIT, D.D. ...........................................Dayton
515 Grand Avenue
HORACE C. FEIGHT, Ph.B. ...........................................Dayton
Dayton Savings & Trust Co.
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David E. Green, Chairman

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Franklin G. Smith                   Edward A. Deeds

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Edward A. Deeds, Chairman....Term expires 1932
Willard D. Chamberlin........Term expires 1928
Frederick P. Beaver............Term expires 1929
Edward Canby....................Term expires 1930
John C. Haswell..................Term expires 1931

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Wallace H. Cathcart, Chairman

Alfred M. Colby                   Millard Brelsford
Cyrus S. Eaton                    Alfred D. Cole

Horace T. Houp

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Osman C. Hooper, Chairman         Vinton R. Shepard
Lewis R. Zollars                  Fred D. Barker

Committee on Endowment and Development
Edward A. Deeds, Chairman

Ambrose Swasey                    Cyrus S. Eaton
Herbert F. Stilwell               Franklin G. Smith

Committee on Doane Academy
David E. Green, Chairman

Tileston F. Chambers              Alfred D. Cole
Henry T. Crane                    Howard Lewis
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President

GEORGE F. MCKIBBEN, A.M., Ph.D.,
Professor Emeritus of the Romance Languages

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Professor Emeritus of English Literature and Rhetoric

BUNYAN SPENCER, A.M., D.D.,
Maria Theresa Barney Professor of Philosophy
Dean of Granville College

H. RHODES HUNDLEY, A.M., Sc.D.,
Professor, and Dean of Doane Academy

WILLIS A. CHAMBERLIN, A.M., Ph.D.,
Professor of Modern Languages

MALCOLM E. STICKNEY, A.M.,
Professor of Botany

PAUL BIEFELD, B.S., Ph.D.,
Professor of Astronomy and Director of the Swasey Observatory

FORBES B. WILEY, A.B., Ph.D.,
Benjamin Barney Professor of Mathematics

CLARENCE D. COONS, M.S.,
Henry Chisholm Professor of Physics

THOMAS A. LEWIS, A.B., Ph.D.,
Professor of Psychology

WILLIAM CLARENCE EBAUGH, B.S., Ph.D.,
Professor of Chemistry

WALTER LIVINGSTON, B.S.,
Professor of Physical Education

*Arranged in the order of appointment to present rank, the date of appointment in parenthesis.
ANNUAL CATALOGUE

KARL H. ESCHMAN, A.M., (1918)
Professor of Music and Director of the Conservatory

FREDERICK G. DETWEILER, A.M., Ph.D., (1921)
Professor of Sociology

L. RICHARD DEAN, A.M., Ph.D., (1921)
Eliam E. Barney Professor of Classical Languages

WESLEY MARSH GEWEHR, A.M., Ph.D., (1922)
Professor of History

ARTHUR WARD LINDSEY, M.S., Ph.D., (1922)
Professor of Zoology

KATE S. HINES, A.M.,
Librarian Emeritus

MARY E. DOWNEY, A.M., (1923)
Librarian

FRANK J. WRIGHT, A.M., Ph.D., (1924)
Professor of Geology

JOSEPH L. KING, A.M., Ph.D., (1924)
Professor of English

FREDERICK W. STEWART, A.M., B.D., (1924)
Professor of Christian Education

CHARLES F. WEST, A.M., (1925)
Professor of Political Science

HIRAM L. JOME, A.M., Ph.D., (1925)
Professor of Economics

HELEN A. BARR, A.B., (1926)
Professor of Physical Education

E. B. HAWES, M.S., (1926)
Professor of Education

BRUCE D. GREENSHIELDS, C.E., (1926)
Acting Professor of Engineering Science
DENISON UNIVERSITY

JOSEPH H. COMSTOCK, M.S., CAPT. INF., D.O.L., U. S. Army
Professor of Military Science and Tactics (1927)

FRED G. Boughton, A.B., D.D.,
Professor of Philosophy (1927)

ANNA B. PECKHAM, A.M.,
Associate Professor of Mathematics (1909)

AUGUST OEBRECHT, A.M.,
Associate Professor of Modern Languages (1914)

ANNIE M. MacNeill, A.M.,
Associate Professor of English (1921)

MIRIAM AKERS, A.M.,
Associate Professor of Greek (1924)

ERI J. SHUMAKER, A.M.,
Associate Professor of English (1926)

JESSIE D. CRAWFORD, A.M.,
Associate Professor of Christian Education (1926)

W. ALFRED EVERHART, M.S.,
Associate Professor of Chemistry (1927)

EVERETT P. JOHNSTON, A.M.,
Assistant Professor of Public Speaking (1915)

FANNIE JUDSON FARRAR
Assistant Professor of Music (1924)

RICHARD H. HOWE, M.S.,
Assistant Professor of Physics (1924)

ALMA B. SKINNER, A.M.,
Assistant Professor of Modern Languages (1924)

FRANCES BABCOCK CRESSY, A.B.,
Assistant Professor of Latin (1924)

JOHN LARMORE, A.M.,
Assistant Professor of English (1924)
ANNUAL CATALOGUE

John Farmer Brinson, First Lieut. Inf., D.O.L., U.S. Army
Assistant Professor of Military Science and Tactics (1925)

Edson Rupp, M.S.,
Assistant Professor of Mathematics (1925)

Sebastiano E. Moncada, A.M., Sc.D., (Genoa) (1926)
Assistant Professor of Modern Languages

Thelma Overturf Neptune, A.M.,
Assistant Professor of Education (1926)

Sidney Jenkins, B.S.,
Assistant Professor in Physical Education (1927)

Danner Lee Mahood, M.S.,
Assistant Professor of English (1927)

Paul Green, A.B.,
Assistant Professor of English (1927)

George D. Morgan, M.S.,
Assistant Professor of Zoology (1927)

Harry Wilhelm, B.S.,
Assistant Professor in Physical Education (1927)

Mary Reckard Fitch
Instructor in Voice (1919)

William M. Wells,
Instructor in Violoncello (1924)

Mattie Tippet, M.S.,
Instructor in Mathematics (1924)

F. Dewey Amner, A.M.,
Instructor in Modern Languages (1925)

Helen I. Badenoch, B.S.,
Instructor in Physical Education (1925)

Muriel S. Richardson, A.B.,
Assistant in Library (1925)
Denison University

Florence Irwin, A.B., Assistant in Library (1925)

Samuel Gelfer, Instructor in Violin (1925)

Paul Henderson, B.S., Instructor in Engineering Science (1926)

Jessie Boland, A.B., Instructor in Physical Education (1926)

Allan Faber Schirmer, B.Mus., Instructor in Voice (1926)

Thomas Rogers, B.S., Instructor in Physical Education (1926)

R. Fred Chambers, A.M., Instructor in History (1927)

William N. Felt, A.B., Instructor in Modern Languages (1927)

Brayton Stark, Instructor in Organ (1927)

Elizabeth Wood, A.M., Instructor in Education and Psychology (1927)

Melvina Summers, Ph.B., Instructor in Piano (1927)

John H. Gill, Instructor in Wind Instruments (1927)

Josephine Speicher, A.B., Instructor in Public School Music (1927)
Officers of Administration

Avery Albert Shaw, A.M., D.D.,
President

Bunyan Spencer, A.M., D.D.,
Dean of Granville College

Clarence M. Eddy, A.B.,
Secretary of the University

Clara T. Brumback, Ph.B.,
Acting Dean of Shepardson College

Elmer E. Hopkins, A.B.,
Treasurer

H. Rhodes Hundley, Sc.D.,
Dean of Doane Academy

Clarence D. Coons, M.S.,
Business Manager

Eri J. Shumaker, A.M.
Dean of Summer School

Donald R. Fitch, M.S.,
Registrar

J. D. Thompson, M.D.,
Physician

W. R. Hosick, M.D.,
Physician

C. J. Loveless, M.D.,
Physician

Russel H. Williams, M.D.,
Physician

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DENISON UNIVERSITY

LOIS R. CAMPBELL, R.N.,
Nurse

MARTHA GEACH,
Assistant to Treasurer

MARY K. GEACH, B.Ph.,
Assistant to Secretary

CLARISSA C. ARNDT,
Assistant to President

JOHN BJELKE, A.M.
Secretary Society of the Alummi

RALPH E. PEARSON, B.S.,
Director of Publicity and Information

MRS. ALICE K. HERRICK,
Matron of Shepardson College

MRS. LAURA SWARTZ,
Director of Shepardson Commons

MRS. N. H. OVERTURF,
Assistant to the Registrar

MRS. ELIZABETH BIGGS
Matron of Shepardson College

GRACE M. CHAMBERLIN
Assistant to Treasurer

ESTHER FEAR, A.B.,
Secretary to Dean of Granville College

WINIFRED GILL
Secretary to Acting Dean of Shepardson College

HENRYETTA LOGAN
Assistant to Director of Shepardson Commons
Committees of the Faculty, 1927-1928*

A. A. Shaw
C. M. Eddy

Executive Council

C. T. Brumback
W. A. Chamberlin
B. Spencer
H. R. Hundley

Committee on Absences

B. Spencer
W. A. Everhart

C. M. Eddy

F. W. Stewart
M. Tippet
C. T. Brumback
A. B. Skinner
L. R. Campbell

Committee on Admission

P. Biefeld
B. Spencer
C. T. Brumback

Committee on Advanced Degrees

M. E. Downey
W. A. Chamberlin

Committee on Athletics

C. D. Coons (3 yrs.)
H. L. Jome (2 yrs.)
E. J. Shumaker (1 yr.)

M. Tippet (3 yrs.)
L. R. Campbell (2 yrs.)
C. T. Brumback (1 yr.)

W. J. Livingston
H. Barr

Committee on Budget

A. A. Shaw
C. D. Coons

F. J. Wright
F. W. Stewart
W. A. Chamberlin

Committee on Catalogue

W. A. Chamberlin
F. G. Boughton

J. L. King
D. R. Fitch

Committee on Chapel

J. L. King
B. Spencer
C. T. Brumback

Committee on Community Service

C. D. Coons
Capt. J. H. Comstock

J. L. Bjelke
L. Swartz
H. L. Jome

W. M. Gewehr
A. Odebrecht

Committee on Curriculum

F. G. Detweiler
T. A. Lewis

A. W. Lindsey
A. B. Peckham

F. J. Wright
B. Spencer

*The first member named is Chairman of the Committee.
Committee on Debate and Oratory
C. F. West (3 yrs.) C. T. Brumback (2 yrs.)
L. R. Dean (2 yrs.) A. MacNeill (1 yr.)
E. P. Johnston (1 yr.)

Committee on Fraternities
B. Spencer F. G. Detweiler, Lambda Chi
W. A. Chamberlin, Sigma Chi Alpha
E. C. Rupp, Beta Theta Pi C. F. West, Sigma Alpha Epsilon
D. L. Mahood, PhiGamma Delta F. J. Wright, Alpha Theta Sigma
A. Odebrecht, Kappa Sigma T. A. Lewis, Pi Kappa Epsilon
J. F. Brinson, Phi Delta Theta F. B. Wiley, American Commons Club

Committee on Freshman Orientation
W. C. Ebaugh E. J. Shumaker W. J. Livingston
B. Spencer C. T. Brumback H. Barr

Committee on Library
A. A. Shaw T. A. Lewis (1 yr.)
F. B. Wiley (3 yrs.) M. E. Downey
L. R. Dean (2 yrs.)

Committee on Music
K. H. Eschman (1 yr.) F. G. Detweiler (3 yrs.)
E. P. Johnston (2 yrs.) M. R. Fitch (2 yrs.)

Committee on Plays and Musical Performances
J. L. King A. M. MacNeill
F. G. Boughton

Committee on Registration
D. R. Fitch B. Spencer C. T. Brumback
F. B. Wiley M. B. Cressey

Committee on Research
W. C. Ebaugh A. W. Lindsey
F. J. Wright
P. Biefield M. E. Stickney W. M. Gewehr

Committee on Rules and Regulations
K. H. Eschman E. C. Rupp
C. T. Brumback
A. M. MacNeill B. D. Greenshields
Committee on Schedule

P. Biefeld
M. Akers

C. D. Coons
A. W. Lindsey

Committee on Summer School

E. J. Shumaker
D. R. Fitch

E. B. Hawes
L. R. Dean

F. B. Wiley
C. D. Coons

Committee on Student Affairs

L. R. Dean
F. B. Wiley

B. Spencer
M. Tippet

C. T. Brumback
A. B. Skinner

Committee on Student Aid

C. M. Eddy
B. Spencer

C. T. Brumback
A. K. Herrick

E. E. Hopkins
H. R. Hundley

Committee on Student Publications

J. L. King (3 yrs.)
A. M. MacNeill (2 yrs.)

A. Odebrecht (1 yr.)

Committee on Teaching Appointments

E. B. Hawes
A. M. MacNeill

T. O. Neptune

Committee on Vocational Guidance

T. A. Lewis
F. J. Farrar

J. D. Crawford
C. F. West

K. H. Eschman
Faculty Members of the Boards of Control

Board of Control of Athletics

MEN
C. D. Coons, elected for 3 years...Term expires March, 1930
H. L. Jome, elected for 2 years...Term expires March, 1929
E. J. Shumaker, elected for 1 year...Term expires March, 1928

WOMEN
M. Tippet, elected for 3 years...Term expires March, 1930
L. R. Campbell, elected for 2 years...Term expires March, 1929
C. T. Brumbauck, elected for 1 year...Term expires March, 1928

Board of Control of Debate and Oratory

MEN
C. F. West, elected for 3 years...Term expires March, 1930
L. R. Dean, elected for 2 years...Term expires March, 1929
E. P. Johnston, elected for 1 year...Term expires March, 1928

WOMEN
C. F. West, elected for 3 years...Term expires March, 1930
C. T. Brumbauck, elected for 2 years...Term expires March, 1929
A. M. MacNeill, elected for 1 year...Term expires March, 1928

Board of Control of Music

MEN
F. G. Detweiler, elected for 3 years...Term expires March, 1930
E. P. Johnston, elected for 2 years...Term expires March, 1929
K. H. Eschman, elected for 1 year...Term expires March, 1928

WOMEN
F. G. Detweiler, elected for 3 years...Term expires March, 1930
M. R. Fitch, elected for 2 years...Term expires March, 1929
K. H. Eschman, elected for 1 year...Term expires March, 1928

Board of Control of Student Publications
(One board serves for both men and women)

J. L. King, elected for 3 years...Term expires March, 1930
A. M. MacNeill, elected for 2 years...Term expires March, 1929
A. Odebrecht, elected for 1 year...Term expires March, 1928
DENISON UNIVERSITY

HISTORY

Denison University had its foundations in deep religious convictions. It grew out of the desire of the Baptist denomination in Ohio for a well-educated ministry to lead their work in an era marked by great expansion in religious and material life. This aspiration led to the organization of the Ohio Baptist Education Society in 1830, with the express aim of providing a school of higher learning. At the Society's first annual meeting, at Lancaster on May 26, 1831, the decisive step in founding such an institution was taken by the appointment of trustees and by choosing Granville, a town noted for its moral tone, as its location. The "Granville Literary and Theological Institution," so named in its first charter, opened its doors on December 13, 1831, occupying temporarily the Baptist Church on the present site of the Conservatory of Music. The purpose of the founders, as expressed in an address of the next year, was "to furnish the means of obtaining a thorough classical and English education, which shall not be inferior to what can be obtained in any institution, of whatever name, in the western country."

The enterprise embraced at first some features of an agricultural college, occupying a farm one mile southwest of town. But these features were soon abolished as impractical in connection with collegiate instruction. The theological department was also subsequently abandoned. In 1845 the name was changed to Granville College.

In 1855 the present site on the hill north of town was secured and the college was moved to the new location. This was the beginning of more rapid growth. A small endowment fund was raised, and the name was changed to Denison University. The University was fortunate in having in the Faculty and the Board of Trustees men of faith and courage, who brought it successfully through the trying experiences of the early years.
In the period following the Civil War the University grew more rapidly. The endowment fund was doubled, reaching the sum of $100,000, and several buildings were added to the equipment. The curriculum was extended, and faculty and students increased in numbers.

In the next year after the founding of the institution for young men, a private school for young women was organized. Mr. Charles Sawyer, a merchant of Granville, was instrumental in its establishment by erecting two buildings for the school on the present Shepardson campus. After existing more than fifty years as a private enterprise and being firmly established eventually by Dr. D. Shepardson, this school was turned over to the Baptist denomination in 1887 and affiliated with Denison. In honor of its donor, a zealous advocate of women's education, the new department was called Shepardson College for Women. An endowment was raised for its maintenance. In 1900 a closer union of the two institutions was effected by the co-ordination of Shepardson College with Denison University. Its students enjoy the same scholastic advantages as the men of Denison and receive the same recognition on completion of the course.

Provision was made for musical training by the organization of the Denison Conservatory of Music, a department complete in itself, but affiliated with the collegiate departments.

A preparatory department of the College has been maintained to furnish the training adequate for entrance to the higher courses. In 1895 this was definitely organized as a complete department and named Doane Academy. Its operations are suspended at present.

During the last thirty years the University has shared in the general intellectual stimulation and has expanded rapidly in material and scholastic resources. Its standing as one of the strategic institutions of the country has attracted private and public beneficences which have greatly increased its endowment fund and physical equipment. The endowment and other property have more than doubled in the last decade.
Denison University is a Christian institution in the sense that it is fostered by a religious denomination and that its entire life and management are dominated by religious motives. There is no attempt nor desire to force instruction into sectarian channels, and all advantages are freely offered without any religious distinction. The aim of the University is to provide a thorough college education under such influences as strengthen Christian faith and build up Christian character.

During the nearly one-hundred years of its existence, the University has been true to the religious and scholastic purposes of its founders. Its religious influence is marked by the large number of graduates who have given their lives to the Christian ministry and to the cause of home and foreign missions. In teaching and in other professions, as well as in commercial and industrial pursuits, Denison is worthily represented by many alumni.

Denison's record in the World War reflects the loyal spirit which has always characterized the institution during times of national stress. The University and its equipment were put at the service of the Government, and the work was adapted to military ends. Scores of students left the college halls for military camps, and hundreds of graduates entered into all branches of the Army and Navy. The record of their service forms an honorable chapter in the history of the University.

Dr. Avery A. Shaw was inaugurated as the twelfth president of Denison on October 21, 1927. The University is looking forward to the completion three years hence of the first century of its career. Extensive plans are being formed to make this centennial a notable occasion, indicative of the worthy standing of the institution.

LOCATION

Granville, the seat of Denison University, is known as a place of rare natural beauty. It is situated in a fertile valley, encompassed by hills of moderate altitude. The town is 27 miles
east of Columbus on one of the main thoroughfares of the state. It lies on the Toledo and Ohio Central Division of the New York Central Railway. It is reached by the Pennsylvania Lines and the Baltimore and Ohio Railroad at Newark, 20 minutes distant by "bus" service.

Auto-buses maintain regular schedules with Newark and with Columbus.

Granville is one of the oldest towns in the state, having been settled by colonists from Massachusetts in 1805. From these pioneers it received the features of New England life. High moral and intellectual ideals have always marked the place. Although small, the town enjoys many of the advantages of city life. It has well-equipped churches and modern civic activities.

Many improvements of a public and private nature during the past few years reflect the fine community spirit that prevails. Among these may be mentioned the Granville Inn and golf course, a public library, a memorial to one of the pioneer families, a centralized High School, a new post office, and the offices of the Ohio Baptist Convention, the center of the activities of the Baptist denomination of the state.

Several modern churches of different denominations serve the religious interests of the community.

In material equipment the town enjoys a pure water supply, a modern sewerage system, paved streets, an automatic telephone system, electric lighting for public and domestic purposes, and an adequate protection against fire.

GROUND AND BUILDINGS

ENDOWMENT AND PROPERTY

The total amount of property invested in Denison University is five million dollars. Three million dollars of this sum is in income-bearing endowment. The grounds, buildings and equipment are valued at two million dollars. Twenty-one major buildings are owned and occupied for purposes of instruction and residence.
College Hill, the site of the main buildings of the University, is approached by a winding avenue from the town. At the east entrance to the grounds is an ornamental terrace of brick, with walks leading on either side to the various halls and to the Library. From Shepardson Campus the entrance is through two colonial gateways of brick at either end of a semi-circular walk which leads to the Plaza on the south slope of the hill. These adornments and conveniences of the campus were supplied through the beneficence of Mr. E. J. Barney, LL.D.

A curving terrace, buttressed by an ornamental wall, leads across the brow of the hill in front of the President's House and Swasey Chapel. The College Avenue has been extended in winding drives to Beaver and Sawyer Halls on the east, and to the new fraternity houses on the north. An ornamental gateway and drive gives access from the north to Deeds Field and the campus.

The Campus

The campus of Denison University covers an area of 350 acres, having recently been greatly enlarged through the generosity of Colonel Edward A. Deeds, Vice-President of the Board of Trustees. Beginning on West Broadway, it extends one mile to the north, including hillside and valley, woodland and fields. The main axis is formed by a ridge of hills rising 1100 feet above sea level and affording a prospect unrivalled for beauty in the state. The new campus embraces two well-known pioneer estates; one, the Dustin farm, on which the historian, Hubert Howe Bancroft was born, and the other the Chapin place. This enlarged campus provides amply for the extensive building projects of the University, and furnishes adequate space for all forms of outdoor recreation. It is being developed according to well-considered plans of landscape architects. In addition to athletic fields a path three miles in length has been constructed, winding through woods and meadows, with rustic houses and equipment at different places for outdoor diversions. In all seventy-five acres are set aside for recreational purposes.
Residence Halls

Dormitories for Men—Two dormitories, Marsh Hall and Talbot Hall, together furnish accommodations for about one hundred and fifty men. They are four-story brick buildings, with modern conveniences, and are supplied with heat and light from the central power plant. Marsh Hall, which was partially destroyed by fire in 1918, has been fully reconstructed and is leased as the residence hall of the American Commons Club.

Shepardson Dormitories—Sawyer Hall and Mary Thresher Beaver Hall are the new dormitories opened for use two years ago. They are the first buildings to occupy the new site of Shepardson College. The two halls, identical in construction, are of the colonial style of architecture. The rooms are en suite and completely equipped. Each hall accommodates 65 students. Burton Hall, King Hall and Stone Hall, located at the foot of College Hill on the Shepardson quadrangle, facing Broadway, furnish accommodations for one hundred and twenty-eight young women, together with reception parlors, reading rooms, and apartments for Shepardson officers and faculty members. Parsons House, formerly the chapter lodge of Beta Theta Pi fraternity, has been renovated and rearranged for the accommodation of Shepardson students. All the halls and houses are supervised under uniform rules by teachers and matrons.

Shepardson Dining Halls—Shepardson Commons, erected in 1893, is the dining hall of the women students resident on or near the old campus. Gilpatrick House and Colwell House, former homes of two honored professors, are used as dining halls of the women resident in Sawyer and Beaver Halls.

Academic Halls

Barney Memorial Hall—This hall was built and equipped for the College by the late Eugene J. Barney, LL.D., of the Board of Trustees, in memory of his father, Eliam E. Barney, who was
one of the most generous and devoted supporters of the institution in its early days. Science Hall, as it is familiarly called, dating from 1894, was rebuilt in 1906, after being partially destroyed by fire. The new building is fireproof. It has four floors, consisting of laboratories, lecture rooms, special libraries and offices, principally for the departments of Physics, Geology and Engineering Science.

Doane Academy Hall.—This is a gift, in 1894, of the late Dr. W. H. Doane, member of the Board of Trustees. Although erected primarily for the Academy, much of its space is devoted at present to the College.

The Officers of Administration, including the President, the Secretary, the Registrar, the Treasurer, the Deans of the Colleges, and the Dean of the Academy, occupy offices on the first and second floors. The third floor consists of a large assembly room, seating about 500.

Talbot Hall—The two lower floors of this hall (see above) are taken up with class-rooms, laboratories and department offices.

Doane Library—The main University Library is housed in Doane Hall, a building presented by the late Dr. W. Howard Doane in 1879. It is open to instructors and students in all departments, with free access to the shelves. The overcrowded condition of the present building has brought about the establishment of special collections and reading rooms in many of the departments of the University.

Cleveland Hall.—This Hall was erected in 1904 with funds provided by certain Cleveland benefactors. It represents the care taken for the physical and social needs of the men students.

Swasey Gymnasium occupies the main part of the building. It consists of a large floor for athletic games, a running track, swimming pool and locker rooms.

Sherwin Hall is an auditorium for the meetings of the Young Men's Christian Association. Trophy Room is a commo-
dious hall, adorned with pictures, prizes and other souvenirs of inter-collegiate games.

Doane Gymnasium.—The gymnasium for the young women of Shepardson College was donated by Dr. Doane. It is equipped with swimming pool and has a large floor for class athletics and sports.

Swasey Observatory.—The Observatory was erected in 1909 through the generosity of Ambrose Swasey, Sc.D., former President of the Board of Trustees. It is of white Vermont marble and is equipped with modern astronomical instruments of the best quality.

Conservatory of Music.—The large residence of former Professor A. U. Thresher is used as the main building for the Conservatory of Music. It marks the site of the first Baptist Church built in Granville, in which the college was opened in 1831.

Recital Hall.—Adjoining the Conservatory is the Recital Hall arranged for the public musical recitals. It contains a pipe organ and grand pianos, and other appliances for entertainments.

Central Heating and Lighting Plant.—The University is equipped with a modern system of electric lighting and hot-water heating located in a central plant adjoining Cleveland Hall.

Swasey Chapel.—College Hill is crowned with this stately edifice, provided by the beneficence of Dr. Ambrose Swasey. It was dedicated April 18, 1924. It is colonial in style, faced with six Ionic columns supporting the portico. The graceful tower is electrically illuminated at night, and contains a set of chimes, in memory of Mrs. Swasey. The auditorium has a seating capacity of 1300. Complete appliances for religious services are provided, including a 3-manual Austin organ. Standing in the center of the group of buildings which the new Denison will occupy, Swasey Chapel typifies the supreme place of faith in the educational ideals of the College.
Denison Wigwam—This is a temporary structure used primarily for basketball. It has a large floor space and seats for 1650.

Chemistry Cottage—A plaster and stucco building 140'x52', one story high, erected in 1925-1926, houses the Department of Chemistry. Three large, well-equipped laboratories provide desk space for about 230 students. Lighting, ventilating and plumbing have received special attention. A lecture room with 91 seats is separated by rolling partitions from a recitation room seating 52 persons; in all 182 seats can be provided in the enlarged lecture room. A departmental reading room, an office, two private laboratories, balance room, store rooms, and lecture preparation rooms, give ample space for the activities of the Department.

Beaver Field

Through the generosity of Mr. F. P. Beaver, a member of the Board of Trustees, this athletic field was provided twenty-five years ago and was one of the first to be acquired by an Ohio college. It is used at present as auxiliary to Deeds Field.

Deeds Field

The new athletic field, named in honor of the donor, Colonel Edward A. Deeds, was dedicated November 4, 1922. The football field occupies a natural amphitheater under the shelter of College Hill. It is in the form of an oval, open towards the east, flanked by a concrete stadium with a seating capacity of 6000. The north side of the stadium is constructed so as to enclose a field house, containing dressing-rooms, shower-baths, lockers and other accommodations for the players. A cinder track borders the oval, and outside of this are cement walks, with concrete shelters on either side for the local and visiting teams. The varsity baseball field has been prepared on the lower terrace, and ample space is left on the north side of the campus for other sports. The eastern side has been recently laid out with an oval running track and a hockey field for the women's athletic department. By the development of
Deeds Field the ideal of every member of the University enjoying some form of daily exercise is now possible of realization.

**Future Buildings**

For several years prominent architects have been engaged on plans for the enlargement and beautifying of the University plant. Several new buildings are in contemplation for erection in the near future in order to keep pace with the expansion of the institution. It is hoped that by the centennial year of the University, three years hence, the enlarged physical plant of the new Denison will be realized. Provision is being made for the erection of the Helen Arnett Whistler Memorial Hospital, which will occupy a site on Prospect Hill, near the residence halls of the new Shepardson campus. Among the immediate and pressing needs of the institution are a new library building, which would add to the effectiveness of every department of instruction, a hall for class rooms, an administration building, and additional dormitories for women.

**Reserve Officers’ Training Corps.**

Denison is selected by the U. S. Government as one of the institutions in which a military department is established, by Act of Congress, June 3, 1916, for the training of Reserve Officers of the Army. Officers of the regular Army are stationed at Denison and a course in military science and tactics is established, covering four years of theoretical and practical work. Attendance at a summer training camp under actual military conditions is included, the Government furnishing transportation to and from the camp and clothing and subsistence while there. Uniforms and equipment are furnished by the Government. Commutation of rations at the present rate of 30c per day is allowed, and an additional allowance during attendance at camp is paid to all students during their third and fourth year in this course, making a total compensation of about $220.00 for the two years.
Successful graduates who accept commissions in the Officers' Reserve Corps are frequently placed on active duty at their own request for 45 days during the summer following graduation. Such Reserve Officers serve as instructors at Citizens' Military Training Camps and receive full pay and allowances of a Second Lieutenant, amounting to about $145 per month, and mileage at eight cents per mile for travel to camp from Granville and return.

The President of the University upon recommendation of the Professor of Military Science and Tactics may designate each year not to exceed 3 percent of the graduates of the Reserve Officers' Training Corps as Honor Graduates. Such Honor Graduates are commissioned Second Lieutenants of the Regular Army of the United States without mental examination, if they so desire, provided vacancies exist at the time of their graduation.

FRESHMAN WEEK

Several days during the opening week of the college year are devoted to familiarizing the freshmen with the aims and methods of college work. In the present year the program began with a dinner at The Wigwam, at which the freshmen were the guests of the University and had the most favorable opportunity of meeting one another and members of the Faculty. Meetings are held in groups, at which various aspects of college life are discussed. Tests of general intelligence and special aptitudes are given. Every effort is made to help the freshman to find his place in the community of students and to plan his course intelligently for the coming four years. All freshmen are expected to be present during these preliminary exercises. For the dates, see University Calendar, page 7.

CHAPEL SERVICES

In accordance with the Christian ideals of the University, daily religious service is held. Two or three times a week this is a formal service in Swasey Chapel and an inspiring program, consisting of music, scripture reading, prayer, and a brief address
by the President or other speaker is offered. Two assembly periods occur on alternate days, at which the students, after a brief devotional exercise, take up matters of their own interests.

A special freshman chapel is held on Fridays of the first semester, with addresses on practical subjects to young people starting on their college course.

VESPER SERVICES

During the winter months of the year a vesper service is held once a month on Sunday afternoon in Swasey Chapel. Notable preachers of the country are the speakers, with messages appropriate to college students. Attendance at these services is voluntary, but large numbers have found them occasions of rare inspiration.

DEPARTMENTAL EQUIPMENT

Denison is a college of liberal arts and sciences. During the past thirty years the growth has been rapid in the scientific departments. Without competing with technological schools the science departments have developed to that degree that they serve admirably those students who are looking ahead to technical professions. During the same period additional departments of language, history, education and social sciences have been organized, so that the curriculum embraces the subjects of general human interest. A brief survey of the physical equipment of the departments will indicate the resources of the College in these respects.

ASTRONOMY

The equipment of Swasey Observatory is intended both for teaching and also for research work in special lines. The equipment consists of a nine-inch equatorial of the standard Warner and Swasey type, with optical parts by Brashear, a Warner and Swasey position micrometer and wedge photometer, by Cooke and Sons, England. The transit room contains a combined transit and zenith telescope of four-inch aperture. Mean and sidereal
time clocks by Riefler are connected by means of a chronograph with both the equatorial and the transit. The library is furnished with standard astronomical periodicals both American and European. The Observatory is equipped with a wireless receiving station.

**Botany and Zoology**

These two departments are located in Talbot Hall. The arrangements include lecture rooms and laboratories for general and advanced classes and facilities for research work. There is opportunity for bacteriological and genetic studies.

The Herbarium embraces representative collections from the United States and Mexico and is especially rich in local flora. The department library is supplied with botanical and zoological journals, including the many American and foreign exchanges of the Denison Scientific Association.

**Chemistry**

The Chemistry Department occupies Chemistry Cottage, described on p. 31.

**Engineering Science**

The Department of Engineering Science occupies the upper floors of Barney Science Hall. It possesses a full equipment of instruments for field work. For illustrative purposes there is a well selected supply of drawings and specifications of bridges, water systems, and all forms of modern high-way construction. The drafting rooms are well lighted by large sky-lights and furnished with the usual requirements.

**Geology**

The Department of Geology occupies the third floor of Barney Science Hall. The lecture room is supplied with stereopticon and screen, and a collection of 5000 slides. The geographic laboratory contains an unusually fine equipment of maps and relief models and several hundred of the topographical sheets of the U.S.
Geological Survey. More than 300 drawers of mineral specimens and fossil collections are available. The department library, named in honor of the late G. K. Gilbert, contains his personal collection of books and pamphlets presented in recognition of the valuable contributions to geology made at Denison.

Physics

The Department of Physics occupies the first and second floors of Barney Science Hall. It is well supplied with rooms for administration, instruction and laboratory purposes, including photometric and photographic dark rooms, a constant temperature vault and rooms for research and special work. A complete set of vacuum tubes and modern apparatus for the reception and transmission of wireless signals are installed. A telephone transmitting station, licensed under the call WJD, is used for the broadcasting of musical and educational matters.

Military Science

The armory and office are located on the lower floor of Barney Science Hall.

The armament consists of one Springfield rifle of the latest model per student, 4 Browning automatic rifles, 2 Browning machine guns, 1 3-inch Stokes trench mortar, 1 37-mm gun, 17 automatic pistols, and hand and rifle grenades.

An out-door target range, with a limit of 200 yards and having four regulation sliding targets, affords opportunity for practical instruction in firing the rifle, pistol, automatic rifle, and machine gun. Students are permitted to shoot regulation marksmanship courses, for qualification in which suitable medals are awarded.

An in-door range for .22 caliber rifle practice is also available and is used for intercollegiate team matches during the winter.
THE NON-LABORATORY DEPARTMENTS

These departments have available their special libraries, journals and papers, with maps, lanterns and slides where needed. Practical work in the local and adjoining communities is available for students in the Departments of Education, Christian Education, and Sociology. Students who prepare for teaching are assisted by the Committee on Teaching Appointments in securing positions.

DEPARTMENTAL ORGANIZATIONS

The Denison Scientific Association, organized by the late Professor Clarence Luther Herrick in 1887, is not only the oldest departmental organization but also is the most inclusive in its activities and interests. The Association publishes the Bulletin of the Scientific Laboratories, a journal of research, founded by C. L. Herrick. Its merit is recognized by learned societies in all parts of the world, many of whom receive the Bulletin in exchange for their own publications. By this means the Association has built up a valuable collection of scientific works from the leading scientific societies of our own and other countries.

The Association holds bi-weekly meetings, open to all, at which lectures and reports of investigations on current scientific topics are presented by professors of Denison and other institutions. Faculty and students are thus made acquainted with the progress of science in many fields.

The Association celebrated last year the fortieth anniversary of its founding, with appropriate ceremonies, including a series of addresses by prominent scientists.

Departmental Societies, sharing similar aims with the Scientific Association and co-operating with it, are maintained by nearly all of the departments of instruction. Their object is to encourage investigation of topics that are allied to the courses of instruction and are of special interest. Faculty and students participate in the discussions.
A large number of organizations are maintained by the students. According to their general purpose they are divided into six groups: administrative, religious, literary, musical, recreational, and social. In so far as they represent the College in any public way, these organizations are mainly under the direction of Boards of Control, or of Faculty advisers.

1. Administrative

The government of students of Granville College and Shepardson College, in matters relative to their own interests, rests in the hands of the two student associations. These associations were organized under the authority of the Board of Trustees and the Faculty of Denison University. All students are members with full membership privileges. The executive powers are vested in the student councils of the two associations and in the joint council for matters pertaining to students of both colleges.

The Honor System, putting students on their honor at all times, was adopted by the students themselves as a forward step toward more personal responsibility in college life and hence greater mental and spiritual development.

2. Religious

The Christian Associations (the Y. M. C. A. and the Y. W. C. A.) are directed by the "Y" cabinets, composed of student and Faculty members. These associations carry on various activities for the religious and social welfare of the students. They hold regular devotional meetings, which are frequently addressed by well-known speakers. They co-operate with the churches in maintaining Bible study and mission study, and aid in Americanization work and other forms of community service.

Through the Handbook of Denison University, through the Faculty-Student Directory and personal letters they seek to establish friendly relations with new students and to help them in entering college life.
A Denison representative in the West China mission field is partially supported by these associations.

The Freshman "Y" is a branch of the general organization, aiming to bridge over the gap between high-school and college.

The Student Volunteer Band and Student Fellowship for Christian Life Service are composed of students preparing for some line of definite Christian work.

3. LITERARY

The Franklin and Calliopean Literary Societies, dating back to the early days of the College, are perpetuated by the Franco-Calliopean Society, whose meetings are devoted to the study of literature. This Society publishes the Denison Collegian, a quarterly magazine of original poetry and literary articles.

The Society of Debate and Oratory has in its membership the students who show excellence in public speaking. Several debates with other colleges are held each year, under the guidance of the Board of Control.

Several regular publications are carried on by Denison students: The Denisonian, a weekly newspaper; The Adytum, the college annual; and The Flamingo, a monthly humorous magazine.

The Masquers is a dramatic club, which presents several public performances during the year.

4. MUSICAL

The Denison Glee Club, the Shepardson Glee Club, the D. U. Band, the University Orchestra, the Engwerson Choral Society, and the chapel and church choirs furnish large opportunity for the training of musical talent. (For fuller description see below, Conservatory of Music, p. 104).

5. RECREATIONAL

The Boards of Control direct the inter-collegiate and intra-mural sports. An extensive program of intra-mural contests is carried out, with appropriate games for the different seasons. The men of the College are divided into eleven groups, with major
and minor teams, for these competitions. Prizes are awarded for the best records, and points are earned.

In inter-collegiate athletics Denison belongs to the Ohio Conference and to the Buckeye League. The rules of the Ohio Conference are in force.

The "D" Association is made up of students who have earned a letter by prominence in athletics.

The Shepardson Athletic Association is a similar organization for the women.

6. Social

Many social groups are formed, either local societies or chapters of national organizations, in which most of the students find congenial companionship. These groups have Faculty advisers and are partly under the direction of the Pan-Hellenic Council of Alumni and undergraduate membership. At present there are nine fraternities, some of them established here for more than fifty years, six sororities, a branch of The American Commons Club, the Shepardson Club, and the Club of Unaffiliated Men.

The Cosmopolitan Club of Faculty and student members aims at closer fellowship of the native and foreign students.

SCHOLASTIC AWARDS

1. Phi Beta Kappa

The Phi Beta Kappa Society was founded one hundred and fifty years ago for the purpose of recognizing and encouraging scholarly pursuits among college students. The chapter at Denison, known as Theta of Ohio, was instituted in January, 1911, upon the granting of a charter by the Senate and National Council of the Society. New members are elected each year, principally from the seniors, but a few from the juniors, from those who have the highest standing in scholarship in their respective classes.

The "Phi" Society was organized by the Phi Beta Kappa to encourage scholarship among the members of the freshman class.
Eligibility to membership is gained by winning 56 scholastic points. (See p. 55) in the freshman year.

2. Honors

1. 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, the remainder not lower than B grade. The total number of hours for the year shall not be less than thirty-two 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 not be less than thirty. Grades made in these required courses in physical education are not to be counted in competing for Annual Honors.

2. General Honors. General Honors are awarded at graduation only, according to the following standard: Ninety-three or more hours of A grade, the remainder not lower than B grade. Grade made in Physical Education 111, 112, 211, 212, are not to be counted in competing for General Honors.

3. Departmental Honors. Departmental Honors are awarded at graduation only, to those who have obtained a standing of A in one or more departments in courses amounting to not less than twenty-four semester hours, provided that there shall have been no grade less than B in any other courses which may have been taken in the department.

4. Special Honors. Special Honors are awarded at graduation only, according to the following plan: Any regularly classified student who has maintained an A rank in not less than half of his work during five successive semesters of the freshman, sophomore, and first half of junior years, and who has not fallen below C in any single study may with the consent of the faculty be enrolled as a student for honors in some selected department of study.

Application for such enrollment shall be made prior to the spring vacation of the junior year. If the application be granted
the professor in charge of the department selected shall assign work to the applicant substantially equal in amount to a three hour study for the year.

The student shall be examined on this work prior to the spring vacation of the senior year. The examination shall be conducted under the direction of the professors in charge, assisted by some other member of the faculty to be appointed by the president, and in addition to the special assignment the examination shall cover, in a general way, all other work which the applicant has taken in the same department.

During the interval between enrollment for honors and examination the student must make an A rank in all work done in the department to which his special study belongs, and must not fall below B in any other department. He must also maintain unblemished record in the department.

Work done for Special Honors must not be elementary in its character and in no case shall it be the only work done in the department in which it is taken. Advanced elective courses already offered may be utilized as honor courses, or special topics may be assigned to suit individual cases but in no case shall work upon which special honors are bestowed be counted as any part of the student's requirements for his degree.

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, and the fact shall be engrossed upon his Diploma, announced on Commencement Day, and published in the Annual Catalogue.

3. Rhodes Scholarships

Men who have completed their sophomore year at Denison University are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of $1500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from the Secretary of the Rhodes Scholarship
Committee of Selection for Ohio, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

4. Prizes

(a) The Lewis Literary Prize Contest. These prizes were given to the Franklin and Calliopean literary societies by Mr. Charles T. Lewis, former president of the Board of Trustees, and are now continued by his sons Howard Lewis and Frank Lewis of the classes of 1900 and 1902, respectively. The prizes are as follows: $40 to the best debater, $30 to the best orator, $20 to the best essayist, and $10 to the best declaimer. Competition is open to students of Granville College.

(b) The Samson Talbot Prize Reading. This is an endowed prize for the best reading of Scripture and is open to seniors and juniors. The prizes are $40 and $20 respectively.

(c) Lake Laboratory Scholarship Prize. The University offers as a prize to students in the departments of Botany and Zoology a scholarship in the State University Lake Laboratory, for the summer session following the award. This prize is awarded on the basis of general excellence in the work done in these two departments. In case two applicants seem equally meritorious two such scholarships may be offered.

(d) The Gilpatrick Scholarship. This is endowed by a fund contributed through the Society of the Alumni by former students and friends of Professor John Lord Gilpatrick. It is open to seniors and is awarded annually by the faculty upon the basis of excellence in mathematics.

(e) The Harmon Freshman Latin Prizes. Established by Ex-Governor Judson Harmon, of the Class of '66, and continued in his honor by his daughters, a first and second prize of $50 and $25 respectively are awarded annually for excellence in Freshman Latin. The award is made on the basis of a competitive examination near the end of the year.
(f) The Woodland Prizes in Chemistry. J. Ernest Woodland, '91, bequeathed to the University, in honor of his father, William Henry Woodland, the sum of $5000 for the establishment of two annual prizes: $150 for the best, and $50 for the second best original thesis on some phase of Chemistry in its relation to industrial everyday life. Conditions of the competition are announced each September by the Department of Chemistry.

5. Scholarships

For deserving students in need of assistance the University has at its disposal the annual income of certain funds.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment of any of these scholarships. Students holding them may be called upon to render a certain amount of service to the University but never to an amount which will interfere with regular college work.

1. The Mary K. Monroe Fund, $30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Denison.

2. The King Scholarship Endowment, $12,000, for the aid of young ladies in Shepardson College.

3. The Ebenezer Thresher Fund, $10,000, for the aid of young men in Granville College.

4. The M. E. Gray Fund, $5,000, for the aid of ministerial students of Granville College.

5. The David and Jane Harpster Fund, $1,500, available for students in Granville College.

6. The David Thatcher Fund, $1,500, available for ministerial students in Granville College.

7. The Mary Arnold Stevens Fund, $500, for students in Granville College.

8. The Shepardson Scholarship, $1,000, for students in Shepardson College.
9. The Joshua and Gwennie Jones Fund, $1,356.00, available for ministerial students in Granville College.

10. The Eugenio Kincaid Leonard Scholarship, $1,000, for the aid of young men of Granville College.

11. The Elizabeth S. Ewart Scholarship Fund, $2,000, available for students in Granville College or Shepardson College.

12. The Lewis Scholarships, contributed by Charles T. Lewis, Esq., of Toledo, affording free tuition annually to two students.

13. The Doyle Scholarship contributed by John H. Doyle, Esq., of Toledo, Ohio, affording free tuition annually to one student.

14. The Gilpatrick Scholarship. (See Page 43.)

15. The Wells A. and Cynthia Aldrich Chamberlain Scholarship, $2,750, endowed by their sons and daughter, for the aid of students of Denison University.

16. The Edward Le Grande Husted Fund, $1,000, endowed by Jessie Husted Chamberlain, the income to be loaned to students of Denison University.

17. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.

18. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.

19. The Denison Moraine Park Scholarships, 4 in number, founded by Col. E. A. Deeds, are awarded to the honor student of Moraine Park School of Dayton, Ohio. Each is valued at $400.

20. The Charles F. Burke Student Loan Fund and the Lorena Woodrow Burke Student Loan Fund, $2,000, administered in accordance with the plans of the Harmon Foundation, available to juniors and seniors.

21. The Noyes Scholarships, founded by Laverne Noyes, 10 in number, are available for men who served in the World War, and their children. Each has an annual value of $200.
22. High School Scholarships. An endowed scholarship to the highest honor student (boy or girl) in the graduating class each year is offered to a selected list of secondary schools. This is worth $50.00 for each of four years, and its use must be begun during the year of graduation.

23. Music Scholarships. The sum of $250 is awarded by the Board of Trustees, upon the recommendations of the Director of the Conservatory and the President of the University.

24. The Abbie Pence Houck Fund, nearly $32,000, available for ministerial students in Denison University.

25. The Hannah Snow Lewis Fund, $9,028.27, available as a loan fund for women students.

ADMISSION TO THE COLLEGE

A. BY CERTIFICATE

The graduates of first grade high schools and academies are credited with their certified preparatory work without examination, so far as such work agrees with the entrance requirements of the University. Candidates must present certificates, officially signed, showing the work done and credit gained in each study. These certificates must be in the Secretary's office not later than two weeks before the opening of the respective semesters, to avoid late registration and the consequent fee. Entrance blanks will be furnished upon request.

Applications for admission with residence in Shepardson College for Women must be accompanied by a $5.00 fee and by a certificate of entrance and any advanced credits (with honorable dismissal) by July 15 of the year of entrance.

B. BY EXAMINATION

Applicants for admission who are not graduates of approved secondary schools may present themselves for examination in the
subjects required for entrance to the freshman class. Examinations will be given on September 11, 12, 1928.

It is recommended that candidates for admission by examination take the examinations set by the College Entrance Examination Board, at any of the several cities where they are offered. Applications should be addressed to the office of the Board, 431 West 117th St., New York, before June 18, 1928.

No special students can be accepted for undergraduate work. In general, only applicants can be considered who are graduates of secondary schools properly accredited by the North Central Association of Secondary Schools and Colleges, and by the State Department of Education.

**Entrance Requirements**

Fifteen units distributed as indicated below are required for entrance, and no student is admitted to freshman rank who has not completed at least fourteen units. A unit is defined as a year's course of study in a given subject, with 4 or 5 forty-minute periods of recitation per week, in an approved secondary school.

1. The following 11 units are prescribed for all:
   - English, 3
   - History, 1
   - Algebra, 1
   - Science, 1 (Physics, Chemistry,
   - Geometry, 1          Zoology, Biology, Botany
   - Physiography.)

   Foreign language, 4 (at least 2 in the same language).

   Candidates whose major will be in science or mathematics, or subjects as noted in Group C, catalogue page 54, may substitute two units of science or mathematics as listed in paragraph 2, for the third and fourth units of foreign language.

2. At least 2 additional units must be selected from the following subjects, the number indicating the maximum number of units that will be accepted in any subject:
DENISON UNIVERSITY

English, 4
Latin, 4
Greek, 3
French, 3
German, 3
Spanish, 3
History and Civics, 4

Physics, 1
Chemistry, 1
Physiography, 1
Botany, 1
Zoology, 1
Physiology, 1
Agriculture, 1
General Science, 1

Mathematics, 3½ (Algebra, Geometry and ½ unit of Trigonometry.)

In this group may be included the following subjects with the respective units noted, upon the recommendation of the college departments especially concerned:

Bible, 1
Economics, ½
Theoretical Music, 1
Psychology, ½
Sociology, ½

3. Not more than two units may be presented from the following subjects:

Mechanical Drawing, 1
Freehand Drawing, 1
Domestic Science, 1
Stenography (if a full unit), 1
Manual Training or Shop Work, 1
Commercial Law, 1
Commercial Geography, 1

PROVISIONAL ADMISSION

High school graduates who lack not more than 2 of the prescribed units for entrance may be admitted provisionally. Such units must be cleared during the freshman and sophomore years. In most cases these credits can be acquired in college. If taken in college, one year of college work in a subject is required to make up a unit of deficiency.

EXCESS ENTRANCE CREDIT

Application for excess entrance credit must be made at the time of matriculation and documentary evidence of the same pre-
sented within six weeks. All such credit, if allowed, is provisional upon the student's maintaining a prescribed high standard of scholarship during the year. No excess entrance credit is allowed for high school work, unless at least one semester more than four years has been spent in the secondary school; when allowed, it shall never represent more than fifty per cent of the school credit, and the maximum is ten semester hours. In cases of deficiencies in the required subjects for entrance (although a total of fifteen units is presented), a request for a limited amount of excess entrance credit partly to counterbalance the deficiency will be given consideration by the Secretary.

**Advanced Standing**

Students who have completed a part of their course at other colleges may apply for admission with advanced standing. They should present a certified statement of their preparatory course, also of the work completed and the credit gained at the former institution, and a certificate of honorable dismissal. Equivalent credit will be given for the work they have successfully completed, so far as it applies to the courses at Denison, but an examination may be required at the discretion of the Faculty.

**Registration of Students**

Students will present themselves for registration at the days assigned for that purpose. (See University Calendar on page 7 of this catalogue); otherwise a fee of $5.00 is charged for late registration.

**Advisers**

Each student chooses as early as possible the department containing the line of study which he wishes to emphasize in his course. The professor in charge of this department becomes the student's adviser in his course of study and must be consulted at each subsequent registration.
Subjects Open to Freshmen

Course 111-112 in English, 111-112 in Latin or Greek or Mathematics, and 111-112 in Physical Education are required of all candidates for degrees. Mathematics 121-122 may be substituted for Mathematics 111-112 in this requirement, likewise Latin 101-102 in the place of Latin 111-112 by those who have had only two years of high school Latin. None of these subjects may be deferred later than the freshman year except with the consent of the Registrar, on recommendation of the head of the department concerned.

The freshman schedule, in addition to the subjects mentioned in the preceding paragraph, will be determined by the student in consultation with his adviser from the following subjects:

- Astronomy 111-112
- Botany 111-112
- Chemistry 111-112
- Christian Education 111-112
- Education 111
- Engineering Science 111-112, 113-114
- Geology 111-112, 121-122
- Greek 111-112
- History 111-112
- Latin 101-102, 111-112
- Mathematics 111-112, 121-122
- Modern Languages
- Military Science 111-112
- Music 101-102, 103-104, 111-112
- Physics 111-112, 113-114
- Political Science 111-112
- Public Speaking 111-112
- Zoology 111-112

Beginning language courses are open to freshmen, or more advanced courses if the elementary work has been done in the preparatory school.

Additional Regulations

Normal Registration. The average number of credit hours is 16, estimated as 1 credit for 1 hour recitation period or 2 hours laboratory period per week during the semester, to make up the requirement of 128 credits for graduation. This is the amount recommended for students in all classes, to secure best results. The maximum allowed a new matriculant is 18 hours, including 1 hour of physical training.
Excess Registration. For other students, more than 16 hours is excess and cannot be allowed except by consent of the Registrar in applying definite regulations of the Faculty. To register for 17 hours the student must have accumulated in the preceding semester 19 points, with no mark below passing; to register for 18 hours he must have accumulated 21 points; for 19 hours, 23 points. This grade of work must be maintained during the current semester. A fee of $5.00 shall be charged for each registered hour in excess of 18. Without special permission from the Dean's office, 13 credit hours shall be the minimum amount of registration.

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 $1.00 will be charged, unless remitted by the Registrar for satisfactory reason.

Late Registration. All students must complete their registration and settle with the Treasurer on the days set apart for this purpose. Failure to do so will be counted as late registration entailing a special fee of $5.00.

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 the University before the close of a semester, report to the Dean and receive withdrawal card. This card is then presented to the Registrar, who completes the withdrawal.

Chapel. All students are required to be regular in attendance upon the chapel exercises and the college assemblies.

Classification of Students

For Freshman Standing

No student will be classified as freshman who is deficient in more than 1 unit of preparatory work.
For Sophomore Standing

All entrance deficiencies must be removed.
At least 24 hours of college work and 26 points (including the required freshman courses in English, Mathematics or Latin or Greek and Physical Training.)

For Junior Standing

At least 62 hours and 68 points (including Physical Training 211-212 and all preceding requirements).

For Senior Standing

At least 96 hours and 105 points, and all preceding requirements.

REQUIREMENTS FOR THE BACCALAUREATE DEGREE

The curriculum leads to the degree, Bachelor of Arts, upon satisfactory completion of courses. (Students registered before or during the academic year 1926-27 may elect to become candidates for either the A.B., Ph.B., or B.S. degree according to the former curriculum, for which see catalogue for 1925-1926).

To secure the degree of Bachelor of Arts the student must satisfy the following conditions: (1) he must meet the specified requirements; (2) he must complete a major and a minor; (3) he must meet the group requirements; (4) he must carry a sufficient number of elective courses to bring his total credit to 128 semester hours; and (5) his work must conform to certain scholastic requirements.

A semester hour of credit is defined as one hour per week of lecture or recitation, or two hours per week of laboratory work, through one semester of 18 weeks.

1. Specified Requirements.

(a) English, 6 hours to be taken in the freshman year.

(b) Latin or Greek or Mathematics, 8 hours, to be taken in the freshman year.
(c) A reading knowledge of some modern foreign language as shown by passing an examination equivalent to that given at the close of the second college year of that language. In case the student takes his major in one of the departments in Group C (below), this language must be French or German unless the adviser makes an exception.

(d) Philosophy, 3 hours and Psychology, 3 hours; or Philosophy 6 hours. Philosophy, for the purpose of this requirement, shall not include Argumentation or Debate.

(e) Physical Education, 4 hours, taken in the freshman and sophomore years.

2. Requirement for Major and Minor.

(a) Major

The student must select a principal sequence of studies, called a major, in one department of instruction as listed below. This is to consist of at least 24 and not more than 40 hours. A major in Modern Language may total 50 hours, but not more than 40 hours in any one language. Departments that offer less than 24 hours are allowed to make up that number from other departments subject to faculty approval.

No freshman courses taken as Specified Requirements (above) will be allowed as part of a major with the exception of Latin 111-112, Greek 111-112, 2 hours of Mathematics 111-112, and 4 hours of Mathematics 121-122.

(b) Minor

In addition to the above, each student must pursue a secondary sequence of studies, called a minor, to consist of 12 hours in one subject approved by the adviser.


The departments of instruction are as follows:
<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
<th>Group C</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Christian Education</td>
<td>Astronomy</td>
</tr>
<tr>
<td>Greek</td>
<td>Education</td>
<td>Botany</td>
</tr>
<tr>
<td>Latin</td>
<td>History</td>
<td>Chemistry</td>
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<tr>
<td>Modern Languages</td>
<td>Music</td>
<td>Engineering Science</td>
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<td>(theory and history)</td>
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<td></td>
<td>Philosophy</td>
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<td>Political Science</td>
<td>Military Science</td>
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<td></td>
<td>Psychology</td>
<td>Physical Education</td>
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<tr>
<td></td>
<td>Public Speaking</td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Sociology and</td>
<td>Zoology</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
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</table>

Unless already chosen as a major or a minor, 12 hours in each of the above Groups A, B, and C must be taken. Of the Specified Requirements listed above, 8 hours of foreign language may count toward the 12 hours in Group A, but no English may count; 3 hours of Psychology and the second 3 of Philosophy may count toward the 12 hours in Group B. The 12 hours in Group C must include one of the following laboratory courses:

- Astronomy 111-112 or 211-212
- Botany 111-112 or 113-114
- Chemistry 111-112
- Engineering Science 111-112
- Military Science 311-312, 411-412
- Geology 111-112
- Physics 111-112, 113-114
- Zoology 111-112

Subject to faculty approval additional requirements may be specified by departments for students who choose their major in them.

4. Electives.

The total of 128 hours for graduation will be made up by adding to the above program such studies as the student may elect with the approval of his adviser.
5. **Scholastic Requirements.**

All credits to be counted for the major must be "C" grade or above. No subjects taken for Specified Requirements (above) may be counted toward a major or a minor, except as noted above, No. 2 and 3.

By the close of the semester previous to graduation, the candidate for degree must have earned at least 110 semester hours credit and 112 points, and must have paid all University bills including diploma fee.

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

- **"A" (Excellent)..................** Earns 2 points per credit hour.
- **"B" (Good)..........................** Earns 1 1/2 points per credit hour.
- **"C" (Fair)..................** Earns 1 point per credit hour.
- **"D" (Passing)..................** Earns no points.
- **"F" is a failure, and in order to receive credit, course must be taken over in class.**

A total of 140 points must be earned for graduation.

Any student who fails to make six points at any nine weeks' report shall withdraw from the University with no refund of fees.

A freshman who fails to make nine points but who has earned at least six points during the first semester shall be placed on probation, with the understanding that if his work is not earning at least twelve points by the end of the second semester he may not re-register in the University the following semester.

A freshman who fails to make twelve points during the second semester, unless his work has been previously earning eighteen points, may not re-register in the University the following semester.

A sophomore who fails to make twelve points during the first semester shall be placed on probation with the understanding that if his work is not earning at least fourteen points by the end of the second semester he may not re-register in the University the following semester.
A sophomore who fails to make fourteen points during the second semester, unless his work has been previously earning eighteen points, may not re-register in the University the following semester.

A junior who fails to make fourteen points during the first semester shall be placed on probation with the understanding that if his work is not earning at least sixteen points by the end of the second semester he may not re-register in the University the following semester.

A junior who fails to make sixteen points during the second semester, unless his work has been previously earning eighteen points, may not re-register in the University the following semester. When a student's registration in College is affected by an "I" grade upon his record he must remove this incomplete at least one week before registration.

SPECIAL PRE-MEDICAL PROVISION

Any student who successfully completes all the specific requirements for graduation at Denison and all the specific requirements for admission to an A grade medical school, with a total credit of 98 semester hours and 110 points, shall receive the degree from Denison upon successful completion of the first year's work in such A grade medical school.

THE MASTER'S DEGREE

Denison has no organized graduate department, but provision may sometimes be made to pursue graduate work leading to the degree of Master of Arts or Master of Science. Before registering, the applicant for such work should first get definite information from the departments of instruction concerned that they can furnish him graduate work, and should then at once present to the Faculty Committee on Advanced Degrees a statement of his plans for its approval. This should not be delayed beyond the regular period of registration required of all college students.
A year of residence work, with a total of 32 semester hours, and a thesis are required. Ability to read one foreign language is also required. The course shall consist of one major sequence comprising advanced work of graduate nature and amounting to one-half or more of the entire amount of work, with one or more minors in departments allied to that of the major sequence. Courses taken before graduation will be allowed to count only up to a limited number of hours. There will be a final oral examination conducted by the Committee on Advanced Degrees. The master's degree will not be conferred sooner than one year after the bachelor's degree.

Students in graduate courses are subject to the same tuition and special fees as others. Their diploma fee is $10.00.

**EXPENSES**

**TUITION AND OTHER FEES**

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<tr>
<th>Fee</th>
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<table>
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<tr>
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**DIPLOMA FEES**

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<td>Bachelor's Degree</td>
<td>$5.00</td>
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<td>Master's Degree</td>
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**EXTRA CHARGES FOR CERTAIN COURSES**

The fees indicated below are in all cases for a single semester. In some cases the fee is not a fixed amount, but depends upon special circumstances. Such cases are not included in this table.

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<tr>
<th>Course</th>
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<tr>
<td>112</td>
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<td>212</td>
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<td>311-312</td>
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### Botany—Course

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<td>317</td>
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### Chemistry—

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<td>211</td>
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<tr>
<td>223</td>
<td>5.00</td>
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<td>311 Consult instructor</td>
<td>314 Consult instructor</td>
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<td>411</td>
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<tr>
<td>413 No fee or deposit</td>
<td>414 No fee or deposit</td>
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<td>415 Consult instructor</td>
<td>416 Consult instructor</td>
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Deposit, or breakage ticket, for each course unless specially mentioned, $4.00.

### Engineering Science—

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### Geology—

All Courses, each 1.00

### Music—Courses

201, 202, 221, 222, 331, 332 12.00
211, 212, 213, 214, 301, 302, 311, 312, 441 8.00
303, 304 6.00

Pianoforte, Voice, Organ, Violin, or Violoncello, no college credit
Two private lessons per week 50.00
One private lesson per week 27.50

### Physics—Course

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ANNUAL CATALOGUE

ZOOLOGY—Courses 111, 112, 211, 212, 223, 224, 227, 228... 1.25 per hour of credit.

**Board and Rooms**

Shepardson College
- Room: $45.00—$75.00
- Board in Commons: 90.00

Granville College
- Room: $20.00 to $30.00

Students of Granville College must make private arrangements for their meals.

Semester bills, including dormitory room-rent (and board in case of Shepardson students) are payable in advance. All payments, even if deferred by permission of the Dean, must be completed by December first and April fifteenth in the respective semesters, in order to avoid suspension from classes.

**Special Fees**

Excess Registration. For conditions and amount, see page 45.

Partial Registration. Students taking less than 10 hours per week will be charged as follows: $8.00 per semester hour, and the special fees. See above, Expenses. See exception in Conservatory (page 106).

Late Registration. See page 51.

Examinations. A fee is charged for a special examination: $2.00 in case of a final and $1.00 for a mid-semester, 1 hour examination.

Refunding Semester Bills. All registrations are for an entire semester and no money is refunded to a student who leaves before the end of the semester, with the following exceptions: a college student leaving during the first half of the semester, and regularly dismissed, will pay for the time of his actual enrollment at the rate of $8.00 per week, counting from the first of the semester to the date of dismissal. The remainder of the semester charges will be refunded, except the amounts credited to the special fees, mentioned under Expenses.
Men's Dormitories—Rooms for men in the dormitories may be secured on application to the Treasurer by paying a retaining fee of $5.00 on or before August 1. If the applicant occupies the room, this fee will be applied on the rent, subject to the rules and regulations governing the use of dormitories; otherwise it is forfeited.

No room can be secured for a shorter time than one semester. If a room is vacated for any cause before December 1 of the first semester, or before April 15 of the second, only one-third of the room rent will be refunded. No rent will be refunded after these dates.

Rooms are in suites comprising sitting-room and bed-room (except single rooms for one person) and are supplied with dresser, bookcase and chairs, single iron bedsteads, mattresses and springs. Bedclothing and towels are provided by the student. The rooms are lighted by electricity and heated by hot water, and are in close proximity to lavatories on the same floor, where shower baths are provided with hot and cold water.

Women's Dormitories—Rooms are provided for young women on the Shepardson College campus in Burton Hall, King Hall, and Stone Hall, in Parsons House, on the corner of Elm and Mulberry streets, in Mary Thresher Beaver Hall, Sawyer Hall and Gilpatrick House on the new campus. Rooms may be secured by paying an application fee of $5. This fee is credited on the room rent if the room is subsequently occupied by the applicant; otherwise it is forfeited. For important information concerning admission, see page 46.

Ample lavatories are provided on each floor, which have baths with hot and cold water. Single iron bedsteads, mattresses, springs and rugs are provided in all rooms. All rooms and halls are lighted by electricity and heated by hot water. All bedding and toilet appliances are furnished by the students, whether in dormitories or cottages. Breakage or other damage to furniture of rooms is charged to the occupants.
Refunding of Charges.—No rebate can be made in the room rent of women, but to students leaving on regular dismissal before the December vacation of the first semester, or the spring vacation of the second, a charge is made of $8.00 per week for board. No rebate is granted after these dates. No refund of special fees is made. See above, Expenses, page 57.

Student Employment

A limited amount of remunerative employment is furnished by the University, including stenography, typing, mimeographing and other office work; library, laboratory and departmental assistance; messenger and telephone service, hall duty, janitor, carpenter and campus work. A total of about $25.00 per semester is usually possible for new students. Apply to the Student Aid Committee for such employment. Many students find outside work by applying through the Y. M. C. A. Employment Committee.

Health and Hospital Service

The University maintains a small eleven-bed hospital which is meeting the needs satisfactorily until the Helen Arnett Whistler Memorial Hospital can be erected. A staff of physicians is available and a graduate nurse is in charge. Regular hours for consultation and clinical attention are held each day. All students are directed to report promptly any indisposition.
Departments and Courses of Instruction

All the departments of instruction are listed in alphabetical order in the following pages, with the title, outline, and other information of all the courses offered. The numbering indicates the year in the curriculum for which the courses are primarily intended, 100-200 for freshmen, 200-300 for sophomores, and so on. The odd-numbered courses are given in the first semester, the even-numbered in the second. The Roman numeral indicates the period in the daily schedule at which the class meets and the hours refer to the units of credit for the course. Four-hour courses at periods I and II omit Friday; at other periods, omit Monday. Three-hour courses at period I and II meet Monday, Wednesday, Friday; at periods III and IV, Monday, Tuesday and Thursday; at periods VI and VII, Tuesday, Thursday and Friday. Two-hour courses at the respective periods meet on the days omitted in the three-hour schedules. Period V, one-half hour, is reserved for chapel service.

ASTRONOMY

Mr. Biefeld

The courses are planned with reference to their cultural value and to their forming a sound basis for further study in the science.

111. Elementary Astronomy. Four recitations a week based upon lectures with mimeograph notes and text, with one hour a week (needing no preparation on the part of the student) on Tuesday or Thursday, 8-9 p.m., for constellation study and the demonstration of instruments. No prerequisite. VI, 4 hours.

112. Elementary Practical Astronomy. This course introduces students who have had course 111 or its equivalent, and engineering students who wish to supplement their surveying course, to the use of the instruments in solving practical astronomical problems in an elementary way. Prerequisite, 111. Fee, $2.00, with laboratory hours to be arranged. VI, 4 hours.
211. DESCRIPTIVE ASTRONOMY. A standard text is used together with lantern slides and demonstration of the instruments of the observatory. Prerequisite, Freshman Mathematics. General Physics, 111-112 is advised. 1, 4 hours.

212. PRACTICAL ASTRONOMY. This is a laboratory course for the solving of astronomical problems with the precision that the modern instruments of the observatory allow. Prerequisites, Astronomy 211 and Physics 211. Fee, $2.00. 4 hours.

214. MATHEMATICAL STATISTICS. Advised for students taking Astronomy 212. Hours to be arranged. 2 hours.

311-312. ADVANCED OBSERVATIONAL WORK. Measurement of double stars and position of celestial objects differentially with position micrometer. Stellar Photometry with naked eye and wedge photometer. Prerequisite, Astronomy 211. Hours to be arranged. Fee, $1.00 per credit hour.

329. ENGINEERING ASTRONOMY. (See course 330 in Engineering Science.) First semester. The work done in Astronomy offers a credit of 1 hour, and may be taken separately. VII, 1 hour.

411-412. INTRODUCTION TO CELESTIAL MECHANICS. A standard text is used taking up the fundamental principles of the subject. Application to determination of ephemerides and orbits of planets and comets. Prerequisite, Astronomy 211 (may be taken the same time as 411) and the calculus, including, preferably, an introduction to Differential Equations. IV, 3 hours.

BOTANY

MR. STICKNEY, MR. HENDERSON

111-112. GENERAL BOTANY. Introductory to all other courses in the department, and designed also for students in other departments who desire a general acquaintance with biological laws and theories. A general consideration of living organisms and life processes, and a study of the origin of individuals and races through reproduction and evolution. The course does not follow the lines of elementary botany of secondary schools and is designed equally for those entering with or without such course. Fee, $3.00. Lectures and quiz Tuesday and Thursday, IV. Laboratory, two sections, Monday or Wednesday, III-IV. 3 hours.

113-114. DESCRIPTIVE AND SYSTEMATIC BOTANY. A general treatment of the higher flowering plants, emphasizing structure and function in the first semester and identification and classification in the second. Designed to meet the needs of students who wish to cover intensively the
formal course in elementary botany, either as an introduction to the subject or with a view to teaching. Field trips alternate with laboratory studies during the open season of both semesters. Open to all. Fee, $2.00

VI-VII, 3 hours.

209. APPLICATION OF BOTANY. A lecture course dealing with man's relation to plants and plant life. The plant as a food-building machine, the world's food supply, fuel, drug plants, fibre plants, poisonous plants, lumber, forest influences and conservation, and ornamental plants and landscaping are among the topics included. Designed as a general culture course. Open to all.

II, 2 hours.

210. BACTERIOLOGY OF DISEASE. A lecture course dealing with germ diseases, from the standpoint of personal and public hygiene. The nature of pathogenic bacteria and their toxins, modes of infection, disease resistance and immunity, and the use of protective and preventive measures. Open to general election. II, 2 hours.

213-214. PLANT MORPHOLOGY. A very general survey of the plant kingdom, with a study of types forms from the lowest to the highest orders. One all-day field trip and several shorter excursions each semester. Alternates with courses 315-316. Prerequisites, Botany 111-112 or 113-114, or Zoology 111-112. Fee, $3.00. Four credits. Not offered in 1928-29. III, 4 hours, and IV, 2 hours.

315-316. PLANT HISTOLOGY AND PHYSIOLOGY. The study of cells, tissues, and organs of higher plants, and of the relation of these structures to life processes. Special attention is given to the technique of microscopic study during the first semester, and to experimental methods during the second. Alternates with courses 213-214. Four credits. Prerequisite, Botany 111-112 or 113-114. Fee, $4.00. Offered in 1928-29. III, 4 hours, and IV, 2 hours.

317-318. BACTERIOLOGY. An elementary course introducing the student to the nature and activities of bacteria, and to the technique and methods of bacteriological study. Elementary chemistry is advised in addition to Botany 111-112 or Zoology 111-112, the regular prerequisite for this course. Fee, $4.50. I-II, 3 hours.

417-418. BOTANICAL SEMINAR. The study of special topics with reports in class upon assigned readings. Either or both semesters may be taken. Ability to use French or German is desirable. Open to juniors and seniors only. Prerequisite, Botany 111-112 and an additional year's work in the department. Hours to be arranged. Fee, $1.00. 2 hours.

419-420. ADVANCED BOTANY. Special work on assigned problems leading to research in botany. This course may be taken only by competent students, and with consent of the head of the department. Two to five credits. Hours arranged individually.
CHEMISTRY

Mr. Ebaugh, Mr. Everhart

Chemistry 111-112 is a fundamental course open to all students and is required of students who expect to specialize in engineering, medicine, nursing, home economics, and allied subjects.

110. Chemistry of the Home. The application of chemistry to household problems, foods, nutrition, etc. Prerequisite, high school chemistry. Lecture or recitation, Wednesday and Friday, III. 2 hours. Mr. Ebaugh.

111. General Chemistry. (Non-metals.) Principles and theories of chemistry, the quantitative aspect of the subject and the solution of problems in chemical arithmetic. It is recommended that a student complete a course in elementary chemistry or physics as a preparation for Chemistry 111. Fee, $3.00 per hour of laboratory credit, and breakage deposit, $4.00. Section A; recitation or lecture Monday and Wednesday, II period, laboratory Tuesday and Thursday, I and II period. Section B; recitation or lecture Tuesday and Thursday, VII period, laboratory Wednesday and Friday, VI and VII period. 4 hours. Mr. Ebaugh.

112. General Chemistry. (Metals and Qualitative Analysis.) A continuation of Chemistry 111. The close connection between chemistry and industry is emphasized. Common blowpipe tests, reactions of metallic and non-metallic ions, and the analysis of mixtures of increasing difficulty. Prerequisites, Chemistry 111. Fee, $3.00 per hour of laboratory credit, and breakage deposit, $4.00. Four or five credits may be earned depending upon the amount of laboratory work taken. Sections and hours as in Chemistry 111.

113. Chemical Calculations. A course emphasizing methods of calculation employed in solving numerical problems dealing with the application of fundamental laws to practical questions. Chemistry 111 must accompany or precede this course. Recitation, Friday, II, or Monday, VII. 1 hour. Mr. Everhart.

210. Advanced Inorganic Chemistry. A course designed to elaborate and expand in a quantitative way the principles of chemistry. The course supplements Chemistry 111-112, and is intended to furnish a thorough drill in the application of basic laws and theories of the structure of inorganic substances. Prerequisite, Chemistry 112. Lecture or recitation, Tuesday and Thursday, II. 2 hours. Mr. Everhart.
211-212. **Quantitative Analysis.** Gravimetric, volumetric, and
electrolyte methods of analysis are studied. Constant drills in chemical cal-
culations and underlying theories. Prerequisites, Chemistry 112 (as outlined
above.) Fee, $3.00 per hour of laboratory credit, and breakage deposit,
$4.00 per course. Recitation, Monday IV, laboratory, Monday and Wednes-
day, or Tuesday and Thursday, VI and VII. 3 hours. Mr. Ebaugh.

221-224. **Organic Chemistry.** A study of carbon compounds is ac-
compounded by the preparation of typical organic substances, determination
of physical constants and chemical properties, and practice in the use
of tests employed in special branches of chemistry. Prerequisite, Chemistry
212. Fee, $5.00 per hour of laboratory credit, and breakage deposit, $4.00
per course. Lecture or recitation Monday and Wednesday, I, labora-
tory, Thursday or Friday, I and II. 3 hours.

311. **Chemistry of Industry and Business.** The application of chem-
istry to processes and problems of industry and business. Prerequisite,
Chemistry 112, Lecture or recitation, Wednesday and Friday, IV, supple-
mented by regular inspection trips to manufacturing plants.
2 hours. Mr. Ebaugh.

313-314. **Advanced Quantitative Analysis.** Special methods of
analysis in the following groups: (a) mineral and ore analysis, (b)
water analysis, (c) gas analysis, (d) foodstuff analysis, (e) metallurgical
analysis, (f) technical analysis for specific industries. Prerequisites, Chemi-
stry 212, and for (d), Chemistry 224. Fees, credit and hours to be ar-
ranged.

411-412. **Physical and Electrochemistry.** Modern theories of
solution, dissociation, chemical equilibrium, thermochemistry, and electro-
chemistry. Prerequisites, Chemistry 212, and 224, Physics 212 and the
calculus. Fee, $6.00 per hour of laboratory credit, and breakage deposit,
$4.00 per course. Monday and Wednesday, IV. 3 hours.

413-414. **History of Chemistry.** Prerequisite, Chemistry 224.
Hours to be arranged, (usually Tuesday VIII.) 1 hour. Mr. Ebaugh.

**CHRISTIAN EDUCATION**

**Mr. Stewart, Miss Crawford**

In this department are found those subjects that have to do
primarily with the religious life: a group of biblical courses, a sec-
ond group of the practical and technical matter of Religious Edu-
cation, a single course on the meaning and place of religion, and one on the spread of Christianity through missionary activity. The two-fold aim of these courses is general religious culture and preparation for efficient Christian service.

111. OLD TESTAMENT. The historical background, the development of religious thought, the work and place of the leading characters, the setting of the various books.

IV for advanced students, VI for freshmen. 3 hours. Mr. Stewart.

112. LIFE AND TEACHINGS OF JESUS. This course forms a unit with course 111. A study particularly of the synoptic Gospels for the facts of Jesus' life and the social bearings of His teaching and example.

IV for advanced students, VI for freshmen. 3 hours. Mr. Stewart.

115. PRINCIPLES OF RELIGIOUS EDUCATION. The principles, problems and programs of religious education as carried on by the local church and community, including a study of the week-day school of religion and the church vacation school. Observation, demonstration work.

III, 3 hours. Miss Crawford.

116. THE MODERN SUNDAY SCHOOL. A practical study of the modern, graded Sunday School (in its relation to the program of Christian education of the church.) Observation, demonstration, practice work included.

III, 3 hours. Miss Crawford.

211. OLD TESTAMENT PROPHETS. A more thorough study of the life and work of the great prophets; the social and political situation in which they found themselves, the reforms they sought to accomplish, and the permanent contribution they made to religious life and thought. Prerequisite, course 111.

VII, 3 hours. Mr. Stewart.

212. THE EARLY CHURCH. This course begins with the account in Acts, lays great emphasis on the life and work of Paul, and carries the study beyond the Bible record to about 150 A.D. Prerequisite, course 112.

VII, 3 hours. Mr. Stewart.

214. HISTORY AND GEOGRAPHY OF BIBLE LANDS. The topography, the natural and political history and the manners and customs of the Bible lands are studied, with laboratory equipment as aids. Prerequisite, course 111 or 112.

I, 3 hours. Miss Crawford.

216. PROBLEMS OF RELIGION. A course that seeks by lecture, reading, discussion, and conference to discover the meaning of religion and its place in human life, in particular to aid in the solution of those religious problems confronted by undergraduate thought. Prerequisites, courses 111-112. Alternates with course 302. Offered in 1928-29.

III, 3 hours. Mr. Stewart.
221. **Methods of Teaching in Religion.** Adaptation of the principles and methods of modern pedagogy to the development and training of Christian character. Prerequisite, course 116.

II, 3 hours. Miss Crawford.

222. **Story-telling and Dramatization.** Selection of stories; principles of story-telling. The educational value of the dramatized story, methods of dramatization. Prerequisites, courses 111, 112 or 116.

II, 3 hours. Miss Crawford.

223. **History of Christian Education.** The history and development of Christian education from the ancient Jewish and Greek systems, through the monastic, renaissance, and reformation periods to modern times. Prerequisite, course 115. Alternates with course 317. Not offered in 1928-29.

I, 3 hours. Miss Crawford.

302. **Missions.** History and development of Christian missions. Geographical, racial, religious influences upon the various peoples. The problems and opportunities in the mission fields. The meaning of the present situation. Alternates with course 216. Not offered in 1928-29.

III, 3 hours. Mr. Stewart.

311. **Worship and Hymnology.** The hymnbook as a history of the Christian Church; the nature and function of worship; principles of building programs for church services, church schools, young people's meetings, clubs, and camps.

IV, 3 hours. Miss Crawford.

312. **Christian Art.** A general cultural course dealing with the history and appreciation of Christian art, from its beginning to the present day. Open to juniors and seniors.

IV, 3 hours. Miss Crawford.


I, 3 hours. Miss Crawford.

319. **The Psychology of Religious Development.** Based on the principles of general psychology, this course seeks to understand the religious and moral capacities of childhood and early adolescence, to discover the course of their development, and to examine the agencies available for the training of a wholesome religious life. It is desirable that students first take Psychology 311 or 111. Prerequisites, courses 111, 112, 115, 116.

III, 3 hours. Mr. Stewart.

411-412. **Seminar.** Open to advanced students in Christian Education, with consent of instructor. Individual assignments to field work and research. Time to be arranged.

2 hours.
STUDENT TEACHING. Teaching Christian Education in Weekday Church Schools, with credit on State Teachers' Certificate, for students meeting requirements of the Department of Education. Students register for Education 415-416. Miss Crawford.

CLASSICAL LANGUAGES

MR. DEAN, MISS AKERS, MRS. CRESSEY

A Major in Classical Languages may be secured by completing (1) Greek 111-112, 211-212 and Latin 111-112 and 211-212; (2) Greek 111-112, 211-212 and eight additional hours in Greek; (3) Latin 111-112, 211-212 and eight additional hours in Latin. (Latin 101-102 may not be counted on the major.)

A Minor in Classical Languages will consist of not less than 12 hours in the language courses in either Greek or Latin. (Greek 101-102, Latin 101-102, 215-216 may not be counted on the minor.)

Courses Not Involving a Study of the Language

GREEK

101. GREEK CIVILIZATION. A topical study of the different elements which entered into the Greek civilization of its best period, together with a study of the contribution which that civilization has made to our times. The course does not require a knowledge of the Greek language. Open to all students. III, 2 hours. Miss Akers.

102. GREEK LITERATURE IN ENGLISH. A course designed to give an acquaintance with the field of Greek Literature and its contribution to modern thought. Lectures and assigned readings from translations of Greek authors. Open to freshmen by permission. III, 2 hours. Miss Akers.

LATIN

215. ROMAN LIFE. An outline of the more important phases of Roman character and achievement. The text book will be supplemented by notes and assigned reading, with photographs and illustrations for certain portions of the work. Not open to freshmen. VI, 2 hours. Mrs. Cressey.

216. CLASSICAL MYTHOLOGY. A study of the myths of the Greeks and Romans, with special reference to their influence in English Literature. Not open to freshmen. VI, 2 hours. Mrs. Cressey.
Language Courses

GREEK

111-112. An introduction to the Greek language through the study of Homeric Greek in the Iliad. Drill on forms, grammar, and prosody. Lectures on the epic form and the background of the Iliad. Open to all students.

211. HOMER, THE ODYSSEY. Continuation of the epic. Rapid reading from selected portions of the Odyssey.

212. HERODOTUS. Transition to Attic prose in selections from Herodotus. Emphasis upon rapid reading from sight.

NOTE—Courses 111-112, 221-222, are prerequisite for any of the following courses.

331-332. NEW TESTAMENT. Rapid reading in the Synoptic Gospels and the Epistles; study of the philology and interpretation of the portions read. Offered in 1928-29.


411. PHILOSOPHY. Plato's Apology and Crito. Xenophon's Memorabilia; collateral reading in other dialogues of Plato, lectures on development of Greek philosophy.

412. GREEK TRAGEDY. Sophocles' Oedipus the King; structure of the Greek tragedy; lectures on the origin and development of tragedy, especially the works of Aeschylus and Sophocles.

413. ORATORY. Selections and collateral readings from the Attic orators. Study of the development of Greek Oratory.

414. (14) GREEK DRAMA. Euripides' Alcestis; Aristophanes' Frogs; the dramatic art of Euripides; the structure of comedy. Any one of the courses 411-414 may be chosen in any semester by students majoring in Greek.

LATIN

101. Selections from the Orations of Cicero, or from Ovid's Metamorphoses. Intensive work in form and syntax; sight translations. Open to students who have had 2-3 years of secondary Latin.

5 days, II, 4 credit hours. Mrs. Cressey.
102. **Virgil.** Selections from the first six books of the *Aeneid*; supplementary work as in course 101. Prerequisite, course 101, or 3 years of secondary Latin. 5 days, II, 4 credit hours. Mrs. Cressey.

111. **Selections from Roman Historians.** A study of the turning points in Rome's history as told by the leading Latin writers. Comprehension and analysis of the language and style are emphasized both in prepared and in sight translation. For students who have four years of Latin in High School. I and III, 4 hours. Mrs. Cressey, Mr. Dean.

112. **Selections from Roman Poetry.** An introduction to the best poems in Latin literature. Notes on Roman poetry and metrical study. I and III, 4 hours. Mrs. Cressey, Mr. Dean.

211. **Latin Comedy.** Plautus and Terence, three or more plays. Notes on the history of Ancient Drama. Sight reading. IV, 4 hours. Mrs. Cressey.

212. **Pliny and Catullus.** Letters and Poems with some attention to the social life of the periods in which they were written. IV, 4 hours. Mrs. Cressey.

311-312 **Virgil.** A study of the poems of Virgil and their place in the history of literature from points of view which cannot be emphasized in the preparatory school. The two semesters are not open to election separately. Especially advised for students who expect to become teachers of Latin in secondary schools. Open to juniors and seniors who have had not less than three semesters' work in Latin. These courses alternate with 313-314 and are offered in 1928-29. II, 3 hours. Mr. Dean.

313-314. **Latin Literature.** A comprehensive survey of all the literature in the Latin language down to the Church Fathers. Selections will be read in the original. Complete works will be covered in the best available translations. Histories of Latin literature will be used in conjunction with the authors studied. Alternates with Latin 311-312 and is not offered in 1928-29. Prerequisites, Latin 211-212 and English 211-212. II, 3 hours. Mr. Dean.

315. **Methods in Latin.** Lectures on teaching Latin in secondary schools. Discussion and study of special points, such as the aims of the study of Latin, high school Latin courses and text-books, and the correlation of Latin with other studies. Training in reading Latin aloud. II, 2 hours. Mr. Dean.

316. **Latin Writing.** A course in composition, open to students who have had Freshman Latin, and especially advised for those who are preparing to teach Latin. II, 2 hours. Mr. Dean.
Students preparing to teach should consult the instructors in Education about the choice of courses, since 15 to 24 hours credit of professional work is required for a certificate in Ohio. A graduate of Denison University may secure a provisional certificate, effective for four years, by including in his course certain educational credits prescribed by the State Department of Education. Students meeting the requirements for a provisional teachers certificate may substitute for the courses in Philosophy the following courses in Psychology: 111, 311, 312, 321.

102. Methods of Study. A course designed to familiarize students with the most successful and approved methods of studying. One hour lecture and two hours supervised study. VI, 1 hour. Mrs. Neptune.

211. Introduction to Education. This course deals with classroom management as distinguished from instruction. Types and methods of class organization, grouping of pupils, supervised study, standardized tests, records and reports, are the main topics of this course. Open to freshmen by permission. III, IV, 3 hours. Mr. Hawes, Mrs. Neptune, Miss Wood.

212. Principles of Secondary Education. Study of the secondary school pupil, his physical and mental traits, individual differences, social principles, and subject values. Prerequisite, course 211, with a course in Psychology.

311. The Teaching of Science. To inculcate the power to think constructively; the special methods for imparting that ability. To be offered in even-numbered years, beginning 1928-29. VII, 3 hours. Mr. Hawes.

312. History of Modern Education. Lectures, outside readings, and class discussions. Survey of those programs and practices that were of consequence at the time and that still count in the education of today. Prerequisite, course 211.

313. Health Education and Its Methods. A course intended for teachers of physical education and the natural sciences. The history of public health, standards for judgment, nutrition, the place of physical education
in the health education program, the hygiene of the school building, and methods, programs, and materials for teaching health. This course should be preceded by Zoology 201-202. Not offered 1928-29.

VI. 2 hours. Miss Wood.

315-316. Observation and Participation. This course is intended for direct preparation and is prerequisite to student teaching. It includes classroom work, conferences, two hours of observation, and written reports each week.

VII. 3 hours. Mrs. Neptune.

318. Tests and Measurements. An elective course including lectures, outside readings, and class discussions, covering the general field of intelligence and educational tests, and treating specifically with the improvement of the written test.

VII. 2 hours. Miss Wood.

401. Professional Readings. Selected subject material just off the press gives the prospective teacher the attitude of professional growth, a knowledge of the means of training while in service, and a true idea of professional ethics.

VI. 1 hour. Mrs. Neptune.

411. Methods of Teaching in High School. General methods for prospective high school teachers. The course deals with the problems of the high school teaching, but does not include administrative problems. Prerequisite, course 212.

VI. 3 hours. Mr. Hawes.

414. School Administration and Supervision. A study of the duties and opportunities of administrative and supervisory officers, including a survey of organization and management of educational systems. Observations, surveys, and practical field work under supervision. Prerequisite, 12 hours Education and Psychology. III, 2-3 hours. Mr. Hawes.

415-416. Student Teaching. All effort centers upon these objectives: Teaching under supervision, the preparation of lesson plans, conferences upon lesson plans and conferences following the observed student teaching. Students should not attempt to carry more than 12 academic hours of credit in addition to student teaching. To be arranged, 3 to 6 hours.

For courses in special methods of teaching see English 413, Latin 315, Mathematics 334, Music 211, 212, Physical Education 311, 312, Modern Languages 422, History 327, Christian Education 221.

ENGINEERING SCIENCE

MR. GREESHIFFS, MR. HENDERSON

The Department of Engineering Science aims to give those courses which are basic for the several different branches of engineering rather than to reach up into specialized work. The stu-
Student should bear in mind that courses in such subjects as Chemistry, Physics, Geology, Economics, Business Law, and Accounting, given in their respective departments, are a part of any standard engineering curriculum. A major must include courses 211, 212, 311, 312, and 322. Freshmen in engineering should enroll for Mathematics 121-122 in order to be properly prepared for courses 311 and 312.

111-112. Mechanical Drawing. Use of instruments, simple projections, free hand sketching, lettering, geometric problems, conventional signs, tracing, etc. Fee, $1.00. Students may register for two, three, or four hours, with a maximum of six hours for the year. Tuesday and Thursday, I-II; Monday, Wednesday, and Friday, VI-VII. 2 hours.

113-114. Architectural Drawing. An elementary course in house planning, primarily for students who are not majoring in science or engineering. Drawing of floor plans, elevations, and details. One lecture per week first semester on history of architecture. One lecture per week second semester on interior decorating. Tuesday and Thursday, I-II; Monday, Wednesday, and Friday, VI-VII. 3 hours.

115. Machine Drawing. Fastenings for machinery; working drawings; assembly drawings; and detail drawings. Prerequisites, courses 111-112. Fee, $1.00. Same periods as 111-112. Repeated second semester. 2 hours.

211. Descriptive Geometry. Problems in the point, line, and plane, warped, developed surfaces, intersections and patterns. Prerequisite, courses 111-112. Fee, $1.00. III, 4 hours.

212. Elementary Surveying. Use of steel tape, level and transit; fundamental surveying methods; differential and profile leveling; land surveying, areas and plotting. Prerequisite, course 111 and Trigonometry. Fee, $2.00. Two recitations and two laboratory periods per week. VI, 4 hours.

311. Technical Mechanics. The principles of mechanics with reference to their application to engineering. Mechanics of rigid bodies by graphic and by algebraic methods; mechanics of particles; work and energy; impulse and momentum. Each student is required to provide himself with a slide rule of approved type. Prerequisite, Mathematics 221-222 and Physics 111 and 211. Physics 211 may accompany the course. IV, 4 hours.

312. Mechanics of Materials. Problems in stress and strain, tension, shearing, compression, torsion, flexure; safe loads, columns; beams, slabs, hooks, etc. Prerequisite, Course 311. IV, 4 hours.
322. MATERIALS OF CONSTRUCTION. The chemical and physical properties, uses, methods of manufacture, methods of testing and unit stress of each material are considered. The materials studied are: lime, cement, stone, brick, timber, ores, cast iron, wrought iron, steel, and some of the minor metals and alloys. One quiz section, one lecture, one motion picture lecture per week, one period for reports and computations. Inspection trips are made to manufacturing plants and to the engineering laboratories at Ohio State University.

325. HIGHWAY ENGINEERING. A study of the design and the materials used in the construction of modern roads and pavements. Prerequisite, courses 111, 112, and 212. Fee, $1.00. Alternates with course 327. Not offered in 1928-29.

329. ADVANCED SURVEYING. City, topographic, hydrographic and stream flow surveying. One recitation and one laboratory period per week. Field astronomy: determination of azimuth, time, and latitude. One recitation or one laboratory period per week. Field astronomy taught by Dr. Biefeld. Prerequisite, course 212.

327. RAILROAD CURVES. Simple, compound, and transition curves, turnouts, vertical curves and earthwork computations. Two recitations and three hours field work per week. Field period to be arranged.

336. HYDRAULICS. The principles of hydrostatics and hydrodynamics including the theory of dams, the flow of liquid in pipes and open channels, hydraulic turbines, and centrifugal pumps. Prerequisite, course 212. Alternates with 412. Not offered in 1928-29. Fee, $1.00.

411. ANALYSIS OF STRUCTURES. Determination of working stress in roof and bridge trusses and other steel structures under various conditions of loading, by analytical and graphical methods. Prerequisite, course 312. Fee, $1.00.

412. STRUCTURAL DESIGN. A continuation of course 411. The design of roof and bridge girders and trusses and other structures with drawings. Prerequisite, course 411. Fee, $1.00.

ENGLISH LITERATURE AND RHETORIC

Mr. King, Miss MacNeill, Mr. Shumaker, Mr. Larmore, Mr. Hundley, Mr. Mahood, Mr. Green

Students whose major work is in this department will elect, in addition to the specific requirements, a minimum of twenty-six hours from the courses in English. Among these courses should be included English 321-322 and either English 327 or 333.
The following courses are given:

111-112. **English Composition.** Recitations, themes, conferences, and the study of modern prose writers. Required for all degrees. Sections at periods I, II, III, IV, VI, and VII, 3 hours.

211-212. **English Literature.** A survey of the history of English literature, with particular emphasis on poetry. Prerequisites, courses 111-112. Sections at periods II, III, IV, and VII, 3 hours.

213-214. **Newswriting and Editing.** Prerequisites, courses 111-112. VI, 3 hours. Mr. Green.

**Note:** Courses 111-112, 211-212 are prerequisite to all the other courses in the department except 213-214.

321-322. **Shakespeare.** I, 3 hours. Mr. King.

323. **Milton.** A study of Milton's poetry and prose, with some attention to the minor poets of the period. Alternates with course 335 and is offered 1928-29. II, 3 hours. Miss MacNeill.

324. **The Romantic Movement in England.** 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. IV, 3 hours. Mr. King.

325. **The English Novel.** A study in the development of the novel in England during the 18th and 19th centuries. IV, 2 hours. Mr. Mahood.

326. **The Short Story.** The reading and the analysis of representative modern short stories. IV, 2 hours. Mr. Shumaker.

327. **Anglo-Saxon.** Bright's *Anglo-Saxon Reader*, with special study of the phonology of the language in its historical relations to German and English. Not offered in 1928-29. IV, 3 hours.

329. **The Elizabethan Drama.** Exclusive of Shakespeare. III, 2 hours. Mr. Larmore.

330. **The Modern Drama.** III, 2 hours. Mr. Larmore.

331-332. **American Literature.** VI, 3 hours. Mr. King.

333. **Middle English.** Special attention to Chaucer and the development of the language. Offered in 1928-29. IV, 3 hours. Mr. King.

334. **Advanced Composition.** Expository, critical, and imaginative writing. II, 2 hours.
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335. VICTORIAN POETS. A study of Tennyson, Matthew Arnold, Swinburne, and other poets of the period. Alternates with the course 323 and is not offered in 1928-29. II, 3 hours. Miss MacNeill.

336. BROWNING. An intensive study of the shorter poems, together with the reading of selected longer ones. II, 3 hours, Miss MacNeill.

338. INTRODUCTION TO MEDIEVAL LITERATURE. A study of literary activity in England during the Middle Ages. All reading done in translation. Not a language course. IV, 2 hours.


342. THE MODERN NOVEL. A study of recent and contemporary American and English fiction. Prerequisites, courses 111-112, 211-212, and 325. IV, 2 hours. Mr. Mahood.

413. THE TEACHING OF ENGLISH. A course designed for seniors who expect to teach English in high schools. It meets the requirements for the state certificate in Special Methods. It may also be counted toward a major in English. To apply on the former, six hours in the department of Education and six hours of Psychology are prerequisite. VII, 2 hours. Mr. Shumaker.

GEOLOGY

MR. WRIGHT

The courses in this department are arranged according to a geologic and a geographic sequence. The geologic sequence comprises courses 111-112, 211-212, 411 and 412; the geographic sequence, courses 121-122, 311-312, 411 and 412.

111. GENERAL GEOLOGY. The elements of dynamical and structural geology. The materials of the earth, their structural relations and the forces operating upon them such as streams, wind, ice and waves. The laboratory work includes the study of common minerals and rocks, and geologic and topographic maps. Field work is also included. 3 lecture hours, and two hours of laboratory or field work. III, 4 hours.

112. HISTORICAL GEOLOGY. The history of the earth and the development of its organisms. The major physical events and the most char-
acteristic features of the life of each period from earliest time to the present are presented. 3 lecture hours, and two hours of laboratory or field work.

111. Physical Geography. An elementary course dealing with the earth as a globe, the atmosphere, oceans and lands. This is a desirable course for those who expect to teach science. 2 lecture hours.

112. Geographic Influences in North America. A study of the physical features of North America and the geographic influences in American History. Prerequisite, 121 or 111. 2 lectures and assigned readings.

121. Physical Geography. An elementary course dealing with the earth as a globe, the atmosphere, oceans and lands. This is a desirable course for those who expect to teach science. 2 lecture hours.

211. Mineralogy and Petrology. The common minerals and rocks. Their identification, classification, origin and occurrence. Prerequisites, Geology 111-112 and a year of chemistry. 2 lecture hours, and one two-hour laboratory period. Alternates with course 311. IV, 3 hours.

212. Economic Geology. Non-metallic deposits including coal, petroleum, building stones, natural gas, salt, fertilizers and others. Ore deposits, iron, copper, lead, zinc, gold, silver and others; also their genesis, occurrence and distribution. Prerequisite, courses 111-112, 211. Alternates with course 312.

311. Physiography of the Lands. An advanced course dealing with the evolution of landforms. Constructional landforms, such as plains and mountains, are considered in detail and their histories carefully traced. Prerequisite, courses 121-122. 2 lectures and assigned readings. Alternates with 211; not offered in 1928-29.

312. Map Interpretation. An advanced course in the application of the principles studied in previous courses to the interpretation of topographic maps. Typical examples of constructional and destructional landforms are studied. Prerequisites, courses 121-122, 311. Alternates with 212; not offered in 1928-29.

320. Field Work. An eight-day auto trip across the Appalachians going as far east as Charlottesville, Virginia. A complete section through the Appalachians including the Appalachian Plateau, Allegheny Ridges, Shenandoah Valley, Blue Ridge, and Piedmont. A carefully prepared written report with diagrams and sections is required. Open to students who have completed or are now completing at least a year course in geology. Estimated cost, $55. Not offered for less than eight students. Spring Rec- cess.

411-412. Geologic and Geographic Problems. Properly prepared students may, with instructor's consent, undertake library or field problems in geology or geography. The course will ordinarily be offered one semester each year.
111-112. MODERN EUROPEAN HISTORY, 1500-1914. An introductory course intended distinctly for freshmen. The first semester's work covers the period to 1815 and the second semester's from 1815 to 1914. Hayes' Modern Europe, volume I and Schapiro's Modern and Contemporary European History, are at present used as texts in the courses. Two hours credit per semester if taken by seniors.

I, II, IV, 3 hours. Mr. Chambers.

211-212. MEDIEVAL EUROPE. From the disruption of the Roman Empire to the Renaissance. The coming of the barbarian invaders, feudalism, the rise of the Christian Church and the Papacy, the crusades, the Medieval Empire, the development of culture and the rise of national states are some of the topics studied in this course. Not offered in 1928-29. Not open to freshmen.

IV, 2 hours.

213-214. HISTORY OF ENGLAND. A general course dealing with the political, social and cultural history of the nation and of especial value to students of literature and those expecting to enter law. Not open to freshmen.

III, 2 hours. Mr. Chambers.

221-222. HISTORY OF THE UNITED STATES SINCE THE COLONIAL PERIOD. A foundation course based upon Muzzy, The United States of America, volume I, and Lingley, Since the Civil War. The course is prerequisite for all advanced courses in American History and normally should be taken in the sophomore year. Not open to freshmen.

II, III, 3 hours. Mr. Gewehr.

311-312. RECENT HISTORY OF EUROPE. The diplomatic background of the Great War, the war itself, the Versailles conference and the peace treaties, the new states of Europe, problems of reconstruction, the revival of Turkey and developments since 1918 are the principal topics studied in this course. Prerequisites, courses 111-112 or equivalent. Intended for juniors and seniors.

I, 3 hours. Mr. Gewehr.

313-314. THE FAR EAST. A general survey of the development of China, Japan, India and The Philippines with emphasis on China and Japan. The aim is to furnish a historical background for the interpretation of world problems centering in the Far East and to gain some appreciation of the distinctive culture which these lands offer. The chief emphasis is placed on the period beginning with the contact with the West. Prerequisites, courses 111-112. Not offered in 1928-29.

IV, 2 hours. Mr. Gewehr.
315. **The Near East.** This course deals primarily with the history of the Balkan States from the earliest times to the present. The coming of the Slavs, the rise and disruption of the old Turkish Empire, development of the modern Balkan nations, Near East problems since the Great War. Stress is placed upon contemporary events. Prerequisites, courses 111-112. Intended for juniors and seniors. Not offered in 1928-29.

IV, 3 hours. Mr. Gewehr.

316. **The History of Latin America.** From the colonization by the Spanish and Portuguese to the present. The institutions of the old regime, the wars of independence, development and problems of the new nations and their relations to the United States, are emphasized. Intended for juniors and seniors. Not offered in 1928-29.

IV, 3 hours. Mr. Gewehr.

317-318. **The Ancient World.** From the dawn of civilization to the period of Justinian. First semester, the Orient and Greece; second semester, Roman History. Intended for juniors and seniors but open to sophomores by permission. Given by the Department of Latin.

VI. 3 hours. Mr. Dean.

321-322. **The American Colonies.** The colonization of North America, the development of institutions in the English colonies, the struggle with New France, the background of the American Revolution are studied. Prerequisite, courses 221-222 or equivalent. II, 2 hours. Mr. Gewehr.

323-324. **History of the American Frontier.** The dominant influence in the shaping of American national life and institutions has been the westward movement of the frontier. The history of this frontier from the Alleghenies to the Pacific is traced together with its problems and its contributions to our national life. Prerequisites, courses 221-222 or equivalent. IV, 2 hours. Mr. Gewehr.

327. **The Teaching of History and the Social Sciences in the High School.** The recitation; the use of maps, charts, diagrams, notebooks, collateral reading, the problem of emphasis, and the High School library are topics to be dealt with at length. Particular emphasis is placed on the teaching of history. For juniors and seniors, preferably seniors. I, 2 hours. Mr. Chambers.

413-414. **Constitutional History of the United States.** 1763-1865. An advanced course for juniors and seniors in which it is aimed to study the great constitutional problems and controversies in American History through the period of the Civil War. Prerequisites, courses 221-222 or equivalent. Not offered in 1928-29. II, 3 hours.
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MATHEMATICS

MR. WILEY, MISS PECKHAM, MR. RUPP, MISS TIPPET

Freshmen register for course 111 or 121. Those who have had high school trigonometry register at period IV, preferably for 121.

A major in mathematics must include at least one course numbered above 350.

Sequence No. 1

111. COLLEGE ALGEBRA. Students are placed in sections according to ability.

1, II, III, IV, 4 hours.
Miss Peckham, Mr. Rupp, Miss Tippet.

112. PLANE TRIGONOMETRY. Students are placed in sections according to ability.

I, II, III, IV, 4 hours.
Miss Peckham, Mr. Rupp, Miss Tippet.

211. ANALYTIC GEOMETRY. Prerequisites, courses 111, 112.

Mr. Rupp at I, Miss Peckham at II. 4 hours.

212. DIFFERENTIAL CALCULUS. Prerequisite, course 211 or 122.

Mr. Rupp at I, Miss Peckham at II. 4 hours.

311. INTEGRAL CALCULUS. Prerequisite course 212.

III, 4 hours.

Sequence No. 2

Advised by the heads of the departments concerned for those who anticipate doing their major work in astronomy, mathematics, physics or engineering. It should be elected by those who excelled in high school mathematics.

121-122. COLLEGE ALGEBRA, PLANE TRIGONOMETRY, ANALYTIC GEOMETRY. A combined two-semester course covering the ground of courses 111, 112, 211.

IV, 5 hours. Mr. Wiley.

221-222. DIFFERENTIAL AND INTEGRAL CALCULUS. (Extended course.) Prerequisite, 122 or 211.

I, 5 hours. Mr. Wiley.

Non-sequence Courses

Of the following courses, 224, 351 and 352 are offered in 1928-29, and 214, 323, 334, 335 and 452 in 1929-30.

214. SURVEY OF MATHEMATICS. A non-technical cultural course of lectures and assigned readings designated to give the general student an
idea of the meaning and value of mathematics. Open to sophomores, juniors and seniors. Not offered in 1928-29.

224. Mathematical Theory of Investment. An introduction to the algebra of certain forms of investment, and to the fundamental principles of life insurance. Prerequisite, 111 or 121. Alternates with course 332, and is offered in 1928-29.

III, 2 hours. Mr. Wiley.

323. Teaching of Mathematics. This course is designed for those preparing to teach secondary school mathematics. Offered in alternate years and not in 1928-29.

III, 2 hours.

332. Theory of Equations. This course covers the theory of the algebraic equation and other selected topics in algebra. Prerequisite, 211 or 122. Alternates with course 224 and is not offered in 1928-29.

III, 3 hours.

334. Solid Analytic Geometry. This course extends into three dimensions, the work begun in course 211. Prerequisite, 211 or 122. Not offered in 1928-29.

III, 3 hours. Mr. Rupp.

335. Synthetic Projective Geometry. An introductory course. Offered in alternate years and not in 1928-29. Prerequisite, 211 or 122.

II, 4 hours. Mr. Wiley.

Courses Requiring the Calculus

351. Advanced Calculus. The content of this course will vary somewhat from year to year to meet the needs of the students electing it. Offered in alternate years and in 1928-29. Prerequisite, 311 or 222.

II, 4 hours. Mr. Wiley.

352. Differential Equations. An introductory course. Prerequisite, 311 or 222. Alternates with course 452 and is offered in 1928-29.

II, 4 hours. Mr. Wiley.


II, 4 hours. Mr. Wiley.

452. Vector Analysis. A concise treatment of the fundamental principles of the subject, with selected applications to geometry and mathematical physics. Prerequisite, course 311 or 222. Juniors admitted. Alternates with course 352 and is not offered in 1928-29.

II, 3 hours. Mr. Wiley.
MILITARY SCIENCE AND TACTICS
CAPTAIN COMSTOCK, LIEUTENANT BRINSON

The Department offers a Basic Course and an Advanced Course. A commission as Second Lieutenant of Infantry in the Officers Reserve Corps with assignment to a Reserve Corps organization, if desired, is tendered to each student who successfully completes the Advanced Course. Although these courses are arranged to provide training in basic principles of National Defense, they provide opportunities to develop higher ideals for altruistic service, greater skill in successful leadership, and a broader realization of duties of efficient citizenship in peace or war.

111-112, 211-212. Basic Course. A two-year progressive course, the first year of which is planned to include the essentials of the training of the infantry soldier, including infantry drill, the duties of the soldier in combat, rifle marksmanship, range practice, physical training, military courtesy, military hygiene and first aid. The work of the second year is intended to teach the duties of the infantry squad leader and all students are given an opportunity to exercise command and develop their qualities of leadership; scouting and patrolling, musketry, interior guard duty, and the use of the automatic rifle, including range practice. The course is open to all physically fit male students who are United States citizens. It should be commenced at the beginning of the freshman year by all who desire to complete the full course and receive a commission in the Officers' Reserve Corps. A student who enrolls in this course is required to complete the two years' work as a prerequisite to graduation, unless excused by the college authorities upon recommendation of the Professor of Military Science and Tactics. I, II, III, or IV, 2 hours, and drill each Monday VI and VII during half of each semester.

311-312, 411-412. Advanced Course. A two-year progressive course continuing the work of the Basic Course. This course is particularly intended to develop leadership. Students serve as non-commissioned officers in the training of Basic students. The work of the third year consists of training in the duties of section leaders and guides in drill and combat, military sketching, military field engineering, use of the machine gun, including range practice, and military law. During the fourth year students assume the duties of platoon and company commanders and take up the study of tactics, military history, administration, the use of the 37mm. gun and trench mortar, and the military policy of the United States. This course is open to those who have successfully completed the Basic Course and have shown
such fitness therein as to cause their selection by the President of the University and acceptance by the War Department for further training. Students who are permitted to enroll in this course sign a contract with the government to pursue the course for two years, if they remain in college, and attend one summer camp. This contract places no obstacles in the way of the signer withdrawing from college or transferring to another college. Camp attendance is normally in the summer between the junior and senior years, but, for satisfactory reasons, may be taken after graduation. 5 hours per week. Courses 311-312. Mon., Tues., Wed., Thurs., Fri., III or IV. Courses 411-412. Mon., Tues., Wed., Thurs., Fri., I or II.

MODERN LANGUAGES

MR. CHAMBERLIN, MR. ODEBRECHT, MRS. SKINNER,
MR. MONCADA, MR. AMNER, MR. FELT

A knowledge of one modern foreign language, equivalent to a 2-years course in college, is required of all students as a condition for graduation. For a major in this department 24 hours of credit beyond the above requirement are necessary. No credit is allowed for less than a year of an elementary course.

GERMAN

111-112. ESSENTIALS OF GERMAN. A beginning course aiming to impart a basic knowledge of the language essential for its use in literary and scientific lines. Daily use of the foreign idiom. IV, VI, 4 hours.

211. MODERN AUTHORS. Reading and analysis of stories by standard authors, with daily use of German. Review of the grammar and systematic
study of syntax and style. Prerequisites, courses 111-112 or 2 years of German in secondary school.

212. CLASSICAL LITERATURE. Some of Schiller's lyrics and one or more of his dramas, usually Wilhelm Tell, and Goethe's Hermann und Dorothea are read, with attention to the poetic and dramatic principles, and with an introductory study of the classical period of German literature. Prerequisite, course 211.

213-214. SCIENTIFIC GERMAN. A year's course for students interested in scientific works. General articles on different branches of science are chosen for the first semester's reading, and special articles in periodicals for the second semester. Co-ordinate with courses 211-212, and same prerequisites.

311. GERMAN CLASSICS. An appreciative reading and interpretation of some of the greatest works of Lessing, Schiller and Goethe. Prerequisites, courses 211-212, or 213-214.

FRENCH

111-112. BEGINNERS' FRENCH. A year's work, comprising the essentials of French grammar, reading, and an introduction to the spoken and written language; daily use of French in oral and written exercises.

211. NARRATIVE DISCOURSE. Stories and descriptive articles by modern authors are used and form the basis of daily practice in the use of the foreign tongue; review of French grammar, specially of verbs, and systematic drill in writing French. Prerequisites, courses 111-112, or 2 years of French in secondary school.

212. NOVEL AND DRAMA. Continuation of course 211. Modern works are read, accompanied by a deeper study of idioms and style; a drama is read at the last of the course; outside readings; writing and speaking French. Prerequisite, course 211.

311. MODERN LITERATURE. Intensive and extensive reading of prominent works of modern French authors, with attention to linguistic and literary forms; dictations, résumés, and themes in the foreign tongue. Prerequisites, courses 211-212.

411. THE CLASSIC DRAMA. Characteristic plays of Corneille, Racine and Molière, in their settings of French society in the XVII century;
principles of classicism; outside readings and reports. Prerequisites, course 312.

412. SURVEY OF FRENCH LITERATURE. Review of periods and writers from the Middle Ages to the present, by lectures and readings; an outline of French literature, with selections for reading; reports, reviews, and a semester theme. Prerequisites, course 311-312. III, 3 hours. Mr. Odebrecht.

414. FRENCH ROMANTICISM: A study of the Romantic movement in France, with special reference to the poetry of Hugo, Lamartine and de Musset; lectures and readings; reports and reviews by students. Prerequisite, course 411. I, 3 hours. Mr. Odebrecht.

**ITALIAN**

311-312. BASIC COURSE in grammar and reading; Goldoni’s La Locandiera or similar work is read. Prerequisites, French 111-112, or Spanish 111-112.

**SPANISH**

111-112. ELEMENTARY COURSE, embracing a systematic study of the grammar, reading of simple narratives, and daily practice in the use of Spanish speech.

211-212. INTERMEDIATE COURSE. Review of grammar, oral and written use of Spanish. Readings from representative authors; reports on outside reading. Prerequisites, courses 111-112, or 2 years of Spanish in High School.

311. THE SPANISH NOVEL. Development of the Spanish novel to the time of Galdós, with special reference to the novelists of the nineteenth century; collateral readings and reports. Prerequisites, courses 211-212. Alternates with course 313. Offered in 1928-29. II, 3 hours. Mr. Moncada.

312. THE SPANISH THEATER. Survey of the Spanish drama to the time of Echegaray, with particular study of the dramatists of the nineteenth century; outside readings, reviews and reports. Prerequisite, course 311. Alternates with course 314. Offered in 1928-29. II, 3 hours. Mr. Moncada.

313. CONTEMPORARY SPANISH NOVEL. Course 311 continued and brought down to the novelists of the present day. Prerequisites, courses 211-212 or 311. Not offered in 1928-29. II, 3 hours.

314. CONTEMPORARY SPANISH DRAMA. Continuation of Course 312, with emphasis on the present dramatists. Prerequisites, course 313 or 312. Not offered in 1928-29.
414. THE GOLDEN AGE OF SPANISH LITERATURE. The works of Cervantes, Lope de Vega and Calderon; lectures on the classic period; outside readings and reports. Prerequisites, course 312, or the consent of the instructor. I, 3 hours. Mr. Moncada.

422. THE TEACHING OF MODERN LANGUAGES. Handschin's *Methods of Teaching Modern Languages* is the basis; discussions of the methods, objectives, and tests of modern language study in high school and college; various text books will be reviewed, weekly readings assigned, and teaching practiced before the class. Prerequisites, 3 years of some modern foreign language. Given in alternate years. Offered in 1928-29. VI, 3 hours. Mr. Chamberlin.

MUSIC

MR. ESCHMAN, MR. STARK, MISS SPEICHER, MISS SUMMERS

Courses in this department are open to all students of the University without prerequisites. For students taking a principal sequence in Music, it is recommended that courses 101-102 and 111-112 be taken in the freshman, 221-222 in the sophomore, 331-332 in the junior, and 441-442 in the senior year. Courses 201, 202, 311 and 312 may be taken in any year.

101. APPRECIATION OF MUSIC. Primarily for college students. A course in the development of musical appreciation, without prerequisites. Students paying regular college tuition may elect the course without extra charge. For others the fee is $8.00. VII, 2 hours. Mr. Eschman.

102. METHODS OF APPRECIATION. Fee, $8.00, except to students paying full college tuition. VII, 2 hours. Mr. Eschman.

103-104. Choral or ensemble training, hours to be arranged. 3 hours of choral or ensemble training are required for 1 hour of college credit. This course may be repeated in successive years, but not more than 4 hours may be applied towards any college degree. Mr. Eschman.

111-112. ELEMENTARY HARMONY. Fee, $8 each semester to Conservatory students. Students paying full college tuition may elect these courses without extra charge. II, IV, and a third section to be arranged. 2 hours. Miss Summers.
201. **History of Music to the Eighteenth Century.** Fee, $12.
   VI, 3 hours. Mr. Eschman.

202. **History of Music, from the Eighteenth Century to the Present Time.** A continuation of course 201, but may be elected separately.
   VI, 3 hours. Mr. Eschman.

203-204. Music 103-104 is repeated in a second year with additional credit. Total of four hours possible, one in each of four semesters.

211-212. **Public School Music Methods.** Fee, $8 each semester.
   I, 2 hours. Miss Speicher.

213-214. **Advanced Public School Music Methods.** Fee $8 each semester.
   II, 2 hours. Miss Speicher.

221-222. **Advanced Harmony.** Fee, $12, each semester.
   I, IV, 3 hours. Mr. Eschman and Mr. Stark.

301. **Terminology and Conducting.** Fee, $8.
   IV, 2 hours. Miss Speicher.

302. **Orchestration.** Fee, $8.
   IV, 2 hours. Miss Speicher.

303-304. **Practice Teaching in Music.** Fee, $12. Total credit 3 hours. May be taken in either semester or divided with one and one-half hours credit each semester and $6 fee.
   Miss Speicher.

311-312. **Musical Form.** Fee, $8 each semester.
   III, 2 hours. Mr. Eschman.

331-332. **Counterpoint.** Fee, $12 each semester.
   III, 3 hours. Mr. Eschman.

441-442. **Strict Composition.** Fee, $8 each semester.
   II, 2 hours. Mr. Eschman.

451-452. **Free Composition.** Fee, $8 each semester.
   I, 2 hours. Mr. Eschman.

**PHILOSOPHY**

**Mr. Spencer, Mr. Boughton**

222. **Logic, Deductive and Inductive.** The subject is treated not merely as a system of mental gymnastics but as a method of practical training for philosophical, scientific and judicial investigation. Open to sophomores, juniors and seniors.
   VII, 3 hours. Mr. Boughton.
223. **ARGUMENTATION.** A careful study of the subject matter and form of propositions, the definition of terms, the analysis of the contentions, the discovery of the main issues, evidence, persuasion, and refutation. Brief-making, pleading, and debating followed by judicial criticism. Open to sophomores, juniors and seniors. VII, 3 hours. Mr. Boughton.

224. **ARGUMENTATION APPLIED.** Students taking part in the inter-collegiate debating teams may enroll in a regular class, under the instruction of the Professor in charge of the course, who is also Chairman of the Faculty Committee on Inter-collegiate Debating. When the work is satisfactorily done, scholastic credit is given. 1 to 3 hours. Mr. West.

321. **ETHICS.** A discussion of the principles that obtain in moral conduct, and of their application. Open to juniors and seniors; to others by permission of instructor. IV, VI, 3 hours. Mr. Boughton.

322. **EVIDENCES OF CHRISTIANITY.** The view of the world from the standpoint of the Christian compared with conflicting philosophical theories; the character of Jesus Christ; the evidence of Christian experience; early and later historical testimony, and the fruits of the Christian religion. Open to juniors and seniors; to others by permission of instructor. IV, VI, 3 hours. Mr. Boughton.

331. **INTRODUCTION TO HISTORY OF PHILOSOPHY.** This will include the study of Greek Philosophy, the philosophy of the early Christian period and that of the Middle Ages. Careful attention will be given to the development of the philosophical theories and to leading the students into accurate, independent and deeper thinking. Open to juniors and seniors; to others by permission of instructor. III, 2 hours. Mr. Boughton.

332. **HISTORY OF MODERN PHILOSOPHY.** This will include the systems of Des Cartes, Spinoza, Locke, Berkeley, Rousseau, Kant, Hegel, Comte, Darwin, Spencer, Bergson, James, Royce, Dewey and others. Open to juniors and seniors and others who have had Philosophy 331. III, 2 hours. Mr. Boughton.

441. **SURVEY OF PHILOSOPHICAL PROBLEMS.** The purpose of this course is to investigate and classify the outstanding philosophical theories and principles which have created great interest and have exerted an abiding influence. Prerequisites, Philosophy 331-332. 2 hours. Mr. Boughton.

442. **PHILOSOPHY AND RELIGION.** The essence of Religion and its relation to Philosophy. Is there any necessary antagonism between them? Have the great philosophers been religious? Have the great theologians been philosophers? How does Christianity affect Philosophy? How has Philosophy affected Christianity? Lectures and seminar research on these and kindred questions. Prerequisite, six hours of Philosophy. VII, 2 hours. Mr. Boughton.
111. **Required of Every Freshman.** The work in this course is based on a thorough physical examination and strength tests given at the beginning of the entering semester for the purpose of classifying the students into groups of similar ability. Ten efficiency tests are given at the end of the semester and must be passed before a student is permitted to take course 112. The course includes general body building exercises, gymnastics and athletic games.

112. **Required of Every Freshman.** A continuation of course 111. 1 credit, 3 hours.

211. **Required of Every Sophomore.** A continuation of course 112. 1 credit, 3 hours.

212. **Required of Every Sophomore.** A continuation of course 211. 1 credit, 3 hours.

311. **The Teaching of Physical Education.** This course is intended for those who expect to enter public school work. It includes the technique of teaching, planning and conducting class work; the organization of material and adaptation to various groups; special methods applied to the teaching of spring games, outdoor sports and gymnastics. 2 lectures and 2 laboratory periods. III, IV. 2 hours. Mr. Jenkins.

312. **The Teaching of Physical Education.** Continuation of course 311. Fall games, sports and indoor gymnastics. III, IV. 2 hours. Mr. Jenkins.

333. **Theory and Practice of Physical Education.** Prevention and care of injuries; training of athletes; massage work; study and practice in the theory, strategy and mechanics of directing track and field sports; boxing and wrestling. Prerequisites, courses 111-112. 3 lectures and 2 laboratory periods. II, 3 hours. Mr. Livingston.

334. **Theory and Practice of Physical Education.** A consideration of the more formalized types of activities and their application in elementary and secondary schools and colleges. Study of motor efficiency tests. Study and practice in the theory, strategy and mechanics of directing basketball, baseball, boxing and wrestling. Prerequisites, courses 111-112 and 333. 3 lectures and 2 laboratory periods. II, 3 hours. Mr. Livingston.
335. **History and Principles of Physical Education.** The history of physical education from ancient to modern times, the different systems of physical education and the contribution of each to our present day methods. The places of formal gymnastics, rhythmical work, play, and athletics in physical education are discussed. The principles underlying the selection of games and activities adapted to the several ages and the changing interests of children are outlined. Prerequisites 111-112.

II, 2 hours. Mr. Livingston.

336. **Organization and Principles of Physical Education.** Organization and best methods of administration for various types of institutions, playgrounds, etc. Prerequisites, 111-112.

II, 2 hours. Mr. Livingston.

441. **Theory and Practice of Physical Education.** Study and practice in the theory, strategy and mechanics of directing football, including judgment and psychology in handling men. Kinesiology, lectures dealing with the anatomical mechanics and movements. The purpose of this course is to acquaint the student with means of analyzing movements intelligently and prescribing programs of gymnastics and sports for developmental or corrective purposes. Prerequisites, courses 111-112, 211-212. 3 lectures and 2 laboratory periods.

VI, 3 hours. Mr. Livingston.

442. **Theory and Practice of Physical Education.** Therapeutic gymnastics and physical examination, lectures, recitations and practice in giving exercises suitable for each condition. Text book study of personal hygiene. Prerequisites, 111-112, 211-212.

VI, 3 hours. Mr. Livingston.

**Sheppardson College**

**Miss Barr, Miss Badenoch, Miss Boland**

A course in physical education is required of all freshmen and sophomores, 3 hours per week, each course earning 1 credit hour per semester. A physical examination of each student is made at the beginning of the year, the results of which are filed and used in assigning students to classes according to their respective needs.

111-112. **Freshmen.** Required for a degree. In the fall and spring seasons, 3 hours outdoor work in organized sports: track, archery, baseball, field hockey and tennis; in the winter season, indoor work: 2 hours (a) gymnastics or (b) corrective or remedial work, if the physical examination indicates the need of special work in these lines; 1 hour chosen from the following electives: elementary and advanced swimming, folk-
dancing, elementary and advanced rhythmic dancing, elementary and advanced basketball. One credit, 3 hours.

211-212. SOPHOMORES: Required for a degree. Advanced work on topics as in course 111-112. Prerequisite, 111-112 or its equivalent.

One credit, 3 hours.

311-312. ORGANIZED SPORTS AND ADVANCED GYMNASTICS. Open to juniors and seniors who have completed courses 111-112, 211-212.

No credit, 2 hours.

313-314. THEORY AND PRACTICE OF PLAY ACTIVITIES. A study of the fundamental theories of play, and practice in their application to the teaching of play activities, folk-dancing, and athletics. Open to seniors, juniors and sophomores. 2 hours lecture and 2 hours in practical application per week. Prerequisite, courses 111-112, and Zoology 201. 3 hours credit.

PHYSICS

Mr. Coons, Mr. Howe

The major sequence consists of courses 111-112, 211 and 212, with eight additional hours in Physics. Students preparing for graduate work should elect courses 431-432, 441-442 in addition to the above. The minor sequence consists of courses 111, 112, 113 and is a minimum preparation for students planning to teach physics in secondary schools.

111. GENERAL PHYSICS. Lecture demonstrations and recitations covering the more important principles of mechanics, sound and heat. Prerequisite, one year of high school physics. Trigonometry should accompany or precede this course.

I, VI, 3 hours.

112. GENERAL PHYSICS. A continuation of Physics III, Electricity, magnetism and light. Prerequisites, Physics 111 and Trigonometry.

I, VI, 3 hours.

113-114. GENERAL PHYSICS. Laboratory courses paralleling the work of courses 111-112. Elective for students who are registered in Physics 111-112, and desire a less extensive laboratory training than is offered in Physics 211-212. Fee, $2.00. I-II, III-IV, VI-VII, 2 hours.

211. LABORATORY PHYSICS. The essentials of mechanics, molecular physics and heat. Prerequisites. Physics 111-112 and Freshman Mathematics. Fee. $1.00. III-IV, 3 hours or VI-VII, 3 hours.
212. LABORATORY PHYSICS. The more fundamental experiments in sound, light, magnetism and electricity. Prerequisites, Physics 111-112 and Freshman Mathematics. Fee, $3.00. III-IV, 3 hours or VI-VII, 3 hours.

311. ELECTRICAL MEASUREMENTS. A laboratory course in electrical measurements. Prerequisites, Physics 111-112 and the calculus. Fee, $3.00. VI-VII, 3 hours.

312. LIGHT. A laboratory course in light, consisting of measurements in diffraction and interference. Prerequisites, Physics 111-112 and the calculus. Fee, $3.00. VI-VII, 3 hours.

333. KINETIC THEORY. A lecture course presenting the kinetic theory and elementary thermodynamics. Prerequisites, Physics 111-112 and the calculus. III, 3 hours.

334. ELECTRON THEORY. A lecture course on the electron theory presenting the current ideas regarding the structure of the atom. Prerequisites, Physics 111-212 and the calculus. III, 3 hours.

341. HISTORY OF PHYSICS. A lecture and library course treating the development of physics from an historical viewpoint. Prerequisites, Physics 111-212. VII, 2 hours.

344. RADIO TELEGRAPH AND TELEPHONE. Laboratory work and lectures treating the fundamental principles underlying modern wireless telegraph and telephone circuits. Prerequisites, Physics 111-212. Fee, $3.00. I-II, 3 hours.

431-432. ELEMENTS OF ELECTRICAL ENGINEERING. A lecture and laboratory course presenting the general theory of direct and alternating current circuits and their application to direct and alternating current machinery. Prerequisites, Physics 111-212 and the calculus. Fee, $3.00. III, 2 hours, with one 4-hour laboratory period, 4 hours credit.

441-442. THESIS IN PHYSICS. Elective for seniors who take their major work in Physics. Students who have shown ability to profit by such a course will be assigned a problem for individual investigation. 2 to 5 hours.

POLITICAL SCIENCE

MR. WEST

211. AMERICAN GOVERNMENT. An introductory course devoted primarily to the organization and actual workings of the government of the United States. This course will be required of all who major in political science and is a prerequisite for the other courses in the department. IV, 3 hours.
212. **European Governments.** A comparative study of the governments in the principal European states, with special attention to the organization and functions of governmental agencies of Great Britain, France, Germany, Italy, Switzerland and Russia. This course is intended to follow course 211 in the first year's work in political science. IV, 3 hours.

315. **Municipal Government.** A study of the political organization and chief functions of cities, the relation of the city to the state, forms of charters, home rule, new forms of city government and the administration of finance, police and other activities. Not offered in 1928-29. III, 3 hours.

316. **American State Government.** A study of the government of the states of the Union. The State constitutions, the organization and functions of the executive, legislative and judicial branches are studied together with the important problems connected with state government. Not offered in 1928-29. III, 3 hours.

317-318. **Political Parties.** A study of the development, composition, machinery and methods of American political parties. Prerequisite, course 211. III, 3 hours.

319. **International Relations.** A study of recent European diplomacy, the development and organization of the agencies of international government and the principal problems of contemporary international politics. Prerequisite, course 212. III, 2 hours.

322. **History of Political Theory.** This is a course dealing with the development of political thought from the time of Plato and Aristotle to the present time, with special attention to certain great ideas and certain important periods. Prerequisite, course 211. III, 3 hours.

425. **Constitutional Law.** A study of the law of the American constitution; the origin and nature of the constitution; the relationship between federal and state governments; citizenship; impairment of contracts; due process of law; class legislation; police power; and inter-state commerce. Prerequisite, course 211. II, 5 hours.

426. **International Law.** This course aims to give a comprehensive view of the general body of rules observed by states in their interstate relations both in peace and in war. A text book and important illustrative cases will be studied. Prerequisite, course 211. II, 5 hours.

**PSYCHOLOGY**

**Mr. Lewis, Miss Wood**

111. **Beginner's Psychology.** This course will be limited to the minimum essentials of the subject. It will emphasize the learning process,
development and control of attention, memory training, etc. Open to freshmen and sophomores who cannot wait for course 311. II, 3 hours.

311. General Psychology. An introductory study of the different functions of the mind and of the laws controlling mental activity. Stress laid on sensation, perception, concept and language development. Repeated the second semester at IV. III, IV, 3 hours.

312. Applied Psychology. A study of psychology from the point of view of its practical utility. Attention will be given to the extension of the subject into the fields of business, health, and matters of daily living. Prerequisite, course 111 or 311. III, IV, 3 hours.

321. Psychology of Education. An introduction to the fundamentals of educational theory and practice from the side of psychology and sociology. Prerequisite, course 111 or 311. Repeated the second semester at VII. VII, 3 hours.

331. Experimental Psychology. A study of the more important processes by the laboratory method. Sensation, attention, memory, imagery, association and motor reactions. Prerequisites, course 111 or 311. Recitation Wed., III, laboratory Fri., III-IV, and Wed., VI-VII. 2-3 hours.

332. Experimental Psychology. Observation and analysis of the different types of learning under laboratory control. Mental testing, group and individual. Prerequisites, courses 111 or 311, and 321 or 331. Recitation Wed., III, laboratory Fri., III-IV. 2 hours.

412. Recent Tendencies in Psychology. A survey of "Behaviorism", of Gestalt psychology, and of the more conservative changes recommended by the old-time psychologists; and an attempt to find out just what substitutions or modifications are proposed and what consequences are likely to follow from these new views. Prerequisites, courses 111 or 311, and 312. VI, 3 hours.

PUBLIC SPEAKING

Mr. Johnston

This department affords training in expression by applying principles for developing the voice, mind, and body in reading and speaking. The work is in no sense a mere coaching for occasions, but a personal, cultural training which aims at helping the student gain command of his own creative powers.
111-112. Fundamentals of Expression. A general preparatory course in the art of self-expression through speech and action. The aim is to enlarge the student’s native powers, give him self-control and awaken his interest in oral interpretation. II, IV, VII, 3 hours.

211-212. Extempore Speaking. Practice in thinking in the presence of others and in presenting one’s thoughts in a vigorous and attractive manner. The more common forms of occasional speech will be studied, with appropriate criticism by the instructor and class members. Parliamentary drill. Prerequisite, courses 111-112. VI, 3 hours.

311. Dramatic Reading. This course aims to develop the ability to express privately or from the platform some of the best thoughts of the world’s great minds. Study of the tone qualities, gestures and attitudes employed by the reader as distinguished from the orator. Presentation of short scenes from standard plays. Prerequisite, courses 111-112. III, 3 hours.

312. Advanced Reading. A course intended for those who have a special talent or liking for dramatic expression. Portions of the poetry and prophecy of the Bible will be studied for public reading, also scenes from one or two Shakespearean tragedies. Prerequisite, course 311. III, 3 hours.

Sociology and Economics

Sociology

Mr. Detweiler

Students majoring in this department must specialize either in Sociology or in Economics. In the former case Economics 211-212 must be taken; in the latter case six hours of Sociology may be included in the major sequence.

211. Social Problems. Facts about American society showing the need of sociological study. Such problems as defectiveness, poverty and crime are approached in the attempt to gain a social and scientific point of view. Open only to sophomores, juniors, and such seniors as may be admitted after conference with the instructor. 1, III, 3 hours.

212. The Family. The history of the family is treated in detail, ending with a view of present-day family problems. Prerequisite, course 211. 1, III, 3 hours.

302. Modern Radicalism. Socialism, anarchism, bolshevism, other radical philosophies, and criticisms of present-day society. Prerequisites, History 111-112, English 111, 112, 221, 222. 11, 2 hours.
309. **Social Anthropology.** Primitive peoples, races of mankind, and the origin and history of culture ("civilization"). The course may be called cultural anthropology. Prerequisites, courses 211-212. IV, 3 hours.

312. **Immigration and the Negro.** A detailed study of race problems in America, based on old-world heritages, the findings of anthropology, and present problems. Prerequisite, course 309. IV, 3 hours.

318. **Social Psychology.** The elements of general psychology are presupposed and a study is made of the processes of group behavior. Prerequisites, Psychology 111 or 311, and courses 211-212. II, 3 hours.

411. **Social Work.** A course preliminary to later vocational training looking toward the relief of poverty and especially to family case work in its modern phases. Prerequisites, courses 211-212, and Economics 211-212.

**Economics**

211-212. **Elementary Economics.** The wealth-getting and wealth-using activities of mankind, the organization of production, mechanism for exchange, consumption, valuation and distribution. Special emphasis is placed on the theory underlying modern economic problems. Not open to freshmen. VI, VII, 3 hours.


312. **Land Economics.** An analysis of land as a factor of production. The classification and utilization of land, land credit, policies of land settlement and development. Attention is also given to policies of land taxation. Prerequisite, course 211. Not offered 1928-29. II, 3 hours.

324. **Financial Processes.** A study of the methods used by a business unit in getting its money. Making use of a bank. Corporate securities, promotion, administration of income, reserves, surplus, and dividends; expansion and its problems; failure and reorganization. Prerequisites, course 211. Not offered 1928-29; alternates with course 326. I, 5 hours.

325. **Business Law.** A survey of the field. The law of contracts, sales, commercial paper, agency, partnerships, corporations. A case course aided by supplementary text book reading. Prerequisites, courses 211-212 or special consent of instructor. Open to juniors and seniors. I, 5 hours.
326. **Principles of Accounting.** Sufficient book-keeping will be introduced to aid the student in his study of the theory. Prerequisites, courses 211-212 or concurrent registration in course 212. Offered 1928-29; I, 5 hours; alternates with course 324.

327. **Elements of Public Finance.** Consideration is given to both federal and state tax problems. Prerequisites, courses 211-212. Offered 1928-29; II, 3 hours; alternates with course 311.

412. **Labor Problems.** The legal, economic, and social problems involved in industrial relations, attempted solutions such as trade unionism, shop committees, socialism, legislation. Prerequisites, courses 211-212.

III, 3 hours.

**Zoology**

Mr. Lindsey, Mr. Morgan

Course 111-112 of the department of Botany may be substituted for Zoology 111-112 as preparation for advanced courses, if necessary for the completion of major or pre-professional requirements. Course 111-112 meets the entrance requirements of medical colleges as a minimum; 221-222 is recommended by all medical colleges in addition, and 224 is recommended by all and required by a few.

111-112. **General Zoology.** An introductory course including text assignments, lectures and laboratory work. The biological aspects of the science are considered, including the properties of living matter, the cell, heredity and topics of like nature. In addition a general survey of the animal kingdom based on classification and morphology is pursued in class and in the laboratory. Fee, $1.25 per hour of credit. Lectures Mon., Wed., Thurs., Fri. 1-IV; Mon., Wed., VI-VII.

4 hours. Mr. Lindsey, Mr. Morgan.

201-202. **Physiology and Hygiene.** A study of the normal functions of the human body, common causes of impairment and the proper conduct of the physical life of the individual. Text, lectures and demonstrations. No prerequisites.

IV, 3 hours. Mr. Morgan.

211-212. **Vertebrate Zoology and Comparative Anatomy.** A study of the definite structures, ancestry, ecology, and briefly of the classification of the vertebrates. A little more than one semester is devoted to the comparative anatomy of these animals. Text assignments and lec-
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Laboratory work consists of detailed dissections and comparative studies of the dog-fish, an amphibian, a reptile and a mammal, with other subjects at the discretion of the instructor. Fee, $1.25 per hour of credit. Prerequisites, Zoology 111-112. Lectures Tues., Thurs., III; Lab. Wed., Fri., III-IV. 4 hours. Mr. Morgan.

223. HISTOLOGY. A study of the minute structure of vertebrates, chiefly mammals. Text and lectures. Laboratory will include the preparation and study of the tissues and organs considered in class. Prerequisite, Zoology 111-112. Fee, $1.25 per hour of credit. Two classes per week and three laboratory periods of two hours each, or three classes and two laboratories, at the discretion of the instructor.

Mon., Wed., II; Tues., Thurs., Fri., I-II. 5 hours. Mr. Lindsey.

224. EMBRYOLOGY. A study of the formation of the germ cells, cleavage, the germ layers, and the development of adult structures in the vertebrates. Laboratory work includes the study of cell behaviour and of the developing frog, chick and pig. This course should follow 223 but may be taken separately if needed for medical entrance. Prerequisite Zoology 111-12. Periods as in course 223. Fee, $1.25 per hour of credit. 5 hours. Mr. Lindsey.

225. BIOLOGICAL THEORY. A study of genetics and eugenics. Text of lectures and assigned readings. Prerequisite, Zoology 111-112. III, 2 hours. Mr. Lindsey.

226. BIOLOGICAL THEORY. Readings and discussions on the theory of evolution, including evidence from the different branches of science and the salient theories of method. Prerequisite, Zoology 111-112, or may be carried with course 112 by special permission. III, 2 hours. Mr. Lindsey.

227-228. ENTOMOLOGY. The morphology, classification and economic importance of insects, with methods of control. A brief introductory course. Laboratory work includes a survey of insect morphology and enough work in the identification of insects to enable the students to recognize the common families. Prerequisite, Zoology 111-112. Lectures Tues., Thurs., IV; laboratory Mon., III-IV. Fee, $1.25 per hour of credit. 3 hours.
The Conservatory of Music

FACULTY

KARL H. ESCHMAN, A.M.
Fellow of the American Guild of Organists
Director and Professor of Music

Graduate of Denison Conservatory in Piano and Organ; Graduate Student, Harvard University, 1911-12, under Walter R. Spalding and Edward Burlingame Hill; 1912-13, under Hugo Kaun and Piano under Victor Heinze, Berlin.

FANNIE JUDSON FARRAR

Head of Piano Department

Pupil in Piano of J. Emil Ecker, Toledo, Ohio; Constantin Sternberg, Philadelphia; Bertrand Roth, Dresden; Tobias Matthay and Claude F. Pollard, London. Student in Vienna; Master-class with E. Robert Schmitz.

MARY RECKARD FITCH

Voice

Pupil of D. A. Clippinger, Hannah Butler and Lemuel Kilby, Chicago; Head of Voice Department, Academy of Our Lady; Instructor in Lyceum Arts Conservatory, Chicago. Master-classes with Mme. Valeri and Herbert Witherspoon.

WILLIAM M. WELLS

Violoncello

Graduate of the Royal Conservatory, Wurzburg. Member of the Cincinnati Symphony and the Philharmonic Orchestra; for seven years, under Walter Damrosch in the New York Symphony Orchestra.
SAM GELPER

Violin

Pupil of Henry Schradieck, Theodore Spiering and Alois Trnka, in Violin and of Frederick B. Stivens and R. H. Miles in Theory.

ALLAN FABER SCHIRMER, MUS.B

Voice


BRAYTON STARK, A.A.G.O

University Organist

Organ and Harmony

Graduate of the Guilmant Organ School; post graduate work at the Eastman School of Music; theory with T. Tertius Noble, and organ with Josep Bonnet, organist of the Cathedral of St. Eustache, Paris. Associate of the American Guild of Organists; director of music at Christ Church, Corning, N. Y.

JOSEPHINE SPEICHER, A.B.

Public School Music

Graduate of Iowa State Teachers' College; Student of Methods in South Carolina State Teachers' College and at Northwestern University; Principal of Grade Schools, Montmorenci, S. C.; Supervisor of Music, Buckingham, Iowa; in charge of P. S. Music Methods at Illinois Western State Teachers' College.

MELVINA SUMMERS, PH.B.

Piano

Teacher of Piano and Head of the Music Department of Keuka College, Keuka Park, New York; graduate student at Rochester; member of Denison faculty 1924-25. For current year, Miss Summers is on a leave-of-absence from Keuka College.

JOHN H. GILL

Wind Instruments

Student of Emil Strauser, Boston, in Clarinet. Director of Columbus Commandery Band, Achbar Grotto Band and Khorassan Band; Director of Ohio University Band.
The requirements for entrance to any of the regular four year courses are the same as those for the college. There are no formal entrance requirements for special students in classes and for private instruction, beyond the evidence of ability to profit by the instruction offered. The work of the year is divided into two semesters (see the University Calendar on page 7), and students may best enter the Conservatory at the beginning of a semester, although private lessons may be taken up at any time. No registrations are accepted, however, for less than the remainder of the semester.

There are no formal entrance requirements beyond the evidence of ability to profit by the instruction offered. The work of the year is divided into two semesters (see the University Calendar, page 7), and students may best enter the Conservatory at the beginning of a semester, although private lessons may be taken up at any time. No registrations are accepted, however, for less than the remainder of the semester.

Denison University grants college credit for work in the theoretical courses of the Conservatory, on an equal footing with other elective studies, and a course leading to the degree of Bachelor of Arts may be taken with the Theory of Music as its major subject. Thus students working for the diploma of the Conservatory may at the same time apply the theoretical part of their course toward a bachelor's degree from the University.

**REQUIREMENTS FOR GRADUATION**

**A—Musical Studies**

Requirements for Conservatory Graduation are outlined on the basis of 128 semester hours, on pages 9-10 of the Conservatory Bulletin which can be secured from the Director. Courses 101, 111, 112, 201, 202, 221, 222, 311, 312, 331, 332, 441, and 442 in the Department of Theory are required of all graduates.
B—LITERARY STUDIES

In addition to the musical studies required, candidates for graduation must satisfy the full requirements for entrance to the freshman class of Denison University, and complete two years of English, courses 111, 112, 211, 212, six hours in the Department of Philosophy and Education, and eight hours college elective, preferably in Language.

DIPLOMAS AND CERTIFICATES

The Conservatory diploma is granted on recommendation of the Conservatory Faculty to students who have completed the prescribed course of study in any of its departments, together with the general requirements described above. Each candidate for the diploma must give a public recital during the senior year. To students substituting a certain amount of work in Normal Training or public school music for the graduating recital and giving promise of aptitude for teaching, a certificate is granted instead of the diploma. Students completing satisfactorily any integral part of the work offered in the various departments of the Conservatory, involving not less than a year’s study, may obtain an officially signed statement to that effect, together with a copy of the Registrar’s record.

PUBLIC SCHOOL METHODS

A four-year course in this department, leading to the degree of Bachelor of Music (Mus.B.) is offered. The requirements of this course are fixed by the State Department of Education, and will be found outlined in full in the Conservatory bulletin (page 12). Thorough and adequate preparation is supplemented by practice teaching in the public schools. All the work offered is approved by the State Department of Education, and graduates receive the State Certificate without examination.

MUSIC LIBRARY

The music branch of the University Library, consisting of over one thousand volumes of literature and music, is housed at the Conservatory, and is available on the same terms as the
main library. There is also a collection of primitive musical instruments of great interest, most of which have been presented by Denison alumni.

**Practice Pianos**

The Conservatory is equipped with practice pianos. Hours and rooms for practice should be engaged at the time of registering, and no other use of instruments or rooms is allowed without special permission.

**Recitals and Concerts**

Student recitals take place frequently throughout the year, and students are expected to attend. All students are under obligation to perform at recitals when so directed by their instructor. Students are not allowed to perform in public without the knowledge and consent of the instructor.

Besides the festivals of the Choral Society and various other concerts, a number of faculty recitals are given during the year, and several artist recitals, most of which are free to Conservatory students.

**Musical Organizations**

(a) *The Engwerson Choral Society*. Mr. Eschman, Director. Membership is open to all who can read music sufficiently well. Two principal concerts are given each year, with notable artists assisting. According to the present custom, Handel's "Messiah" is sung each year at Christmas, while Gounod's "Faust," Rossini's "Stabat Mater," Mendelssohn's "Hymn of Praise," "Elijah" and "St. Paul," Brahms' "Song of Fate," Bruch's "Fair Ellen," Ware's "Sir Oluf," Debussy's "Blessed Damozel," Haydn's "Creation," Coleridge-Taylor's "Hiawatha," Verdi's "Aida," Franck's "Beatitudes," Bizet's "Carmen" and Mascagni's "Cavalleria Rusticana" are other works recently given. Rehearsals are held on Monday evenings throughout the college year.

(b) *The Denison Orchestra*. Mr. Eschman, Director. Membership is not limited to students in the University, but offers to anyone of sufficient ability the opportunity of playing classical
and modern compositions under suitable direction. The Orchestra assists the Choral Society in presenting some of its oratorios, besides giving at least one concert independently in the spring. Regular rehearsals are held on Tuesday evenings throughout the college year. Membership is free to those admitted.

(c) The Denison Glee Club. This is an organization of twenty young men chosen by annual competitive examination from the men of the University community. About twenty concerts are given each year, engagements being filled in Ohio, Pennsylvania, New York, Michigan, Indiana and Illinois. The programs consist of classical numbers, popular glees, and college songs.

(d) The Shepardson Glee Club. This club consists of twenty four girls, and with the exception of the officers is reorganized each fall by competitive examination. An annual concert is given in May. The club comprises the best voices of Shepardson College and Denison Conservatory.

Scholarship

An annual scholarship, the gift of Mrs. E. S. Shepardson, is at the disposal of the Conservatory Faculty.

In addition, $250.00 a year is received by the Conservatory from a friend of the department for the purpose of assisting worthy students.

Conservatory Bulletin

An annual Bulletin is published containing additional information regarding the Conservatory. A copy may be obtained by addressing Denison University, Conservatory of Music, Granville, Ohio.

Expenses in Conservatory

Tuition per Semester

In Pianoforte, Voice, Organ, Violin, Violoncello, or Wind Instruments

Two private lessons per week ........................................ $50.00
One private lesson per week ........................................ 27.50
In Advanced Harmony, Counterpoint, or History of Music
   Class lessons, three hours per week........................................ 12.00
In Form, Canon and Fugue, Composition, or Public School
   Music. Class lessons, two hours per week............................... 8.00
In Elementary Harmony, Terminology, Appreciation,
   Orchestration and Conducting, Class Lessons,
   etc., two hours per week..................................................... 8.00
Students paying regular college tuition may elect "Elementary
Harmony and Appreciation" without extra charge.
In Solfeggio, I, II, III, IV, V and VI or Normal Training.
   Class lessons, two hours per week....................................... 8.00
Rent of piano for practice, per semester hour (i.e. one
   hour a week for a semester).............................................. 1.00
Rent of pipe organ for practice per hour.................................. .15
Students taking Conservatory work totaling $50.00 may elect
   college work, in addition, at the rate of $5 per semester hour. The
   Hospital Fee (see p. 57) is required except in the case of students
   taking only private lessons in the Conservatory.
   Rebate. Students dropping music before the middle of the
   semester must make arrangement for the rebate with the Director
   of the Conservatory.

DEPARTMENTS OF INSTRUCTION
   THEORY AND HISTORY

Mr. Eschman, Mr. Starr, Miss Speicher, Miss Summers

College credit may be obtained for any of the numbered cour-
   ses. Those who intend to complete the theoretical course are ad-
   vised to take courses 111-112, 221-222, 331-332, and 441-442, in
   consecutive years.

101. The Appreciation of Music. A non-technical
   course, open to all students of the University. The object is to
   point out the structural principles of musical art and to show
   what constitutes real merit in any field of musical activity. The
   work embraces lectures and analysis, collateral reading and critical
   reports of current recitals. VII, 2 hours. Mr. Eschman.
102. Methods of Appreciation. A study of the pedagogy of aesthetics with application to all grades of musical appreciation. Required in the Public School Music Course, but open to general election. VII, 2 hours. Miss Stockberger.

103-104. Choral and Ensemble Training. Three hours are required for one hour college credit. The course can be repeated (see 203-204) in successive years but no more than four hours may be applied toward any degree. One hour a week is required in either the chorus or orchestra. The remaining two hours may be elected in chorus, orchestra, chapel choir, or church choirs.

Mr. Eschman.

111-112. Elementary Harmony. This course or its equivalent is prerequisite to all higher courses. It embraces a summary of music, a detailed study of the modern system of musical notation, the analysis of rhythm, practice on scale writing, transposition and the use of all the clefs. The work concludes with a study of elementary harmony including triad connection. This course is required of all freshmen planning to graduate from the conservatory.

II and IV, and a third section to be arranged, 2 hours. Miss Summers.

201. History of Music to the Eighteenth Century. The work consists largely of assigned reading, with written reports, tests and theses. A collection of primitive instruments serves to illustrate the early stages of music, and typical music of the successive periods is rendered in class so far as possible.

VI, 3 hours. Mr. Eschman.

202. History of Music from the Eighteenth Century to the present time. Continuation of Course 201.

VI, 3 hours. Mr. Eschman.

203-204. A repetition of courses 103-104 for additional credit. A total of four hours is possible, one in each of four semesters.

211-212. Public School Music Methods. This course covers in detail the work of the various grades and all
methods now in use in the schools. Related problems in the psychology of teaching are discussed. 1, 2 hours. Miss Speicher.

213-214. Advanced Public School Music Methods. This course is a continuation of Music 211-212. It contains special material relating to the treatment of Child Voice and is required by the State Department of Education for supervisors. II, 2 hours. Miss Speicher.

221-222. Advanced Harmony. Review of intervals and triads; dominant and secondary chords; suspensions; augmented and altered chords; modulations; organ-point; the harmonization of given melodies in bass or soprano, mostly in four parts, and the composition of simple original pieces. Solfeggio and elementary theory are prerequisite, with knowledge of the pianoforte sufficient at least to play an ordinary hymn-tune at sight. 1, IV, 3 hours. Mr. Eschman and Mr. Stark.

301. Terminology and Conducting. The elements of music and conducting as applied to the practice of music in the schools. IV, 2 hours. Miss Speicher.

302. Orchestration. The study of instruments and their combinations with the practice of orchestrating for school purposes. IV, 2 hours. Miss Speicher.

303-304. Practice Teaching in Music. (Same as Education, 412.) Total 3 hours credit, for the year. May be taken in either semester or divided in both credit and fee. Total fee, $12.00. Miss Speicher.

311-312. Musical Form. Study of thematic construction and elements of composition, through analyses of the principal instrumental forms, as illustrated in the works of classic and modern composers. Practice is given in construction of the smaller musical forms, such as hymn-tunes, and the dance forms of the classical suite. Courses 221-222 must ordinarily precede this work, but by special permission may be taken in the same year. III, 2 hours. Mr. Eschman.
331-332. Counterpoint. The principles of harmony applied to the melodious treatment of two or more voice parts in combination. Free harmonization of choral melodies, two, three, and four part counterpoint in the several orders; contrapuntal and imitative treatment of subjects in different voices for organ and strings. Courses 221-222 are prerequisite and some proficiency in piano playing is required. III, 3 hours. Mr. Eschman.

441-442. Strict Composition. Analysis and composition of canon and fugue and the advanced forms of polyphonic music. This is a necessary preparation for the larger and freer forms of composition. Courses 221-222, 331-332 are prerequisite, with some proficiency in pianoforte or organ playing. VI, 2 hours. Mr. Eschman.

451-452. Free Composition. First semester, original vocal settings of selected texts; analysis of standard choral works and songs; composition of short pieces for men’s or women’s voices and for mixed chorus unaccompanied. Later, types of accompaniment figures are studied and settings made with with piano or other accompaniment. Second semester, analysis and composition of vocal and instrumental music in the large forms, with writing for orchestral instruments. Prerequisite, courses 441-442.

I, 2 hours. Mr. Eschman.

PIANO

MISS FARRAR, MISS SUMMERS

No set course is specified, but the work is adapted to the individual pupil, and the teaching preserves the cultural point of view as much as the professional. Foundations are thoroughly laid in a study of the instrument itself and of the natural laws of tone production. Technical facility and velocity looking toward an adequate technique are considered merely the basis of artistic interpretation. The principles of expression are taught by means of the music of both classic and romantic composers.
Voice
Mrs. Fitch, Mr. Schirmer

The object of this instruction is the correct placing of the voice, so that the tones are even and firm throughout the entire range. Stress is laid on the control of the breath, rhythm, and phrasing, together with enunciation and stage presence. Use is made of the classic song literature of all schools, especially the German, and of our own American song writers.

Organ
Mr. Stark

A certain facility at the piano and in sight-reading is necessary and this must be proved to the satisfaction of the instructor, who may prescribe such additional work as may seem advisable in preparation. A good organ touch, comprising legato and staccato playing, steadiness and smoothness of style, are the objective aims.

Rink's Organ School, Buck's Studies in Phrasing and Bach's Little Preludes and Fugues compose the ground work of study. This is followed by sonatas by Mendelssohn, Merkle, Guilmant, selections by Widor, Dubois, Boellman, Lemare, Best, Hollins, Buck and Parker. Special attention is given to hymn playing, accompanying and registration to meet the practical needs of church work.

Violin and Violoncello
Mr. Gelfer, Mr. Wells

Good tone production and clear intonation receive a large share of attention, followed by studies and special exercises to meet the needs of the individual. As the student becomes more proficient, pieces, sonatas, and concertos by classic and modern masters will be studied. It is the purpose to work not only for technical proficiency, but also for the higher and broader plane of artistic conception and interpretation. At least two semesters
of piano study are required of candidates for graduation. Students are encouraged in ensemble playing, and those sufficiently advanced are admitted to the University Orchestra. The experience thus gained is not the least valuable part of the training, and is required of candidates for graduation.

ENSEMBLE CLASSES

(a) Solfeggio I-II. Two hours per week, First Year.
   VI. Period.
Solfeggio III-IV. Two hours per week, Second Year.
   VII. Period.
Solfeggio V-VI. Two hours per week, Third Year.

This work, or a satisfactory equivalent is required of all candidates for graduation in any department of the Conservatory.

The course is provided to meet the needs of all who are in any degree deficient in the fundamental principles of music, such as rhythm, intervals, and scales, or who are unable to read vocal or instrumental music readily at sight. It includes both ear-training and sight-singing.

(b) Normal Class—Miss Farrar. This course is offered at the request of piano students, and is designed as preparation for the teaching of piano. One year of harmony and piano in the Conservatory are prerequisites.

(c) Piano Classes—Miss Summers. Ensemble classes are maintained in piano, both duet and quartette work being done. The classes are free to all registered in the Conservatory, and this work is required of all pupils sufficiently advanced.

(d) String Classes—Mr. Gelfer and Mr. Eschman. As far as material offers practice is held in trio and quartette work, with performances in public on suitable occasions. Advanced pupils are coached in ensemble with piano.
THE SOCIETY OF THE ALUMNI OF
DENISON UNIVERSITY

Founded in 1859

Honorary President
SAMUEL B. BRIERLY, '75

President
EARL H. FOOTE, '09

Executive Secretary
JOHN L. BJELKE, '16

THE ALUMNI COUNCIL

Officers
Kirtley F. Mather, '09, Chairman
Karl Eschman, '11, Secretary
W. H. Johnson, '85, Treasurer

Members
Terms Expire June, 1928
Mary McKibben Colby, '07, Mansfield
Mark Winchester, '02, Toledo
Karl Eschman, '11, Granville
Ford Weber, '21, Toledo

Terms Expire June, 1929
Lorena Woodrow Burke, '05, New York City
Kirtley F. Mather, '09, Cambridge, Mass.
Dorothy McCann Williams, '16, Granville
Robert Collett, '14, Dayton

Terms Expire June, 1930
Samuel B. Brierly, '75, Chicago
W. H. Johnson, '85, Columbus
Frank B. Amos, '03, Detroit
V. Ernest Field, '03, Indianapolis
Graduates of the University are members of the Society of the Alumni. Former students of the Granville institutions, recipients of honorary degrees, members of the Board of Trustees, and members of the Faculty for at least three years, are received into membership upon payment of the annual dues of $3.00. This Society was founded June 28, 1859, William P. Kerr, '45, being the first President. Over 4000 members are enrolled. Annual meetings are held in commencement week.

The Council was organized in 1921, and holds quarterly meetings. The Society maintains the Denison Alumni Bulletin, published monthly at Granville, Ohio, during the college year under the editorship of the Executive Secretary.

Denison Associations of the Society of the Alumni are to be found in the following cities: New York, Chicago, Philadelphia, Baltimore, Washington, Pittsburgh, Detroit, Boston, Los Angeles, San Francisco, Denver, Rochester, N. Y., St. Louis, Charleston, W. Va., Wheeling, Parkersburg, and in larger units as North Carolina, Florida, Japan, West China. In Ohio, Associations are found in Cleveland, Cincinnati, Toledo, Akron, Canton, Youngstown, Dayton, Norwalk, Mansfield, Lima, Middletown, Springfield, Columbus and Newark. These Associations are the auxiliaries of the Society of the Alumni. It is through these organized local groups that the Executive Secretary keeps the alumni in touch with the college and with each other.

Before moving into a city where one's acquaintance is limited, graduates and undergraduates are urged to consult with the Executive Secretary, who stands ready to introduce them to officers and members of the local groups who in turn will introduce them into circles that are congenial and helpful.

The alumni have launched and are carrying on to a successful termination a campaign for $300,000 for the endowment of three professorships. Pledges for nearly all this sum have been secured and cash payments received promise great success for the project. This fund will be placed in the hands of the Board of Trustees in 1931, the centennial of Denison.
DOANE ACADEMY

The operations of Doane Academy are suspended, with the expectation that this department of the University will be discontinued.

THE SUMMER SCHOOL

The Summer School, which was resumed at Denison University last year, proved successful. The enrollment and the quality of work accomplished were satisfactory. The session for 1928 will open June 14th and close August 11th. It will be a nine weeks course completed in eight weeks with classes on Saturday. During this time students may earn a maximum credit of nine semester hours. The curriculum is so arranged that all classes will meet in the morning, leaving the afternoons free for study and recreation. Courses in Education will be offered for teachers of primary and secondary schools, for undergraduates who wish to advance their standing or make up deficiencies, for supervisors of public-school music and art, and for directors of physical education. A limited number of courses will be offered for those who desire credits for college entrance. The faculty will consist of several regular members of the Denison staff, a number of visiting instructors from other colleges and universities, and specialists in particular fields.

The geographical features and historical associations of Granville and vicinity, together with the exceptional recreational facilities: varsity tennis courts, swimming pools, and the Granville Inn Golf Course will contribute much toward a pleasant and profitable eight weeks' stay on the Denison Campus. Besides, provisions are being made for a series of lectures and entertainments on current and educational topics.

Expenses are reasonable. The tuition is five dollars a semester hour; the board and room, seven and a half dollars per week. The rooms in Beaver and Gilpatrick Halls are especially attractive. Colwell Hall will be used as a dining room and as a social center.

A copy of the Summer School Catalogue and full information will be gladly sent upon application to Eri J. Shumaker, Dean of the Summer School, Granville, Ohio.
Degrees Conferred in 1927

HONORARY DEGREES
Reverend James Whitcomb Brougher, Doctor of Laws
President William Gear Spencer, Doctor of Laws
Reverend Tileston Fracker Chambers, Doctor of Divinity
Reverend Henry Thurston Crane, Doctor of Divinity
Professor August F. Foerste, Doctor of Science

MASTER OF ARTS
F. Dewey Amner
Thesis: The Influence of George Ticknor on the Study of Spanish.
Perry Daniel Woods

BACHELOR OF ARTS
John Churdar
*Robert Cecilia Davis
*Kathryn Elizabeth Geddes
Winifred Virginia Graves
Ruth Katherine Groesbeck

*BACHELOR OF PHILOSOPHY
William M. Bateman
Paul H. Cadwell
Andrew William Cary
Henry Conrad DePuy
Aldred Arthur Heckman
John Abbott Herron
Lawrence Charles Howe
Kenneth Justus Martin
Donald Corbley Minor
James Albert Nicholson
Kenneth Vincent Nicola
Richard Lloyd Pobst
Estel John Rhodes
Cesare Santucci
Richard Claudius Sinsel
Charles Albert Thumn
†Horace H. Wall
Loren Martin Whitnigton

*Mary Margaret Hendricks
Helen Grace Laycock
Emily Mayner
*Frances Packer
Kathryn Lucretia Silliman
*Nina Elizabeth Watkins

Robert Myers Wilson
Ruth Idella Baker
Gertrude Elizabeth Band
Dorothea Caroline Bawden
Lucy Carol Bell
Dorothy Ashmore Brown
*Helen Frances Burrell
Ella Augusta Carson
Ida Chrisler
*Grace Roberts Cleveland
*Dorothy Lucille Clifford
*Dorothy Beryl Darrow
Dorothy Ellen Detweiler
Beatrice Marie Ewart
*Esther Ewers
*Margaret Elizabeth Fowle
*Martha Fleet Gambrill
Ethel Chandler Gilchrist
Jean Winifred Gordon
* Catherine Achsah Hall
Evelyn Grace Holden
* Elizabeth Gloria Husted
Ruth Thurfield Jones
Ila Kurtz
Enrie Margaretta Loughridge
Marion Herrick Lovett
* Berneda Leah Lowery
Lillian Faye McElhaney
Lucy Aiden McNall
Florence Gwendolyn Martin
* Helen Lydian Pease
Marjory Anne Pence
* Miriam Anna Peterson

Mary Elizabeth Price
Jessica Price
Bernice Katherine Randel
* Dorothy Adelaide Reed
Lois Orphelia Roemer
Mary Scarritt
* Edna Margaret Seaberg
* Helen Rowley Sheets
Grace Sinsabaugh Smith
Evelyn Mildred Stevens
Margaret Arnold Sweet
Isabel Frances West.
Robert Stevens White
Elizabeth Grimball Wilbur
Kathryn May Wolf.

BACHELOR OF SCIENCE

* William Houghton Leslie
* Gomer Allen Lewis
* Joseph Madison Melick
Robert Weyand Nickels
Robert Herbert Owen
* Ralph Emerson Pearson
Gerald LeRoy Pence
Glenard Leroy Pierson
* Leland T. Powell
Paul Elmer Rex
Wilbur George Rogers
Ray Wendell Roth
Emmet Mendel Shanley
Louis Jonathon Tilton
Edward Rempel Wagenhals
Byron Bunting Williams
Carmi J. Yoakam
Harlan Hunter Yoakam
* Helen Ruth Brown
* Alta Leonida Crampton
* Mary Dush
Esther Helen Gibbs
* Katharine Wardwell Kimball
* Vera Alice Miller
* Frances Ann Rohrer

* Thelma Kathryn Weimer
* Four Years Provisional High School Certificates awarded.
† Age of the Class of 1901.
REGISTRATION

COMMISSIONS IN THE OFFICERS RESERVE CORPS
UNITED STATES ARMY

SECOND LIEUTENANTS OF INFANTRY

Clements Walker Air
Ross Spelman Ashbrook
William M. Bateman, Jr.
Anthony Jerome Bellish
Dwight Alexander Brainard
Thompson Armstrong Butcher
Henry Arthur Carlock
Paul Edward Clissold
Lester Harold Gallogly
Edward Rempel Wagenhals

Ernest Eldon Gillam
Leonard Conrad Heinrichs
Robert Herbert Owen
Robert Weyand Nickels
Ralph Emerson Pearson
William Chaney Pickering
Leland T. Powell
Ray Wendell Roth
Emmet Mendel Shanley

CERTIFICATE OF ELIGIBILITY

Walter Evans Ellingson
Henry Brumback Henson
Kenneth Vincent Nicola

HONOR GRADUATE

Kenneth Vincent Nicola

DIPLOMAS IN CONSERVATORY

Dorothea Caroline Bawden, Voice
Ruth Thursfield Jones, Piano

Evelyn Copeland McLain, Voice
Kathryn Lucretia Silliman, Piano

CERTIFICATES IN PUBLIC SCHOOL MUSIC

Nellie Juanita Canterbury

Martha Fleet Gambrill
Honors and Prizes Awarded in 1927

ELECTION TO MEMBERSHIP IN PHI BETA KAPPA

Grace Cleveland, '27
Roberta Davis, '27
George Garrison, '27
Ethel Gilchrist, '27
Jean Gordon, '27
Winifred Graves, '27
Mary M. Hendricks, '27
Eurie Loughridge, '27
Vera Miller, '27
James Nicholson, '27
Kathryn Silliman, '27
Evelyn Stevens, '27
Elizabeth Wilbur, '27
Mary Case, '28
Louis Andre Odebrecht, '28
Robert Price, '28

THE GILPATRICK SCHOLARSHIP FOR EXCELLENCE IN MATHEMATICS
George Garrison

THE HARMON FRESHMAN LATIN PRIZE
First, Helen McPhail
Second, Leonard Crain

THE FRESHMAN CHEMISTRY PRIZE
Albert Bakeman

THE WOODLAND CHEMISTRY PRIZE
First, Maurice Albaugh
Second, Hilda Smith

THE LEWIS PRIZE CONTEST
First, George Heaton
Second, Raymond Spoerri
Third, Kenneth Martin

MEDAL FOR EXCELLENCE IN DEBATE
Kenneth Martin

THE SAMSON TALBOT PRIZES IN BIBLE READING
First, Pauline Robion
Second, Edna Frick
GENERAL HONORS

Ethel Gilchrist

Mary Margaret Hendricks

Roberta White

SPECIAL HONORS

James V. Clark, Physics

DEPARTMENTAL HONORS

James Vance Clark, Physics
George N. Garrison, Mathematics
Aldred Heckman, Sociology and Economics
James Nicholson, Political Science
Grace Cleveland, Modern Languages
Roberta Davis, Modern Languages
Esther Ewers, Modern Languages
Ethel Gilchrist, English
Jean Gordon, English, Modern Languages
Mary Margaret Hendricks, English
Eurie Loughridge, Christian Education
Vera Miller, Modern Languages
Grace Sinsabaugh Smith, English, Modern Languages
Roberta White, Sociology and Economics

ANNUAL HONORS

Carroll Amos
Homer Asquith
Alfred Bakeman
Lawrence Biefeld
Richard Brandt
Lester Burbidge
Robert Campbell
William Clapper
Leonard Crain
C. Douglas Deeds
Winthrop Dolan
John Drake
Aldred Heckman
George Howard
Joe Howland
Robert Kelly

Bernard Kirby
William Leslie
James Nicholson
Robert Nickels
Earl Nofzinger
L. Andre Odebrecht
William W. Osmer
Ralph Pickett
Robert Price
John A. Purinton
Charles Whitcomb
Irene Arnold
Helen Brabrook
Mary Case
Josephine Deeds
Martha Gillespie
DENISON UNIVERSITY

Elaine Hannay
Elizabeth Heald
Florence Kramer
Ethel Llewellyn
Helen McPhail
Janice Mann
Mary Mehnert
Imogene Michael
Dorothy Odell

Edith Page
Mildred Proctor
Ellen Rohrer
Marian Spencer
Ernestine Stanford
Margaret Williams
Esther Wood
Grace Woodford
Anne Wright

“A” STUDENTS

Robert Campbell
Aldred Heckman
George Howard, Jr.
James Nicholson

Elizabeth Heald
Mary Mehnert
Hilda Smith
Roberta White

FRESHMAN HONOR ROLL

Lawrence Biefeld
Richard Brandt
Leonard Austin Crane
Clarence Clark
Charles Douglas Deeds
Winthrop Dolan
John Drake
Robert Hankamer
Robert Kelly
John Fellows Larimer
Irvin R. Mitchell
Joseph Nellis
Earl E. Nofzinger
Ralph Pickett
John Purinton
Bruce Winchester

Anna Elizabeth Bailey
Alice Bakeman
Eugenia Couden
Jean Ebaugh
Martha Gillespie
Helen Hodell
Florence Hoffer
Helen McPhail
Margaret Montgomery
Dorothy Perry
Pauline Pitts
Ellen Rohrer
Antoinette Shaw
Louise Stewart
Bertha Stout
Estelle Vanderburgh
# Students in Granville and Shepardson Colleges

(The enrollment for the First Semester only of 1927-28)

**GRADUATE STUDENT**

<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bigelow, Alton E.</td>
<td>English</td>
</tr>
</tbody>
</table>

**SENIORS**

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Adams, Ronald W.</td>
<td>Newton Center, Mass.</td>
</tr>
<tr>
<td>Albaugh, Maurice</td>
<td>Quincy</td>
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<tr>
<td>Amos, Carroll</td>
<td>Newark</td>
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<tr>
<td>Armstrong, Lorin</td>
<td>Akron</td>
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<td>Asquith, Homer</td>
<td>Waterloo, Ia.</td>
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<tr>
<td>Avery, Allen</td>
<td>Columbus</td>
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<td>Beardsley, Orville</td>
<td>Delphos</td>
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<td>Bournier, James</td>
<td>Newark</td>
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<td>Browne, Kenneth</td>
<td>Haskins</td>
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<td>Buck, Everett</td>
<td>Johnstown</td>
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<td>Canary, Robert</td>
<td>Bowling Green</td>
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<td>Carlock, Henry</td>
<td>Alexandria</td>
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<td>Carpenter, Wade</td>
<td>Willard</td>
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<td>Castellini, Joseph</td>
<td>East Aurora, N. Y.</td>
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<td>Chamberlain, Stuart</td>
<td>East Lansing, Mich.</td>
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<td>Charsky, Arthur</td>
<td>New Britain, Conn.</td>
</tr>
<tr>
<td>Chiao, Wen Shou</td>
<td>Shanghai, China</td>
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<tr>
<td>Clissold, Paul</td>
<td>Chicago, Ill.</td>
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<td>Colwill, Clifford</td>
<td>Mt. Vernon</td>
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<td>Condit, Clarence</td>
<td>Alexandria</td>
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<td>Edgar, Donald</td>
<td>Delta</td>
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<td>Ensign, Frederic</td>
<td>Defiance</td>
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<td>Farmer, Paul</td>
<td>Newark</td>
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<td>Filkins, Frank</td>
<td>Norwalk</td>
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<td>Garrett, Irven</td>
<td>Haskins</td>
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<td>Greer, John</td>
<td>Willard</td>
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<td>Grube, Nelson</td>
<td>Basil</td>
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<td>Guthery, William</td>
<td>LaRue</td>
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<td>Haidet, Monroe</td>
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<td>Helm, David</td>
<td>Newark</td>
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<td>Heston, Bernard</td>
<td>Kings Mills</td>
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<tr>
<td>Hick, Garland</td>
<td>Cambridge</td>
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<tr>
<td>Hoffman, Carlyle</td>
<td>Sandusky</td>
</tr>
</tbody>
</table>

121
Isaac, David........................................Martins Ferry
Kuhn, John........................................Newark
Lapham, Samuel..................................New Philadelphia
Levering, Stanley.................................Granville
Lindrooth, Donald................................Newark
Love, William.....................................Youngstown
McClelland, Robert...............................Western Springs, Ill.
McDonald, George................................Newark
Macafee, Roy.......................................Elkhorn, Wis.
Mears, Lewis.......................................Granville
Meeker, Milton....................................Sunbury
Odebrecht, Andre................................Granville
Parks, Thomas.....................................Chicago, Ill.
Pickering, William.................................Lancaster
Price, Robert......................................Alexandria
Richards, William................................Granville
Sloan, John.........................................Newtown
Smith, Wayne......................................Newark
Spoerri, Raymond................................Chicago, Ill.
Steinberger, Peter................................St. Paris
Swanson, Paul.....................................Granville
Tibbitts, Kenneth................................Chicago, Ill.
Whitcomb, Charles................................Toledo

Adams, Bertha......................................Newton Center, Mass.
Allen, Mary L......................................Chicago, Ill.
Arnold, Irene......................................St. Catharines, Ont.
Asquith, Helen Mae...............................Waterloo, Ia.
Avery, Gertrude..................................Pataskala
Babbs, Margaret....................................Newark
Baer, Esther........................................Toledo
Baer, Ethel.........................................Toledo
Baldwin, Amanda..................................Dayton
Batdorf, Geneva..................................St. Paris
Bridge, Pauline.................................Canton, Ill.
Bussell, Louise....................................Sparland, Ill.
Carspecken, Margaret.............................Morgantown, W. Va.
Case, Mary Elizabeth............................Granville
Collyer, Ruth......................................Rochester, N. Y.
Cooper, Isabelle................................Oak Park, Ill.
Dallman, Lillian..................................Union City, Pa.
Darby, Catherine..................................Owatonna, Minn.
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Deeds, Josephine</td>
<td>Granville</td>
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<tr>
<td>Dutcher, Winifred</td>
<td>Oak Park, Ill.</td>
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<tr>
<td>Fleming, Alda</td>
<td>Alexandria</td>
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<tr>
<td>Frye, Bernice</td>
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RFX.ISTRATION

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Registration

Giffin, Harold.................................................. Kaying, China
Glasgo, Victor................................................... Loudonville
Gregory, Mitchell............................................. Fayetteville, N. C.
Haas, Philip..................................................... White Plains, N. Y.
Hammond, Keith................................................. Granville
Handel, Carle.................................................... Newark
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Hughes, Byron................................................... Toledo
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Kemper, James................................................... Parkersburg, W. Va.
Kirby, Bernard.................................................. Cadillac, Mich.
Kistemaker, Andrew.......................................... Cleveland
Laycock, Hartley............................................... Chicago, Ill.
Leslie, Theodore.............................................. Granville
Lewis, Wilbur................................................... Newark
Mason, Thomas.................................................. Elgin, Ill.
Mathews, Samuel.............................................. Hubbard
Miller, Ward................................................... Poland, N. Y.
Nicolazzo, Corradino......................................... Kenosha, Wis.
Osmer, Walton................................................... Dayton
Otto, Ray........................................................... Dayton
Owens, John..................................................... Granville
Oxley, George................................................... Newark
Philbrick, Ronald.............................................. Granville
Phillips, Owen................................................... Sharon, Pa.
Pierson, Charles............................................... Granville
Posegate, John.................................................. Springfield, Ill.
Prosser, Harold............................................... Wellington
Rose, Gordon................................................... Cleveland Heights
Russell, William............................................... Toledo
Schaller, Paul.................................................. Maumee
Schmitz, Gilbert............................................... Granville
Seidner, Earle.................................................. Wauseon
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Smith, Reed..................................................... Oneonta, N. Y.
Spring, Harling................................................ Marion
Stephens, Robert.............................................. Troy
Stratton, Edmund.............................................. New Philadelphia
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Jones, Judith ....................................................... East Northfield, Mass.
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Jones, Minnie H .................................................... Newark
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Markle, Martha .................................................... Chicago, Ill.
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Miley, Thelma ....................................................... Granville
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Oxreider, Ruth ....................................................... Khargpur, Bengal, India
Page, Edith ........................................................... Newton Center, Mass.
Parks, Sarah .......................................................... Minonk, Ill.
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Peoples, Harriet ..................................................... Toledo
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West, Sarah ............................................................. Mt. Vernon
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Williams, Margaret ................................................ Painesville
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Wilson, Virginia S. ................................................. Allison Park, Pa.
Woodford, Grace ..................................................... Findlay
Wyeth, Helen .............................................................. Newark
Young, Chessie ........................................................... Granville

**SOPHOMORES**

Ackerman, Frank .................................................. Mansfield
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Beverley, George ......................................................... Painesville
Biefeld, Laurence ..................................................... Granville
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Boyd, John R. ............................................................. Coshocton
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Burehard, Charles .................................................. Jamestown, N. Y.
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Clark, Wilbur .......................................................... Detroit, Mich.
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Crum, Leonard .......................................................... East Aurora, N. Y.
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Fellman, Harriet
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Kurtz, Doris
LaRue, Emma
Lawless, Jean
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McCain, Dorothy
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Mauus, Marie
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Blanchester
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Wilmington
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Mouser, Merle
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Packer, William
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*Deceased.
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Agin, Marguerite ................................................ Newark
Alloways, Margaret .............................................. Zanesville
Arnold, Ruth ..................................................... Wilmette, Ill.
Ashbrook, Laurabelle .......................................... Granville
Babbs, Marian .................................................... Newark
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Benedict, Creta ................................................... Gambier
Benjamin, Anna ..................................................... Chicago, Ill.
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Brier, Marie ........................................................ Coshcoto
Broughton, Sara .................................................... Granville
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Cassidy, Mildred ................................................... Monclova
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Davidson, Mary .................................................. Parkersburg, W. Va.
Detweiler, Helen .................................................. Tarrytown, N.Y.
Dillon, Ruth .......................................................... Cambridge
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**SPECIAL STUDENTS**

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**UNCLASSIFIED STUDENTS**

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## Conservatory of Music

### SENIOR CLASS

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Dorsey, Helen..............................................Newark
Downard, Esther........................................London
Dresbach, Gladys.........................................Johnstown
Duckworth, Mary..........................................Johnstown
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Emerson, Lalita.............................................Johnstown
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Evans, Ruth.................................................Croton
Everhart, Donald..........................................Granville
Ewers, Bernice.............................................Granville
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### SUMMARY OF STUDENT ATTENDANCE

(First semester, 1927-1928)

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<thead>
<tr>
<th>Category</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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<tbody>
<tr>
<td>Graduate</td>
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<tr>
<td>Seniors</td>
<td>57</td>
<td>74</td>
<td>131</td>
</tr>
<tr>
<td>Juniors</td>
<td>83</td>
<td>86</td>
<td>169</td>
</tr>
<tr>
<td>Sophomores</td>
<td>135</td>
<td>110</td>
<td>245</td>
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<tr>
<td>Freshmen</td>
<td>158</td>
<td>154</td>
<td>312</td>
</tr>
<tr>
<td>Unclassified and special</td>
<td>12</td>
<td>5</td>
<td>17</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>446</td>
<td>429</td>
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Conservatory—

<table>
<thead>
<tr>
<th>Rank</th>
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<th>Women</th>
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<tbody>
<tr>
<td>Collegiate rank</td>
<td>37</td>
<td>81</td>
<td>118</td>
</tr>
<tr>
<td>Non-collegiate rank</td>
<td>17</td>
<td>24</td>
<td>41</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>500</td>
<td>534</td>
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Conservatory Registration

<table>
<thead>
<tr>
<th>Category</th>
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<th>Women</th>
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</thead>
<tbody>
<tr>
<td>Non-collegiate</td>
<td>17</td>
<td>24</td>
<td>41</td>
</tr>
<tr>
<td>*Seniors</td>
<td>8</td>
<td>9</td>
<td>17</td>
</tr>
<tr>
<td>*Juniors</td>
<td>5</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>*Sophomores</td>
<td>19</td>
<td>17</td>
<td>36</td>
</tr>
<tr>
<td>*Freshmen</td>
<td>5</td>
<td>40</td>
<td>45</td>
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<tr>
<td><strong>Total</strong></td>
<td>54</td>
<td>105</td>
<td>159</td>
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*Refers to collegiate rank. For Conservatory rank, see alphabetical list of names.
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