Macalester College
Bulletin
CATALOG NUMBER

1934

Accredited by the North Central Association of Colleges and Secondary Schools as a degree granting institution.

Macalester College uses in its official publications a number of the reformed spellings recommended by the Simplified Spelling Board and now authorized by standard dictionaries.

SAINT PAUL, MINNESOTA

Entered April 29, 1905, at Saint Paul, Minn., as second class matter under Act of Congress, July 16, 1894.

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Published Monthly except August and September
College Calendar

1934-1935

1934
June 4-9. Monday-Saturday, Second Semester Examinations.
June 6. Wednesday, 8:15 p. m., Recital, Conservatory of Music.
June 7. Thursday, 8:15 p. m., Senior Class Play.
June 8. Friday, 8:15 p. m., Senior Class Play.
June 9. Saturday, 11:00 a. m., Class Day Exercises.
June 9. Saturday, 6:30 p. m., Alumni Banquet.
June 10. Sunday, 4:00 p. m., Baccalaureate Sermon.
June 11. Monday, 10:30 a. m., Forty-fifth Annual Commencement.
June 11. Monday, 8:30 p. m., President's Reception.
Sept. 17. Monday, Freshman Registration.
Sept. 18. Tuesday, Upper Class Registration.
Sept. 19. Wednesday, 8:00 a. m., Classes begin.
Nov. 29. Thursday, Thanksgiving Day.
Dec. 18. Tuesday, 4:00 p. m., Christmas Vacation begins.

1935
Jan. 2. Wednesday, 8:00 a. m., Christmas Vacation ends.
Feb. 4-5. Monday-Tuesday, Second Semester Registration.
Feb. 6. Wednesday, 8:00 a. m., Classes begin.
Mar. 8. Friday, Cap and Gown Day.
Mar. 21. Thursday, Pi Phi Epsilon Initiation.
Apr. 18. Thursday, 4:20 p. m., Spring Vacation begins.
Apr. 29. Monday, 8:00 a. m., Spring Vacation ends.
May 30. Thursday, Memorial Day.
June 3-8. Monday-Saturday, Second Semester Examinations.
Administrative Staff

JOHN C. ACHESON, M. A., LL. D., President

RICHARD U. JONES, M. A., Sc. D., Dean of the College

MARGARET M. DOTY, M. A., Dean of Women

CLARENCE E. FICKEN, M. A., Dean of Men

JOHN P. HALL, B. A., Registrar

CARL A. JENSEN, Director of the Conservatory of Music

FRANK F. PASKEWITZ, B. A., Assistant Treasurer

GEORGE E. SCOTTON, B. A., Field Representative

MAUDE COMPEAU, R. N., Director of Health Service

SARAH E. MACKNIGHT, B. A., Secretary to the President

ALICE KINGERY, B. A., Secretary to the Registrar

MARGARET SHAFFER, B. A., Secretary to the Deans

FERNAM BUDOLFSON, Bursar

SHIRLEY PALMER, B. A., Secretary to the Assistant Treasurer

ANN HUBBARD, B. A., Secretary to the Bursar

CHARLOTTE GRAHAM, Hostess, Wallace Hall

MRS. I. M. MURRAY, Hostess, Kirk Hall
Board of Trustees

Officers of the Board

C. H. Bigelow .................................. President
C. V. Smith .................................. First Vice-President
Carl T. Schuneman .................................. Second Vice-President
Paul D. Schriber .................................. Secretary
F. R. Angell .................................. Treasurer

TRUSTEES

Terms Expire June, 1934

C. H. Bigelow .................................. St. Paul
Geo. D. Dayton .................................. Minneapolis
Wm. P. Kirkwood .................................. St. Paul
C. V. Smith .................................. Minneapolis
L. H. Williams .................................. Minneapolis
Rev. H. H. Baldwin .................................. St. Cloud
Rev. H. N. Wilson, D. D. .................................. St. Paul

Terms Expire June, 1935

Rev. Wm. H. Boddy, D. D. .................................. Minneapolis
Carl T. Schuneman .................................. St. Paul
*B. O. Chapman .................................. St. Paul
Paul D. Schriber .................................. St. Paul
R. M. Weyerhaeuser .................................. St. Paul

Terms Expire June, 1936

E. B. Kirk .................................. St. Paul
Watson P. Davidson .................................. St. Paul
F. R. Bigelow .................................. St. Paul
C. L. Hilton .................................. St. Paul
F. R. Angell .................................. St. Paul
Geo. A. Mairs, Jr. .................................. St. Paul

John C. Acheson, ex-officio

*Deceased
Committees of the Board of Trustees

Executive

C. H. Bigelow, Chairman
Paul D. Schriber, Secretary
F. R. Angell
F. R. Bigelow
Wm. H. Boddy

E. B. Kirk
Geo. D. Dayton
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H. N. Wilson

John C. Acheson, ex-officio

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C. V. Smith

GEO. D. Dayton
E. B. Kirk

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Carl T. Schuneman
R. M. Weyerhaeuser

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C. H. Bigelow

Geo. A. Mairs
R. M. Weyerhaeuser

John C. Acheson

Endowment and Buildings

Carl T. Schuneman, Chairman
C. H. Bigelow

Geo. A. Mairs
John C. Acheson

Annuities

C. V. Smith, Chairman
F. R. Bigelow

Geo. D. Dayton
C. L. Hilton

Commencement

John C. Acheson, Chairman
Wm. H. Boddy
H. H. Baldwin
W. P. Kirkwood
College Faculty*
(The figures in parentheses indicate the year of beginning service for Macalester College)

JOHN CAREY ACHESON, President. (1924)
A. B., Centre College, 1898; A. M., 1900;
LL. D., Central University of Kentucky, 1913.

†JAMES WALLACE, President Emeritus.
Professor of Biblical Literature on the
Frederick Weyerhaeuser Foundation. (1887)
A. B., University of Wooster, 1874; A. M., 1877; Ph. D., 1887;
LL. D., 1892; D. D., Macalester College, 1923.

ANDREW WORK ANDERSON, Professor of Philosophy. (1891)
A. B., University of Wooster, 1889; A. M., 1892.

†GEORGE WILLIAM DAVIS, Professor of Social and Political Science. (1892-99. 1907)
Graduate Victoria University, Manchester, England;
Ph. D., Yale University, 1891; D. D., Macalester College, 1901.

DAVID NEWTON KINGERY, Professor of Mathematics and Astronomy. (1896)

†JULIA MacFARLANE JOHNSON, Professor of English Literature and Old English. (1897)

JOHN PORTER HALL, Registrar.
Professor of Greek. (1897)
A. B., Princeton University, 1897.

RICHARD URIAH JONES, Dean of the College.
Professor of Chemistry. (1901)

HUGH STUART ALEXANDER, Professor of Geology. (1906)
A. B., Macalester College, 1899; A. M., University of Minnesota, 1905; Ph. D., 1931.

§GLENN CLARK, Professor of English. (1912)
Ph. B., Grinnell College, 1905; A. M., Harvard University, 1908.

*The names are arranged according to seniority of appointment in each of the following groups: Professors, Associate Professors, Assistant Professors and Instructors.
†Retired.
§Leave of absence—Second Semeester, 1933-34.
OTTO THEODORE WALTER, Professor of Biology. (1922)
A. B., State University of Iowa, 1916;
A. M., 1917; Ph. D., 1923.

INA ANNETTE MILROY, Professor of German. (1925)
Ph. D., University of Berlin, 1904.

WALTER SCOTT RYDER, Professor of Sociology. (1927-1934)
A. B., Acadia University, 1915; B. D., Rochester Theological Seminary, 1918; A. M., University of British Columbia, 1920; Ph. D., University of Chicago, 1928.

RAYMOND JAY BRADLEY, Professor of Education (1932)
S. B., Cornell College, Iowa, 1912; Ph. D., University of Minnesota, 1929.

JOHN BOLTON KELSO, Professor of Art Appreciation. (1933)

SAMUEL FLOYD FRANKLIN, Professor of Psychology. (1925)
A. B., Princeton University, 1912; A. M., 1914; B. D., Princeton Seminary, 1915; Ph. D., New York University, 1925.

FREDERIC GIBBS AXTELL, Librarian. (1903)
A. B., Wesleyan University, 1888; A. M., 1891.

MARGARET MacGREGOR DOTY, Dean of Women, Associate Professor of English. (1920)
A. B., Macalester College, 1914; A. M., Columbia University, 1927.

CLARENCE ELWOOD FICKEN, Dean of Men, Associate Professor of French. (1924)

EDWIN KAGIN, Associate Professor of Religion on the Thomas W. Synnott Foundation. (1926)
A. B., Centre College, 1904; B. D., Kentucky Theological Seminary, 1907; Th. M., Princeton Seminary, 1922; A. M., Princeton University, 1923.

GRACE JANE LOVELL MAY, Associate Professor of English. (1924)
A. B., University of Minnesota, 1904; A. M., 1917.

KENNETH LEEDS HOLMES, Associate Professor of History. (1925)
A. B., Yale University, 1917; A. M., University of Louisville, 1925.

FRANK EARL WARD, Associate Professor of English. (1926)
A. B., Oberlin College, 1922; A. M., 1923.
CHESTER HINES SHIFLETT, Associate Professor of Chemistry. (1929)
A. B., Kingfisher College, 1921; A. M., Clark University, 1923.
Ph. D., University of Minnesota, 1933.

RUSSELL BYRON HASTINGS, Associate Professor of Physics. (1929)
A. B., Clark University, 1924; A. M., 1925.

GEORGIANA PAINE PALMER, Associate Professor of Latin. (1929)
A. B., Smith College, 1921; A. M., Smith College, 1924.
Ph. D., University of Chicago, 1932.

FORREST ALBERT YOUNG, Associate Professor of Economics. (1929)
S. B., Monmouth College, 1922;
A. M., University of Chicago, 1926.

RAYMOND DARWIN BURROUGHS, Associate Professor of Biology. (1930)
A. B., Nebraska Wesleyan University, 1924;
A. M., Princeton, 1925.

GRACE BEE WHITRIDGE, Assistant Professor of Dramatic Art. (1900)
Graduate Boston School of Oratory, 1890; post-graduate, 1891;
Graduate New York Academy of Dramatic Art, 1899.

DAVID CLAIR PRIMROSE, Director of Physical Education for Men. (1926)
S. B., Bellevue College, 1911; B. P. E., Association College, Chicago, 1916.

BORGHILD SUNDEHEIM, Assistant Professor of French. (1927)
S. B., University of Minnesota, 1925; A. M., 1927.

†MARY GWEN OWEN, Assistant Professor of Dramatic Art. (1928)
A. B., Macalester College, 1923.

ALAN GOWANS, Assistant Director of Athletics. (1930)
A. B., Cornell College, 1922.

MILTON DUNCAN McLEAN, Assistant Professor of Religion and Psychology. (1931)
S. B., University of Minnesota, 1921; D. B., Presbyterian Theological Seminary, Chicago, 1925;
A. M., University of Chicago, 1931.

†Leave of absence 1933-34.
SYNNEVA HOFLAND, Director of Physical Education for Women. (1931)
A. B., St. Olaf College, 1925; A. M., University of Wisconsin, 1930.

DOROTHEA SCHULTZ, Assistant Professor of German. (1930)
Ph. B., University of Chicago, 1927; A. M., 1928.

ROB ROY MacGREGOR, Assistant Professor of History. (1932)
A. M., Southern Methodist University, 1926; Ph. D., Clark University, 1929.

ELBERT WINFRED RINGO, Assistant Professor of Spanish. (1932)

VIVIEN MARIE PALMER, Assistant Professor of Sociology, in charge of Social Work. (1933)
Ph. B., University of Chicago, 1918; A. M., Columbia University, 1923; Ph. D., University of Chicago, 1932.

WILBUR WALLACE WHITE, Assistant Professor of Political Science. (1933)
A. B., Ohio State University, 1924; A. M., University of Chicago, 1929.

WILLIAM AUGUSTUS CORNELL, Assistant Professor of Sociology. (1934)
Ph. B., University of Wisconsin, 1923; A. M., University of Chicago, 1925.

MARY ELIZABETH RONEY, Assistant in English. (1933)
A. B., Macalester College, 1930.

CHARLES A. CARLETON, Instructor in German. (1933)
A. B., University of Minnesota, 1928; A. M., 1931.

ERIK IVAN NYLANDER, Instructor in German. (1933)
A. B., University of Minnesota, 1928; A. M., 1933.
GEORGE ALEXANDER MAIRS, JR., Instructor in Economics. (1933)
A. B. Lafayette College, 1923; A. M., University of Minnesota, 1930.

WALKER FRAME VANCE, Instructor in Religious Education. (1933)
A. B., Lawrence College, 1917; B. D., Presbyterian Theological Seminary, 1921.

DAVID MARTIN FULCOMER, Fellow in Sociology. (1933)
A. B., Macalester College, 1932.

ELIZABETH JEAN MANUEL, Fellow in Religion. (1933)
A. B., Macalester College, 1932.

DONALD HILL ROCK, Fellow in Mathematics. (1933)
A. B., Macalester College, 1933.

GERTRUDE ADELAIDE WAITS, Fellow in Biology. (1933)
A. B., Macalester College, 1933.

KARL HAROLD LEVANDER, Debate Coach. (1933)
A. B., Gustavus Adolphus College, 1932.

VIDA ALEXANDER, Fellow in Geology. (1933)
A. B., Macalester College, 1927.

ALBERT PHILLIPS BEEDON, Fellow in English. (1933)
A. B., Macalester College, 1928; A. M., University of Minnesota, 1930.

MILTON BLAIR HART, Fellow in Expression. (1933)
A. B., Macalester College, 1932.
Committees of the Faculty
The President is ex-officio a member of each committee

**Curriculum**

<table>
<thead>
<tr>
<th>Faculty</th>
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<tbody>
<tr>
<td>J. C. Acheson</td>
<td>H. S. Alexander</td>
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<tr>
<td>R. U. Jones</td>
<td>C. A. Jensen</td>
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<tr>
<td>A. W. Anderson</td>
<td>Margaret M. Doty</td>
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<td>J. P. Hall</td>
<td>K. L. Holmes</td>
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**Social Affairs**

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<tr>
<td>Margaret M. Doty</td>
<td>Grace B. Whitridge</td>
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<tr>
<td>C. E. Ficken</td>
<td>Synneva Hofland</td>
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<tr>
<td>(also student members)</td>
<td>D. C. Primrose</td>
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**Athletics**

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<td>C. E. Ficken</td>
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<td>Glenn Clark</td>
<td>O. T. Walter</td>
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<td>R. J. Bradley</td>
<td>R. B. Hastings</td>
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<td>E. Kagin</td>
<td>D. C. Primrose</td>
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**Publications**

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<tr>
<td>F. E. Ward</td>
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<td>Grace May</td>
<td>K. L. Holmes</td>
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<td>G. W. Davis</td>
<td>Glenn Clark</td>
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<td>K. L. Holmes</td>
<td>E. W. Ringo</td>
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<td>W. W. White</td>
<td>Forrest A. Young</td>
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**Appointments**

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<tr>
<td>R. J. Bradley</td>
<td>R. D. Burroughs</td>
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<td>E. Kagin</td>
<td>Forrest A. Young</td>
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<td>J. P. Hall</td>
<td>J. P. Hall</td>
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**College Functions**

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<tr>
<td>Grace B. Whitridge</td>
<td>F. G. Axtell</td>
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<td>J. P. Hall</td>
<td>K. L. Holmes</td>
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<td>Forrest A. Young</td>
<td>C. A. Jensen</td>
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**Religious Life and Activities**

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<tr>
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<tbody>
<tr>
<td>E. Kagin</td>
<td>Georgiana Palmer</td>
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<tr>
<td>S. F. Franklin</td>
<td>W. F. Vance, ex-officio</td>
</tr>
<tr>
<td>Milton McLean</td>
<td>Julia M. Johnson</td>
</tr>
<tr>
<td>Chester H. Shiflett</td>
<td>Dorothea Schultz</td>
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**Chapel**

<table>
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<tr>
<th>Faculty</th>
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<tbody>
<tr>
<td>Milton McLean</td>
<td>C. A. Jensen</td>
</tr>
<tr>
<td>(also four student members)</td>
<td>E. Kagin</td>
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**Pi Phi Epsilon**

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<tr>
<th>Faculty</th>
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<tr>
<td>R. B. Hastings</td>
<td>F. A. Young</td>
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<tr>
<td>O. T. Walter</td>
<td>G. W. Davis</td>
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<td>Borghild Sundheim</td>
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General Information

Historical Sketch

Macalester College was opened on September 15, 1885. It is the outgrowth of two academies founded by the distinguished Minnesota pioneer missionary and educator, the Rev. Edward Duffield Neill, D. D. One of these schools was founded in St. Paul, in 1853; the other was established in Minneapolis, in 1873. Both were named after Mr. M. W. Baldwin, the famous locomotive builder, who was a close friend of Dr. Neill and a financial supporter of his first educational undertaking. In 1873 Dr. Neill solicited aid from Mr. Charles Macalester of Philadelphia for the purpose of developing the Baldwin School into an undenominational college of the New England type. The latter gave for this purpose the noted summer hotel at St. Anthony Falls, known as the Winslow House. In appreciation of this gift the proposed institution was named Macalester College, March 5, 1874.

Failing in his effort to secure adequate endowment for this college for men only, Dr. Neill asked the Synod of the Presbyterian Church of Minnesota to adopt this college as a denominational institution. On October 15, 1880, by action of the Synod, it passed under Presbyterian control. The trustees of the college, in 1883, donated to the institution the forty acres on which it is now established. They then sold the Winslow House and from the proceeds thereof, in 1884, erected the east wing of the present main building. The same year the Synod completed an endowment of $25,000 for the president’s chair, and in 1885 the institution was opened to students.

From 1889 to 1898 Macalester College graduated one hundred men students. In 1893 the college was made coeducational.

In 1900 there was a reorganization of the Board of Trustees. In 1904 the first endowment campaign for $300,000 was launched, which was completed in 1911, and two buildings erected on the campus, the Carnegie Science Hall and Wallace Hall, dormitory for women. In 1916 the endowment fund was increased by $250,000.

Subsequent financial campaigns and gifts have increased the college endowment to $1,574,344.00. With the erection of several more buildings, the Gymnasium, 1924, Kirk Hall, men’s dormitory,
1927, central heating plant, 1926, president's residence, 1927, and the acquisition of other property and buildings, the value of the campus and buildings is now $1,215,969.75.

**Presidents of Macalester College**

- Rev. Thomas A. McCurdy,* D. D., 1884-1890.
- Rev. David James Burrell,* D. D., 1890-1891.
- James Wallace, Ph. D., LL. D., 1894-1906.
- Thomas Morey Hodgman,* LL. D., 1907-1917.

**Form of Bequest**

The corporate name of the institution is The Trustees of Macalester College.

Legal Form of Bequest.—I give and bequeath to The Trustees of Macalester College of St. Paul, Minnesota, duly incorporated under the laws of Minnesota, the sum of .................... dollars.

**Location**

Macalester College is located in Macalester Park, in the Midway District of St. Paul, within easy access of the business centers of both St. Paul and Minneapolis. The public libraries and churches in both cities are open to the students and opportunities to hear the best in music and art—the Symphony Concerts, offerings of the Schubert Club, the St. Paul Institute, the University Concert course, opera and drama, are advantages which may be enjoyed by the students.

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue.

**Buildings**

The Main Building contains classrooms, library and administration offices.

The Carnegie Science Hall is the gift of Mr. Andrew Carnegie. The first floor is devoted to physics and geology; the second to biology, mathematics and astronomy; and the third to chemistry.

Conservatory of Music, located on Summit Avenue, contains a recital hall, office and practice rooms.

*Deceased*
Kirk Hall, a dormitory for men, is located on the corner of Lincoln and Snelling Avenues. It is of American Colonial style of architecture, built on the quadrangle plan in nine sections, each opening onto the central court. In most cases the rooms are arranged to provide a study-room with two, and sometimes three, adjoining bedrooms. There are also some single study-bedrooms. The building will accommodate 142 students. One section contains kitchen, dining-room and a community room.

Wallace Hall, a dormitory for women students, was named for James Wallace, now president-emeritus of the college. This three-story, fire-proof brick building contains rooms for 80 students. The drawing-rooms furnish opportunity for both informal and the more formal social activities. Although it is modern in equipment, the Hall is old enough to have built up about its family life many traditions and pleasant customs.

The students of Wallace Hall participate, in cooperation with the hostess who resides in Wallace Hall, in student government. Students who have a sense of responsibility and who wish to share the responsibility for their own activities will find here every encouragement for the development of self-government, as well as a comfortable home during their college residence.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, the first floor of which is equipped for the College Health Service, containing hospital rooms, diet kitchen, small dispensary as well as nurse's quarters.

The Gymnasium, of American Colonial design, is thoroughly modern and complete. The main gymnasium floor is surrounded by a running track and spectators’ balcony. The first floor also contains offices for the athletic directors of men and women, check rooms, a kitchen adequate for large social events and apparatus rooms. The second floor provides two rooms for boxing, wrestling and social events. The basement contains a standard swimming pool, hand ball courts, a field sports room and locker rooms.

Shaw Athletic Field, which was dedicated at the opening of the school year in 1909, was named in honor of Professor Thomas Shaw, former President of the Board of Trustees, on account of his interest and assistance in the athletics of the institution.
Library

The Edward D. Neill Library contains about 21,500 volumes and is located on the ground floor of the main building. In Carnegie Science Hall are department libraries.

One hundred and twenty-five periodicals are on file in the Library or in the department libraries.

Toward maintenance of the Library there is set apart each semester two dollars and fifty cents of each tuition fee.

Henry L. Moss, a former trustee of the college, and his wife, bequeathed to the college an endowment which yields an income of $450 for the Library.

The Library is open during the college year as follows: Monday to Friday, from seven-fifty to six and from seven to nine-twenty o'clock; Saturday, from seven-fifty to six o'clock; holidays, from nine to twelve and one to five o'clock.

Other Library Privileges

Accessible for special assignments are libraries which contain one and three-quarter millions of volumes. These are: the James Jerome Hill Reference Library, which supplements the resources of other libraries and affords unusual opportunity for study and research; the St. Paul Public Library; the library of the Minnesota Historical Society, with extensive collections in American history and a manuscript department open to properly qualified college students; the State Law Library, the Minneapolis Public Library and the University of Minnesota Library.

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar is imposed for the first day and fifty cents for each subsequent day. No excuses are granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 29.

For the first semester of the college year freshmen present themselves for registration on Monday morning of the opening week. On Tuesday a series of lectures on subjects of importance to new students will be given by the President and various members of
the faculty. On Tuesday registration of sophomores, juniors and seniors occurs. Registration without penalty ends Tuesday.

Second semester registration occurs on the Monday and Tuesday immediately preceding the second semester.

The student who has failed in half the work of one semester, counted by hours, may not register for the following semester.

Students who in their freshman year have earned no honor points and students who have completed two years of work and have not earned 16 honor points may not re-register.

Students whose influence is found to be hurtful, even though guilty of no serious breaches of order, will not be retained in the institution.

The prospective student should procure from the college an application blank in which his high school credits are to be entered by the principal or superintendent and mailed by the proper school authority to the Registrar. A character recommendation is required.

**Examinations and Reports**

Examinations are held at the close of each semester. A record is kept of each student's grades, a copy of which is sent to the parent or guardian at the close of each semester.

Students who secure a passing mark in a course are graded as follows: A, B, C or D, which mean excellent, good, fair and poor, respectively. Students who do not reach a passing mark are graded as follows: Con, I or F. Con, meaning condition, implies that the student has failed in the final examination and that the deficiency may be removed by his passing in a second examination to be given later. If, however, a student's class grade is D, an F may be given on failure in one examination. I means that the mark is withheld by the instructor because the work required has not been completed. F means failure in term grade. In cases of failure students may secure credit only by repeating the course. A Con becomes an F upon failure to pass the second examination.

Conditions incurred in courses of the first semester must be removed by examination within the first two weeks of the second semester; conditions incurred in courses of the second semester must be removed within the first two weeks of the following semester.

For private and condition examinations a fee of fifty cents shall be paid for each examination at the office of the bursar. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.
Degrees

Graduates of the College of Liberal Arts receive the degree of Bachelor of Arts. The degree of Bachelor of Music is granted to students who fulfill the requirements for such degree in the Conservatory of Music.

Prizes

Noyes Prize.—Mrs. D. R. Noyes has given $2,000, the interest of which is used as prizes for student scholarship. These are awarded to the first honor students of the senior, junior and sophomore classes.

Stringer Prize.—In honor of the memory of her husband, Mrs. E. C. Stringer bequeathed $500, the income from which is awarded each year to that student of the college, who, having not fewer than fourteen recitations a week, wins the first place in the preliminary oratorical contest, and represents the college in the state contest.

Collins Prizes In Extemporaneous Speaking.—A contest in Extemporaneous Speaking is held annually during Commencement Week. For this purpose Dean G. R. Collins of New York University offers each year prizes totaling $50, divided into three prizes of $30, $15 and $5.

Funk Prizes.—For the encouragement of intensive and original studies in history, Mrs. Lydia C. Funk offers $100 annually in three prizes of $60, $25 and $15. Contestants must be members of the senior class, majoring in history and having a standing in the department of at least B.

Scholarships

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., the income of which is assigned by the Presbyterian Board of Christian Education to a student named by the college.

Wallace Scholarship.—A gift of $10,000 by Dr. James Wallace and family in memory of Mrs. James Wallace, the interest of which is devoted to a general scholarship.

Synodical Scholarship.—This is made up of gifts from churches and individuals throughout the state and amounts to $2,300, the interest of which is devoted to general scholarships.

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given $1,000, the income from which is for the aid of a student selected by the faculty.
Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives $60 for a scholarship awarded by the faculty.

McCabe Scholarship.—Bequeathed by Edward Everett McCabe of the class of 1914 and accepted as a general scholarship.

Crawford Scholarship.—A gift of $1,000 in memory of Ira Leslie Crawford, the income from which is devoted to a general scholarship.

Myers Scholarship.—S. F. W. Myers has given, in memory of his son, Carl Bertram Myers, $1,000, the income from which is devoted to a general scholarship.

Students who receive the benefits of the above scholarships, which are assigned by the college, are required to repay same if they leave the institution before graduation.

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, the interest of which is devoted to a scholarship for a nominee of the Central Presbyterian Church of St. Paul.

Webb Scholarship.—Mr. E. A. Webb, deceased, gave $1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul.

Winona Scholarship.—The First Presbyterian Church has given $1,000, the interest of which is to aid a candidate nominated by this church.

The H. W. Coffin Scholarship.—Established by Mrs. Mary E. Coffin of Duluth, the income of which is to be used by relatives of the H. W. Coffin family, young people from the Glen Avon Presbyterian Church, Duluth, or for students for the ministry or missionary service. Beneficiaries of said scholarship to be given precedence in the order named.

Macalester Scholarship of St. Paul Presbytery.—Amounting now to $1,139, the interest of which is to aid a student nominated by the Presbytery of St. Paul.

James Mulvey Memorial Scholarship.—Founded by the Misses Jessie and Edna Mulvey in memory of their father; amounts total $2,500. Interest to aid a student for the ministry or missionary service or other worthy student selected by the donors or by the faculty.

The Merriam Park Presbyterian Church Scholarship.—The sum of $3,000, given by the Merriam Park Presbyterian Church of St. Paul, the income from which is awarded to a student selected by the church.
Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry, and to men and women candidates for missionary service.

Rhodes Scholarships.—In order to keep this well-known bequest before the minds of present or prospective students it is briefly mentioned. Any male student who is a citizen of the United States, unmarried, not less than nineteen nor more than twenty-four years of age and who has reached the end of his sophomore year of study, may be a candidate for one of the Minnesota scholarships. This insures to the winning contestant a three years' residence in Oxford University, England.

A. A. U. W. Fellowships and Scholarships.—Every year the American Association of University Women through its branches and state federations awards over $80,000 in fellowships, scholarships and loans to graduate and undergraduate students. Attention is called to the 16 fellowships awarded to graduate women annually for further research and study in this country and abroad. Macalester women undergraduates and graduates are eligible to apply for these scholarships and fellowships.

Loan Funds

Faculty Women's Club.—A fund of $2,000, held by the Faculty Women's Club, is used for short period loans, preferably to junior and senior students.

Paul A. Ewert.—Bequeathed in the will of Paul A. Ewert of the class of 1894, the sum of $5,000, the income from which is to be used in helping worthy students.

Knox Memorial.—An endowment of $2,500, the income from which shall be given as a loan to some student named by Mrs. Jane Knox of Jackson, Minnesota.

The Harry Phillips Memorial.—The sum of $100 has been provided by Mrs. Mildred Phillips Kindy in honor of the late Professor Harry Phillips, founder and for many years head of Macalester College Conservatory of Music. This is to be used as a loan fund to worthy music students.

The Board of Christian Education.—This is a fund to give financial aid to those students who, without it, would be forced to discontinue their college course. The fund is administered by a
committee of the faculty. Loans may be granted to deserving students in amounts not to exceed $200, at six per cent interest. The cooperative feature of the plan obviates the giving of collateral. Repayment of the loan is made in installments commencing not later than one year after the student leaves college. This fund is not available for freshmen.

**Dames of the Round Table.—** This is a fund of $300, established in memory of Mrs. Jennie E. Straight, to be used for loans without interest, to students. A loan from this fund is to be repaid not later than one year after the student has left college. An extension may be granted at the discretion of the college with the consent of the donors.

**New England Women.—** The St. Paul Colony of New England Women offers to a young woman of New England ancestry a loan of $100 without interest. Preference is given to a junior or senior student. Application for this loan should be made through the Dean of Women.

**Maria Sanford.**—A loan fund maintained under the auspices of the Minnesota Daughters of the American Revolution. Available for any worthy junior or senior in any accredited Minnesota college. Application should be made thru the Dean of Women.

**William F. Rodgers Memorial.**—A fund of $5,000, bequeathed by Mr. William F. Rodgers, the income of which is available for student loans.

**L. D. Coffman.**—A fund the principal of which is to be used as a general loan fund. Interest received from students on this fund is applied to increase the principal.

**James Faricy.**—A fund the principal of which is to be used as a general loan fund. Interest received from students on this fund is applied to increase the principal.

**Alumni Loan Fund.**—A loan fund established in 1933, the principal of which is available to students approved by the committee of the Alumni.

**Department Foundations**

**The Weyerhaeuser Foundation.**—Founded by Mr. Frederick Weyerhaeuser, and increased by members of his family, totaling $100,000, to be devoted to the development and maintenance of the Department of Religion.
The Synnott Foundation.—A gift of $50,000 from Thomas W. Synnott, held in trust by the Board of Christian Education of the Presbyterian Church, U. S. A., for the maintenance of the Department of Religion.

The Martin Foundation.—The gift of John C. Martin in 1908 of $10,000 to be used in the Department of Religion.

The Moss Foundation.—A gift from Henry L. Moss now totaling $7,464.77, income from which is to be used for the maintenance of the Library.

The Henry D. Funk Memorial Foundation.—Established by Mrs. Lydia A. Funk, a gift of $10,000, income from which is to be devoted to the development of the Department of History.

**Student Activities**

Approval of the Assistant Treasurer is required for the incurring of debts in excess of $10.00 in any student activity.

The Y. M. C. A. holds its regular meeting every Tuesday morning. A committee of the association is present at the college two or three days before the opening of the first semester to assist the new students.

The Y. W. C. A. offers social, educational and religious advantages to the women of the college. It binds all the women together into one common fellowship thru its regular Tuesday morning meetings, mission and Bible study classes as well as social affairs.

Literary Societies.—In the college there are seven literary societies under the general oversight of the faculty. Hyperion society admits to membership both men and women; Athenaean, and Eulogian societies admit men and Chi Phi Delta, Clionian, Philotian and Thalian societies, women.

The Quill Club.—The American College Quill Club is a writer’s organization established in various American Colleges for the purpose of encouraging literary effort and criticism. It is not an honorary body—admission is by original manuscript only, with due consideration given to the character of the applicant for responsibility and sustained effort. Active members are also drawn from the faculty. The local chapter is known as Cen Rune.

The Macalester Players is a group within the Department of Expression, whose object is to stimulate and develop an apprecia-
tion of the best in drama. Several plays are given each year, coached by the head of the department.

**Debate and Oratory.**—All matters pertaining to debate and oratory are in charge of Pi Kappa Delta.

The college takes part in the State Intercollegiate Contest in Oratory and is a member of the State Intercollegiate Debate League. A preliminary home contest is held for each of these contests, for which suitable prizes are offered.

**Pi Kappa Delta.**—This is a national honorary fraternity, organized to give recognition to those who distinguish themselves in public speaking, and to promote interest in forensics.

**International Relations Club.**—In the fall of 1932 the History Department of Macalester College sponsored the organization of the International Relations Club as a study group and discussion forum for those students in the college interested in contemporary international questions. The International Relations Club immediately became affiliated with the Carnegie Endowment for International Peace as a link in the circle of hundreds of such clubs scattered around the world. These clubs are devoted to the encouragement of informed public opinion upon international questions. The Macalester International Relations Club from time to time holds general open meetings for the public and in this manner and also by means of radio broadcasts helps to present useful information on current issues.

**College Glee Club.**—This is a men's organization, firmly established and with a splendid record of accomplishment in the twenty years of its existence. The club is under the direction of a faculty adviser.

**Aeolian Chorus.**—A well-established undergraduate organization of women under the direction of a faculty adviser.

**The M Club** was organized December 9, 1913. It was founded to keep those who have won the letter in touch with one another and to foster athletics. When a Macalester student has earned an M he becomes a member on the payment of one dollar initiation fee.

**Sigma Delta Psi.**—This is the national athletic fraternity which stands for the comprehensive intelligent development of physical training for college men. The Macalester Chapter was established February 18, 1925.

No literary society or other student organization may be established without the consent of the faculty.
Pi Phi Epsilon Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college.

In keeping with the practice in most colleges, membership is restricted to seniors and second semester juniors. Nominations to the society are made upon the basis of high scholastic attainments in the several fields of the curriculum.

At graduation active members become graduate members of the society, and are entitled to all its privileges except voting. Members of the faculty are honorary members of the society.

The undergraduate members are:

Lorraine Violet Anderson Elaine Marsella Johnson
Reinhold Kirk Batzer Helen Astrid Johnson
Robert Fletcher Berquist Theodore Norton Johnson
Ralph William Chamberlain Inga Klaksvik
Olive Marie Christensen Margaret Helen Krause
Charles Theodore Eginton Dorothy Adelaide Larsen
Florence Ethel Emmans Charles Frederick Mullen
Eleanor Carolyn Heck Enid Lucille Newkirk
Edith Belle Hesser Earl Howard Wood
Andrew Walter Hobart Winifred Marie Ethel Zastrow
Laura Marie Jeffrey

Religious Life and Exercises

Macalester was founded as a Christian college. The atmosphere of the college has always been warmly religious. The Young Men's and Young Women's Christian Associations are large and active. The city offers much opportunity for religious work. In keeping with the purpose of the founders of the college the faculty makes the following requirements:—(1) Courses in Religious Education; (2) attendance at the chapel exercises. Attendance at Sunday church service is expected of all students. Students connected with churches either by membership or sympathies are expected to attend the church of their preference.

Personnel Records

Personnel records are kept for all students. Individual histories are compiled, including grades, certain English and college aptitude tests, health reports, faculty reports, extra-curricular activities, and conferences which are held concerning questions of scholastic work, matters of group interest, and personal problems.

These records are on file in the office of the Dean.
Placement Service.

The Committee on Appointments assists seniors and former students in securing positions in the fields of business, education, etc., and in securing grants-in-aid in graduate schools. Obviously only those will be recommended who show by their character, interest, ability and professional preparation that they are qualified for the work for which they are applying.

For the year 1934-1935 the enrollment fees will be as follows:
- Business division, director Professor Young.................. $1.00
- Education division, director Professor Bradley—
  - Seniors........................................ 2.00
  - Graduates................................... 3.00

Publications

The following publications are issued from the college:

The Macalester College Bulletin, devoted to the advertisement and advancement of the institution.

The Mac, a biennial publication devoted to college interests published by the students.

The Mac Weekly, a student newspaper established in 1914. It gives expression to student opinion upon matters of college life, and accounts of college events.

The Gateway, a literary magazine published by the members of the college Quill Club.

Health Service

The college provides this service to safeguard the health of students. The department works in close cooperation with the Department of Physical Education. Entrance medical and physical examinations are held jointly and the records are used in both departments for follow-up work and for making up classes in corrective exercises. In cases where it seems advisable, further clinical examinations may be required. These examinations are designed to discover defects or tendencies which may and should be corrected; to protect the individual against work for which he is physically unqualified; and to guard the college community against communicable disease. No student may report for classes before his medical and physical examinations are completed. Appointment cards are given by the Dean at the time of registration. Special stress is laid on everything pertaining to health welfare and a sound physical development.

The college maintains a well-equipped infirmary. The Health Director, a graduate nurse, is in residence, and her service is available for all students suffering from minor illnesses or injuries. The nurse acts under the direction of a physician in all cases.
An appropriation is made for this service from the tuition charge, which covers entrance medical examinations, nursing care in all minor illnesses, all office consultations, medicine and dressings, and the use of the infirmary for a period of one and one-half days a semester. For a longer period the rate is $1.00 a day.

Arrangements will be made with hospitals in the city for all cases of contagion and surgery or of prolonged or serious illness. The expense of this service is borne by the patient.

**Expenses**

Tuition and fees are due and payable at the beginning of each semester, before completion of registration and before the student is admitted to classes. A student may, however, pay his account in installments, one-third at time of entrance, and the balance in three equal monthly payments. A flat charge of 2% of the sum of all installments is added after the first to cover the costs to the college of this deferred payment service. A loan fund, administered by the President at his discretion, is available for a limited number of students who cannot satisfy these requirements.

†Tuition, regular student ................................................... Semester $87.50
Special student, ten hours or less, Semester hour ......................... 6.00

Special Fees—
Biolo gy 101, 102, 121, 122, 204 with laboratory, 301, 302, 304 with laboratory, 305 ........................................... " 5.00
Biolo gy 112, 204 .................................................................. " 2.00
*Chemistry 101-102, 103-104, 201, 202, 309-310, 331-332, 305 .................................................. " 7.00
Education 201, 307 ................................................................ " 1.00
Geology ................................................................................. " 1.00
Physics 101-102 .................................................................. " 2.50
Physics 201-202, 221, 301-302, 411 ........................................... " 5.00
Psychology 311 ...................................................................... " 2.50
Change of Course .................................................................. " 1.00
Guarantee Fee (Dormitories) ..................................................... " 2.50
Diploma .................................................................................. 5.00

*This is a deposit fund. The actual fee charged will be based upon the cost of material.
†A fee of $6.00 is charged for each credit hour in excess of eighteen.
A fee of $5.00 is charged for each course audited without credit.
An exchange fee will be charged on all out-of-town checks.

From each tuition fee the administration makes an appropriation of $12.50 a semester for library, health service and student activities.

Refunds are not granted during the last six weeks of any semester except for illness. Two weeks are added to the date of cancellation for refund purposes.
In case of prolonged illness which removes the student from college for a period of a month or more, refunds are made on tuition, board and room from the end of a two weeks' period following the beginning of illness according to the records of the college nurse.

There are no refunds on portions of tuition which are applied to student activities.

Students who fail to meet accounts when due are denied class room privileges until reinstated upon satisfactory settlement with the Assistant Treasurer.

If a student leaves the institution at any time after entrance without the approval of the faculty, or because he has been suspended or dismissed, no tuition is refunded.

Students working for the college will have all bills due the college deducted from the amount due them before being paid for work performed.

Credits will be withheld until all obligations are met.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of twenty per cent each semester on tuition.

2. All candidates for the ministry, of whatever church or denomination, are allowed a rebate of twenty per cent each semester on tuition upon the following conditions:

   (a) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the Department of Religious Education certifications to this fact from the clerks of the presbyteries. Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

   (b) All such students will be held in honor bound to refund to the college treasury the amount of tuition rebated in the event of their abandoning their purpose to enter the ministry.

Rooms and Board

Room rents and board are paid in the manner prescribed for tuition and fees. The college dormitories and commons are closed during Christmas vacation. Fees include room rent and board dur-
ing the shorter vacations. Special permission may be granted for residence in the dormitories during Christmas vacation through application to the house director.

Wallace Hall—
Board, per semester, each person ...................................................... $90.00
Room rent, per semester, each person ................................................. 45.00

Kirk Hall—
Board, per semester, each person ...................................................... 90.00
Room rent, per semester, each person ................................................. 45.00

Students actually working for board and room off the campus are not required to live in the dormitory.

Students are charged for their rooms by the semester and until they are formally vacated and keys surrendered. Each dormitory tenant is held responsible for the rent for the entire semester, whether he has occupied the room continuously or not.

Each tenant is required to deposit $2.50 each semester (including deposit for key) as a guarantee against damage to college property, and to keep this deposit at that amount while in college. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done by unknown hands. The surplus, if any, is refunded to the students at the end of the year.

**Rooms**

There are two types of rooms in Kirk Hall: a study with two or three adjoining single bedrooms; and one room comprising both study and bedroom.

Each student is provided with the following equipment: a study table, two chairs, a three-quarter bed with mattress and pillow, a combination dresser and wardrobe with mirror, sheets and pillow cases, curtains for all windows. Students must provide their own blankets, towels, rugs and any additional fixtures they may desire. Such additional furniture must be of a quality comparable with that supplied by the college and is subject to the approval of the house director.

In Wallace Hall each room has single beds, mattresses, pillows, sheets and pillow cases, dresser, study table, two rockers, two study chairs and a lavatory with hot and cold water.

The drawing of rooms in the dormitories will take place on the first Tuesday in May for those who live in the dormitories. On the second Tuesday in May for those who do not live in the dormitories. After the third Tuesday application for rooms from outside will be filled. Drawings will be under the direction of the Deans.
Application for room in the dormitories should be made by the first of May to the college office. Reservation fee is $10.00. This is applied on the student's account at the time of registration. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come the reservation fees will not be returned. Rooms will be assigned in the order of application.

Students who do not live at home or with relatives are expected to room in a college dormitory, insofar as accommodations are available, unless they are officially permitted to live elsewhere. Application for such permission should be made to the Dean of Women or Dean of Men.

If all dormitories are filled, students may secure living accommodations from a list of rooms approved by the college authorities. Such students are expected to conform to the general social regulations in force in the college dormitories. Change in residence shall be made only when officially approved.

**Self-Support**

Students desiring to do something toward defraying their own expenses can usually find a way of doing so. Many find work on Saturdays, in stores and other places of business, and have thus paid a large part of the expense of their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student with energy and tact fails to find some means by which he may work his way thru college, provided the summer vacation is improved to increase his income.

There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the student's fitness. Valuable suggestions as to employment and the financial side of college life are gladly furnished to prospective students on application and every effort to assist the newcomer is cheerfully made. Address all communications to Employment Bureau, Macalester College, St. Paul.

For women students, there are many opportunities each year to assist in homes near the campus. The uniform rate of four hours' service a day in exchange for room and board has been established, and about thirty girls avail themselves of this opportunity every year. Further information may be secured from the Dean of Women.
Entrance Requirements

General Statement

Macalester College is a member of the Association of American Colleges, the North Central Association of Colleges and Secondary Schools and is on the approved list of the Association of American Universities and the American Association of University Women. Entrance requirements are in harmony with the standards of the North Central Association of Colleges and Secondary Schools.

The satisfactory completion of fifteen units of properly coordinated work is required for admission to the freshman class of the college. The following units are required: four in English (or three in English and two in a foreign language), one in Algebra and one in Geometry. Not more than four units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. Exception to this last requirement may in rare cases be made on the ground of otherwise superior fitness for college work and only upon approval by the faculty. It is strongly recommended that the student submit two or more units of consecutive work in some foreign language. By a unit is meant five recitation periods a week in a subject, carried throughout a year of thirty-six weeks. The recitation periods must be not less than forty minutes in length.

The college requires certain English and college aptitude tests of all freshmen. Students who have taken the tests given by the Association of Minnesota Colleges are exempt from these tests upon entering.

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.
From Accredited Three-Year Senior High Schools.—Graduates of senior high schools, covering the tenth, eleventh and twelfth grades, are admitted without condition, provided they have in this time completed eleven or twelve units in the senior high school and provided that the subjects taken in the senior high school, together with the work done in the junior high school, satisfy the subject requirements stated above.

Applicants for admission to the freshman class should apply to the Registrar for the Applicant's Blank, which is to be filled out by the principal of the high school or academy in which their courses were taken, and mailed by him to the Registrar.

Admission by Examination

Students not presenting certificates as provided for above must present a course of study equal to a four-year high school course. Such students will be examined in the course presented by them and will be admitted to freshman standing on passing the examination satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Admission with Advanced Standing

From Other Colleges.—Students transferring to Macalester College from accredited institutions of collegiate grade must present letters of honorable dismissal and an official transcript of previous collegiate and preparatory record.

Students with failures in another college cannot be transferred to Macalester until such failures have been cleared.

From Normal Schools.—Credits from Normal Schools are to be reckoned according to the nature and quality of the work presented as judged by the Registrar.

Requirements for Graduation

The College of Liberal Arts offers courses leading to the degree of Bachelor of Arts.

The Requirements for Graduation are:

A. One hundred and twenty-six academic credits, the term credit meaning one hour a week for one semester in class room or two hours a week in laboratory. Of these required credits at least thirty-two must be from courses numbered three hundred or above and not more than forty-four may be in any one department. These credits must be secured with reference to the group from which the student has chosen his major.
B. 126 honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of F carries minus one honor point.

C. 5 points in Physical Education, the term point meaning the satisfactory completion of a semester course in Physical Education. Of these 5 points 3 must be secured in courses 101-102 and 103. Course 105 is required of students unable to pass the elementary swimming test.

Distribution and Concentration of Requirements

A. FOR CULTURAL DISTRIBUTION or as background or tools for subsequent study.
   1. English 101-102, four credits; English 103 or exemption therefrom.
   2. Foreign language 202 or 206, four credits, completed by the end of the junior year; German 206 or French 206 is mandatory for students majoring in Group III.
   3. Religion, eight credits including course 102 or 105.
   4. Philosophy 205 (Ethics), three credits.
   5. Economics, History, Political Science, or Sociology, 6 credits, completed by the end of the junior year.
   6. Psychology 201, three credits.
   7. Natural Sciences and Mathematics (Group III), fourteen credits, completed by the end of the junior year. Of these, eight must be in laboratory science taken in college; unit courses in high school physical science, or Psychology 311, may be applied on the remainder.
   8. A “second” (or “distribution”) minor subject from a group other than that of the major subject; twelve credits in approved courses with a grade of C or better.

B. FOR CONCENTRATION in a major field of interest.
   1. A major subject, chosen by the beginning of the junior year: 20 credits (and not more than 30) in approved courses, with a grade of C or better.
   2. A “first” minor subject preferably in the group of the major subject: 12 credits in approved courses, with a grade of C or better.
3. Supporting courses outside the major department but within the group of the major subject, as follows respectively:

**Group I:** 18 credits in courses of Group I numbered 200 or above and outside the major department, including four credits in course 202 of a modern language. Latin 101-102 or Greek 101-102 is also required unless the student presents two units of either subject from high school.

**Group II:** 18 credits in Group II or IV other than required courses in Religion.

**Group III:** 18 credits in Group III, including Mathematics 101-102 or 201-202.

**Group IV:** Requirements the same as for Group II.

### Group Classification of Departments

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### Restrictions on Choice

The following courses are not counted toward a major or minor: English 101-102 and 103, French 101-102, German 101-102, Greek 101-102, Latin 101-102, Mathematics 101, 102, Physics 101-102, Religion 101 and 105, Spanish 101-102. See, also, Biology 101-102, 112, 121-122, 204 and Chemistry 101-102, 103-104 in department descriptions.

**Five Students Required for a Class.**—The college does not hold itself bound for instruction in any elective course for which fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

**Honor Courses.**—The faculty is establishing honor courses in special fields of concentration, open to students of exceptional ability who, in the freshman and sophomore years, have made adequate preparation. The departments in which these courses are being encouraged are: Economics and Political Science, Education, History, Philosophy, Psychology, Sociology and Religion.
Courses for the Freshman Year

In the Freshman year the student is required to select one of the following courses according to the group in which his major will probably be.

**GROUP I.**

Religion 101-102 or 105, 2 hours
English 101-102, 103, 3 hours
Foreign Language (to complete requirements), 3 or 4 hours

One subject from Group III
Elective
Personal Hygiene
Physical Education

**GROUPS II. AND IV.**

Religion 101-102 or 105, 2 hours
English 101-102, 103, 3 hours
Foreign Language (to complete requirements), 3 or 4 hours

One subject from Group III
One subject from Group II or IV
Personal Hygiene
Physical Education

**GROUP III.**

Religion 101-102 or 105, 2 hours
English 101-102, 103, 3 hours
Foreign Language (to complete requirements), 3 or 4 hours

Mathematics, 4 hours
One subject from Group III
Personal Hygiene
Physical Education

The elective courses for the freshman year are:

- Biology 101-102, 112, 121-122
- Chemistry 101-102, 103-104
- Economics 102
- Expression 141-142
- Foreign Language
- Geology 101-102
- History 101-102
- History of Art 101-102
- Mathematics 101-102, 106, 201-202
- Music
- Physics 101-102
- Political Science 152, 153-154

Classification of Students

**Classification without Conditions.**—For freshman classification, as stated before, fifteen units of acceptable high school work or their equivalent; for sophomore, thirty-two college credits and thirty-two honor points; for junior, sixty-four credits and sixty-four honor points; for senior, ninety-six credits and ninety-six honor points.

**Classification with Conditions.**—A student is classified as sophomore on gaining twenty-four credits and sixteen honor points; as junior on obtaining fifty-four credits and forty-four honor points; as senior on obtaining ninety credits and eighty-four honor points.

**Change of Course.**—Registration at the beginning of the semester fixes the course of study for the student. Within ten days
change is permitted with the written consent of the instructors concerned and the student's adviser. Dropping a subject comes under this rule.

Unfinished Courses.—Students who drop a year course at the end of one semester lose all credit in that course unless some distinct phase of the subject is completed; in which case, the instructor may grant the credit.

Preparation for Vocations

The system of majors and minors and the elective system in use here permit the student to frame his college course with some reference to his future vocation. In general the student will find the following courses helpful to him in his future vocational study.

For the Study of Medicine.—The following course is strongly advised for students who are preparing for the study of medicine. Those taking such a course are given a bachelor's degree upon the satisfactory completion of the first year's work in a recognized medical school.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inorganic Chemistry</td>
<td>Biology (General Zoology and Vertebrate Anatomy)</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>English</td>
<td>Chemistry-Analysis</td>
<td>Histology and Human Physiology</td>
</tr>
<tr>
<td>German</td>
<td>German</td>
<td>Psychology and Ethics</td>
</tr>
<tr>
<td>Mathematics</td>
<td>History or Social Science</td>
<td>Elective</td>
</tr>
<tr>
<td>Religion</td>
<td>Physics</td>
<td>Religion</td>
</tr>
</tbody>
</table>

For the Study of Law.—The value of a full college course in preparation for the study of law cannot be disputed. Macalester offers a number of courses that are invaluable to law students, and a college course arranged with this group of subjects as a nucleus is suggested below, showing also the possibility of a well-rounded college course that is designed to develop the best that is in the student.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Public Speaking and Argumentation</td>
<td>International Law</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Foreign Language</td>
<td>History</td>
</tr>
<tr>
<td>Religion</td>
<td>Religion</td>
<td>Religion</td>
</tr>
<tr>
<td>Science</td>
<td>Sociology and Economics</td>
<td>Electives</td>
</tr>
<tr>
<td>History or Political Science</td>
<td>Psychology and Ethics</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roman Law and Jurisprudence</td>
<td>Electives</td>
</tr>
</tbody>
</table>
Social Work. To meet the imperative needs of our times and in full sympathy with the practical application of Christian principles to modern conditions, the pre-professional course in Social Work has been prepared. The student with a professional or technical career in view will find in it a solid foundation for his later special training. The course has been outlined to enable students to obtain the twelve accredited semester hours in technical social work and 120 of the 300 hours of supervised field work now approved in undergraduate training by the American Association of Social Workers, and will be changed in accordance with future modifications in the requirements of the Association. The following course is strongly advised for students in Social Work:

**Freshman Year**
- English
- Foreign Language
- Religion
- Biology
- History

**Sophomore Year**
- Foreign Language
- Religion
- Sociology and Economics
- Psychology and Ethics
- Genetics and Eugenics

**Junior Year**
- Statistics
- The Family
- Orientation courses in Social Work
- Electives, including supporting courses.
  - Economics, Political Science,
  - Psychology and Sociology

**Senior Year**
- Labor Administration
- Technical Courses in Social Work
- Electives, including supporting courses in Economics, Political Science, Psychology and Sociology.

For the Christian Ministry and Missionary Teaching.—The department of religion and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

For Teaching.—The college offers opportunity to the student in preparation for the field of teaching. Its Liberal Arts courses give the necessary foundation for a liberal education as well as subject-matter for use in the class room. Its technical courses give the professional aspect to the student's preparation for the vocation of teaching. The latter are concerned with the principles, methods and history of education.

**Student Advisers**

For registration, advice and supervision all students will be assigned to faculty advisers, making it possible for each student to receive special attention in regard to his course. The adviser directs the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. When students have definitely fixed upon a vocation in life they will be assigned to that member of the faculty whose department is most akin to the work they have in view. Students who have fixed upon their major study will be assigned to the department to which that major study belongs.
Courses of Study

Odd numbers refer to first semester courses. Even numbers to second semester courses. An R attached to an odd number indicates that the course is repeated the second semester.

A comma between figures of a year course indicates that either semester may be taken with credit.

Courses 101 to 199 are open to freshmen. Courses 201 to 299 are open, with restrictions, to sophomores or to those whose preparation is adequate. Courses above 300 are primarily upper class subjects with prerequisites mentioned in each department.

Biology

Professors Walter and Burroughs

The courses have been so arranged that it is possible to choose work either of a general or a special nature. Students wishing a well-rounded education will be able to select work which will meet their needs and in which the cultural aspect is emphasized. Choices should be made from the following: Biology 101-102, 121-122, 204, 303, 304.

Those preparing to teach Biology in high schools will be able to choose suitable work and will be given opportunity for practice in laboratory instruction, grading of papers and note books, and the planning of high school courses. The following courses are required for a major: Biology 101-102, 301, 302, 303 and 410. For work suited to the needs of the pre-medics, the following are recommended: Biology 101-102, 204, 301, 302, 304 and 305.

The Department recommends the following courses for its major students: a minor in Chemistry or Physics; Latin or Greek and German; one semester of Historical Geology; Economics or Sociology; Expression, one year.

A. Zoology

101-102. General Zoology.—Mr. Walter and Mr. Burroughs

This course takes up the fundamental principles of animal biology. Representatives of the phyla of the invertebrates and vertebrates are studied with reference to structure, functions and relation to environment.

One year, two two-hour laboratory periods and two recitations a week, eight credits. This course counts four credits toward a major or minor if the student's grade is B and five credits if course 121-122 is taken also.
112. Ornithology.—

MR. BURROUGHS

This study of birds is undertaken strictly from the scientific point of view and is designed to stimulate an appreciation of nature and to arouse a fuller understanding of some of the problems of conservation of our wild life. Open to all students. This course counts toward a minor only.

Second semester, one lecture, laboratory, and one field trip a week, three credits.

204. Human Physiology.—

MR. WALTER

Lectures, recitations, collateral readings, demonstrations and laboratory work on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Attention is also given to personal hygiene. This course counts toward a minor only.

Prerequisite, twenty-four credits or approval of instructor. Second semester, three recitations and one optional two-hour laboratory period a week, three or four credits.

301. Comparative Anatomy.—

MR. WALTER

This course is offered primarily for majors in the department, pre-medical, pre-dental, and pre-nursing students. It consists of an intensive laboratory study of the systems of vertebrate types including the Dogfish, Necturus, Turtle or Pigeon and the Cat. The lectures correlate the morphological studies made in the laboratory, point out the comparisons and indicate the probable lines of development of structures suggestive of phylogenetic relationships.

Prerequisite, course 102. First semester, two two-hour laboratory periods and two lectures a week, four credits.

302. Vertebrate Embryology.—

MR. BURROUGHS

A study of the development of the chick and the pig embryos. From incubated chicks, whole mounts and serial selections a study is made of the origin, structure and development of the germ layers, tissues and systems of the body. Permanent slides of whole mounts and serial sections are also prepared.

Prerequisite, courses 102, 301. Second semester, two lectures and two two-hour laboratory periods a week, four credits. Not offered 1934-1935.

303. Genetics and Eugenics.—

MR. WALTER

The laws of heredity, as illustrated by animals and plants as well as the application of these laws to the betterment of the human race, will be studied. The latest edition of “Principles of Genetics” by Sinnott and Dunn will be used, supplemented by collateral readings in Newman, Guyer, Conklin and Thompson.

Prerequisite, course 102 or 121-122, or approval of the instructor First semester, three hours a week, three credits.
304. General Bacteriology.— Mr. Walter
This is a course of lectures, recitations and laboratory work suited to the needs of the general or special student who desires knowledge of the general field of bacteriology, including the cause, control and prevention of important diseases, and training in modern laboratory technic. The laboratory work is optional. Students desiring to take the laboratory work must have completed Chemistry 102.

Prerequisite, course 102 or 121-122, or fifty-four credits. Two recitations and two two-hour laboratory periods a week, two or four credits.

305. Vertebrate Histology.— Mr. Burroughs
A study of the microscopic structure of the cells, tissues and organs of the mammalian body. Each student is loaned a box of 80 prepared slides of representative tissues and organs. These are made the basis for study and laboratory drawings. Emphasis also is placed on training in laboratory technic.

Prerequisite, course 102. First semester, two lectures and two two-hour laboratory periods a week, four credits. Alternating with course 301.

409, 410. Individual Course.— Mr. Walter and Mr. Burroughs
Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. The particular type of study will depend upon the student's preparation and interest, but may include assigned readings, training in laboratory technic, preparation of permanent microscopic slides, injection of laboratory specimens, making of charts, culturing of protozoa or advanced study of a special problem.

First or second semester, or one year, two or four credits. Two credits are required of majors in the department.

Teachers Course.—
See Education 461.

B. Botany

121-122. General Botany.— Mr. Burroughs
A study of the principles of plant life. The first semester deals with the structure, activities, modifications and economic importance of the higher plants. During the second semester the work will involve a study of the great groups of plants with
emphasis upon reproduction and evolution, some time being
given to the identification and classification of higher plants
in the field.
Course 122 may be taken before 121, but no credit will be given
until both courses are completed.

One year, two lectures or recitations and two laboratory periods a
week, eight credits. This course counts four credits toward a major or
minor if the student's grade is B or better, and five credits if course 101-
102 is taken also.

221. Systematic Botany.—
Identification and classification of plants. Devoted chiefly to
the native plants of the region, including trees and shrubs.
Prerequisite, course 121-122. First semester, two laboratory periods
a week, two credits.

Chemistry
Professors Jones and Shiflett

For a major in chemistry students are advised to take courses
courses advised are: two years of German or French; Physics,
course 201-202; Mathematics, course 301-302; Biology, course
101-102 or 121-122; Philosophy, course 209. Students wishing a
minor in chemistry are advised to take courses 101-102, 201, 307-
308, 309-310. Students preparing to teach chemistry should
take a major or minor in that subject, also course 401, and comply
with the State requirements as given under the Department of
Education. Pre-medical and pre-dental students may arrange to take
courses 101-102, eight credits; 203, two credits; 204, three credits;
307, two credits; and 309, two credits.

101-102. General Inorganic Chemistry.—
Mr. Jones and Mr. Shiflett

The course includes a thorough study of the principal elements
and their compounds, their occurrence in nature and prepara-
tion in the laboratory; also an introduction to the study of
qualitative analysis.
Prerequisite, one unit high school chemistry. One year, two lectures,
two recitations and six hours in laboratory a week, eight credits.
Four credits may be applied toward a major or minor if a grade of
B is attained.

103-104. General Inorganic Chemistry.—
Mr. Jones and Mr. Shiflett

For students not presenting high school chemistry credits. This
is the same as course 101-102, but begins with more elementary
chemistry.

One year, two lectures, two recitations and six hours in laboratory a
week, eight credits.
Four credits may be applied toward a major or minor if a grade of
B is attained.
201. General Chemistry and Qualitative Analysis.—  Mr. Shiflett

Laboratory work on the identification of cations and anions. Lecture work is a review and continuation of course 102, in addition to the theory involved in concurrent laboratory work.

Prerequisite, Chemistry 102 or 104 and one year of college mathematics (Mathematics 102 or 202). First semester, two lectures, one recitation and six hours laboratory a week, four credits.

202. Quantitative Analysis.—  Mr. Shiflett

Lecture and laboratory work. Introduction to the methods of volumetric and gravimetric analysis.

Prerequisite, course 201. Second semester, two lectures, one recitation and nine hours laboratory a week, five credits.

203. Qualitative Analysis.—  Mr. Shiflett

For premedical and predental students. Laboratory work on identification of cations and anions. Classroom work includes elementary theory involved in the analytical separation of the common metals and acids.

Prerequisite, course 102 or 104 and one year of college mathematics. First semester, one lecture, one recitation and three hours laboratory a week, two credits.

204. Quantitative Analysis.—  Mr. Shiflett

For premedical and predental students. A short course in volumetric and gravimetric analysis.

Prerequisite, course 201 or 203. Second semester, one lecture, one recitation and six hours laboratory a week, three credits.

303-304. Advanced Inorganic Chemistry.—  Mr. Shiflett

This is a continuation of course 101-102, with an introduction to physical chemistry.

Prerequisite, course 201. One year, two lectures, two recitations and six hours in laboratory a week, six credits.

305R. Advanced Quantitative Analysis.—  Mr. Shiflett

This course is a continuation of course 202.

Prerequisite, course 202. One semester, four or eight hours laboratory work a week, two or four credits.

307-308. Organic Chemistry.—  Mr. Jones

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of
foods, oils and explosives is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 309-310 is also taken.

Prerequisite, course 201. One year, two lectures and one recitation a week, four credits.

309-310. Laboratory Course in Organic Chemistry.—

MR. JONES

To be taken with or upon completion of course 307-308. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 307-308 when possible.

One year, six hours a week, four credits.

311-312. Advanced Organic Chemistry and Qualitative Organic Analysis.—

MR. JONES

This course is a continuation of courses 307-308 and 309-310. The detection of common food adulterants will receive attention.

Prerequisite, course 310. One year, six hours a week, six credits.

313R. Special Analysis.—

MR. SHIFLETT

Individual course in quantitative analysis, the exact work to be covered depending upon the qualifications and needs of the student. Food analysis and water analysis are among the subjects available.

Prerequisite, course 202. One semester, six hours a week, three credits.

331-332. Theoretical Chemistry.—

MR. SHIFLETT

Lectures and laboratory work. A general study of: atomic and molecular weight determinations; properties of gases, liquids and solids; solutions; homogeneous and heterogeneous equilibrium; thermochemistry; electrochemistry; colloids.

Prerequisite, Chemistry 202, Physics 202 and Mathematics 202. Mathematics 301-302 must be taken beforehand or in conjunction. One year, three lectures and six hours laboratory a week, ten credits.

403-404. Individual Course.—

MR. JONES AND MR. SHIFLETT

A special study is made of the latest developments in chemical theories, etc. An exhaustive thesis, on an approved subject, is required. Once a month the seminar will be open to all students interested, when reports will be made on current chemical topics and theses.

Required for a major in chemistry. Open to seniors only, except by permission.

One year, one hour a week, two credits.

Teachers’ Course.—

See Education 461.
Economics and Political Science

Professors Davis, Young, White and Mr. Mairs

The student intending to obtain a major or minor in this department should elect one of the following fields in which to earn the major or minor:

1. Economics and Business Administration
2. Political Science
3. Economics and Political Science

When one of the first two fields is the major, one minor may be the other field should the student so desire. Thus students looking forward to business careers may have a major in Economics and Business Administration and a minor in Political Science; or pre-law students may have a major in Political Science and a minor in Economics and Business Administration, or any other field of their choice.

A third possibility is a major or minor in Economics and Political Science. This elective is provided for those students whose interests lie mainly in the cultural rather than the vocational value of the instruction offered in this department. When this election is made, both minors, or the major and the other minor must be secured in other departments.

At least one 300 course must be included in a minor and two 300 courses in a major, when the major or minor is in any field in this department.

A. Economics and Business Administration

102. Business Administration.— Mr. Young

A survey of industrial business management with special emphasis on the economic principles involved in production. The relation and interdependence of the various business processes is analyzed and emphasis is placed upon the need for broad-gauged executive control.

Second semester, three hours a week, three credits.

231-232. Principles of Economics.— Mr. Young

The structure, institutions, and operation of our economic order; value and distribution theory; current economic problems such as monetary stabilization, tariff barriers, international debts, taxation combinations, public utility regulation, economic planning.

Prerequisite, twenty-four credits. One year, three hours a week, six credits.
271. Accounting I.— MR. YOUNG
Theory and practice of modern accounting; intended for the
general student of business as well as for the beginning student
in accounting.
Prerequisite, twenty-four credits. First semester, three hours a week,
three credits.

272. Accounting II.— MR. YOUNG
Analysis of accounting problems and application of principles;
valuation, and interpretation of data.
Prerequisite, course 271 or equivalent. Second semester, three hours
a week, three credits.

339. Labor Problems and Management.— MR. YOUNG
An examination of labor problems from the viewpoint of labor
and management; trade unionism, growth and trends; labor
legislation; personnel administration.
Prerequisite, course 232 or consent of instructor. First semester,
three hours a week, three credits.

371. Marketing.— MR. YOUNG
Principles, methods and problems of marketing, strategy of
sales management; sales instruments, such as advertising, sales-
manship, mail communications, credit policies and product
planning; retail selling policies and problems.
Prerequisite, course 232. First semester, three hours a week, three
credits.

373. Business Finance.— MR. MAIRS
The corporation and its financial structure; promotions; work-
ning capital; profit distributing policy; business expansion;
industrial combinations; reorganization methods and other
problems encountered in financing a modern business
Prerequisite, course 232. First semester, three hours a week, three
credits.

374. Money and Banking.— MR. YOUNG
A practical study of monetary and banking systems, problems,
and institutions; an analysis of banking operations, services,
costs, organization, and management; functions of trust com-
panies, savings banks, Federal Reserve System, special govern-
ment credit organizations and Bank of International Settle-
ments; contemporary currency problems; foreign exchange.
Prerequisite, course 232. Second semester, three hours a week, three
credits.
375. **Principles of Investments.**—**Mr. Mairs**

Investment principles and practices; securities analyzed by types and industries; examination of investment literature and services; emphasis on the investment problems of the average man.

Prerequisite, course 232, or consent of instructor. First semester, three hours a week, three credits. Alternates with course 373. Not offered 1934-1935.

404. **Individual Course.**—**Mr. Young**

Research studies for 1934-35 will fall in the field of (a) Public Utility Economics, (b) Insurance, (c) The National Industrial Recovery Act and (d) Economic Theory.

Open to Seniors of high rank. Second semester, two credits.

Public Finance and Commercial Law are offered in the Political Science Division. The Department of Mathematics offers instruction in the **Mathematics of Investments.**

**B. Political Science**

152. **Elements of Political Science.**—**Mr. White**

A survey of the field including the theory, mechanics, administration and inter-relations of States.

Second semester, three hours a week, three credits.

153-154. **American Government.**—**Mr. White**

The background, structure and functioning of the American governments in the national, state and municipal spheres, with special attention to current problems of government and the non-governmental pressures that affect it.

One year, three hours a week, six credits.

255. **Comparative Government.**—**Mr. White**

A comparative study of the most important European governments.

First semester, three hours a week, three credits.

256. **World Politics.**—**Mr. White**

A background of the mechanics of international relations, the forces at work between States and a study of the prospects for our present international system.

Second semester, three hours a week, three credits.

341. **Public Finance.**—**Mr. White**

The history and theory of public revenues and expenditures, taxation, budgetary methods and public credit.

Prerequisite, courses 152, 154 or 232.

First semester, three hours a week, three credits.
357. Recent Political Theory.—
A study particularly of the theory of democracy and the present-day criticisms of that theory, Socialism, Bolshevism and Fascism.
Prerequisite, courses 152 or 154. First semester, three hours a week, three credits.

364. International Law.—
The general principles of international law, including the objects and subjects of this body of law, and the normal and abnormal relations of States.
Prerequisite, course 365. Second semester, three hours a week, three credits.

365. Elements of Jurisprudence.—
A study of the philosophy and divisions of the field of law.
Prerequisite, courses 152 or 154. First semester, three hours a week, three credits.

366. Commercial Law.—
A survey of contracts, sales, agency, negotiable instruments, partnerships, corporations, insurance, property, suretyship and bankruptcy.
Prerequisite, course 232. Second semester, three hours a week, three credits.

Education
Professor Bradley

Students who expect, at graduation, to secure certificates to teach in the public schools of any state should consult early in their junior year with the head of the Department of Education regarding the requirements in educational and academic subjects in the particular state in which they are interested.

In Minnesota, the semester hour requirements for the High School Standard General Certificate are as follows:

| Educational Psychology | 3 |
| Principles of Teaching | 3 |
| A combination of a. Practice Teaching | 6 |
| b. Observation | |
| c. Special Methods | |
| Elective course in education | 3 |

TOTAL 15

In addition, in Minnesota, an instructor is approved for teaching a subject only when his preparation in that subject or field is considered “adequate”. Usually a minor or its practical equivalent...
is required. The North Central Association, to which many of the
better high schools belong, requires of those teaching academic
subjects in the high schools of its membership, training equivalent
to fifteen semester hours in the subject or field to be taught. In the
foreign languages and in mathematics a limited amount of credit
is allowed for work taken in high school.

Teachers' certificates are not granted automatically upon com­
pletion of the requirements for them. Application for certificates
should be made through the office of the Registrar.

Psychology 201 is a prerequisite for all courses in education.
A minor in education shall not include Education 411. No regular
student should enroll for more than two courses in education during
one semester, not including, however, Education 411, which may be
taken jointly with two other courses.

**Major in General Science**

A major restricted to those preparing to teach laboratory
sciences may be elected in lieu of one of the majors provided in the
science departments. This major does not so well prepare one to
enter a graduate school, nor industrial work. It is believed, however,
that it will prepare the student more adequately to enter the field
of science teaching in high school than the more specialized
academic major. The number of hours required in the general
science major is approximately the same as is required for an aca­
demic major and a supporting minor, if both are taken in science
fields.

The requirements for the general science major are as follows:
Prerequisite, Mathematics, eight credits.

The Major.—

1. Physics, Chemistry and Biology, each eight credits....24 credits
2. Additional, in one of the above sciences, eight credits.... 8 credits
3. Additional, twelve credits in Group III, including Geology,
   but excluding the science in which the sixteen credits are
taken. This may include not to exceed four credits in
   mathematics..................................................12 credits
   
   Total..........................................................44 credits

Students electing this major should take the four foundation
courses in mathematics and science before their junior year so that
they may have ample opportunity during their junior and senior
years to secure the required number of upper class credits.
201R. Educational Psychology.—  
An introduction to the nature of the secondary school pupil. An elementary treatment of statistics and their use in interpreting psychological and educational data. Psychological and educational tests; their nature, purposes and how to use them. The influence of nature and nurture. The characteristics of various types of learning, transfer of training and the psychology of school subjects. Human motivation. Text, collateral readings, a work-book and some experimentation. 
Open to sophomores in the second semester. Prerequisite, Psychology 201. Either semester, three hours a week, three credits.

301R. Principles of Teaching.—  
A continuation of much that has been touched upon in course 201, but with emphasis placed upon school subject matter and the teaching situation. The selection of instructional material, lesson planning, assignment making. Problems of classroom management including discipline. Teaching pupils how to study and training them in habits of study. A critical evaluation of such practices as; homogeneous grouping, project and problem teaching, the use of visual aids, socialized class procedure, the Dalton Plan, the Morrisonian Unit Plan, etc. Observation in the public schools correlated with class study.
Prerequisite, course 201. Either semester, three hours a week, three credits.

303. History of Education.—  
The course deals with ancient, medieval and modern educational systems with especial emphasis upon the more recent periods. An attempt is made to relate the work to the present problems of American education and to develop a broad philosophy concerning education and a sincere professional consciousness in those preparing to teach. A non-technical course of large cultural content and suggested for those wishing some insight into educational problems but not preparing to teach.
Prerequisite, fifty-four credits, including Psychology 201. First semester, three hours a week, three credits.

306. Principles of Secondary Education.—  
The aims and functions of secondary education and the relationship of secondary to both elementary and higher education. The secondary school curriculum, educational and vocational guidance, community relationships, the school plant and equip-
ment, the teaching staff, problems of administration and supervision, comparative studies in school costs, extra-curricular activities and their organization, and supervision. A broad survey course which should preferably be taken in the student’s junior year.

Prerequisite, fifty-four credits, including course 201, Second semester, three hours a week, three credits.

307. Educational Tests and Measurements.—
This course deals with the construction and use of informal tests and the selection and use of standardized tests and scales employed in measuring educational products, or for purposes of educational prognosis, or diagnosis of learning difficulties. Training is given in elementary statistical computations and in the interpretation of statistical data. Attention is given to tabular and graphic presentation of data. Valuable for teachers and especially for those going into administrative or supervisory work or into graduate and research work.

Prerequisite, fifty-four credits, including Course 201. First semester, three hours a week, three credits.

402. Educational Problems.—
An advanced course dealing with methods of educational investigation and research. Readings on methods of research and a canvass of typical research reports. Each student selects a problem and studies it critically, finally formulating a brief written report or thesis based upon it. Conducted largely upon a seminar basis. Open only to seniors who have the approval of the Department of Education.

Second semester, one or two credits.

406. Educational Administration.—
An introductory course in the administration of public schools, including school districts, school officials, the internal organization and administration of school systems, school revenues and expenditures, present educational problems and their possible solutions. Designed particularly for those expecting to go into administrative or supervisory work in education.

Prerequisite, ninety credits including nine credits in Education. (Courses 201, 301 required and 307 recommended.) Second semester, three hours a week, three credits.
411R. Practice Teaching and Observation.—
A series of directed observations covering the major problems of classroom technic as found in both the junior and senior high school. Practice teaching in the St. Paul Night High School or in other institutions as opportunity affords, under the supervision of experienced critic teachers and the general supervision of the Department of Education. Reports, individual and group conferences.

Open to seniors only and, unless excused by the faculty, required of all who expect to teach. Not counted for a minor in Education.

Prerequisite, course 301, although it may be carried concurrently with the same if approved by the head of the department. Either semester, three credits toward certificate, but no credit toward graduation.

Special Methods of Teaching.—
To meet certificate requirements for teaching in secondary schools in Minnesota, at least three credits selected from the following courses are necessary. Courses should usually be taken from the fields of the student’s major or minors. The courses offered in 1934-1935 follow.

452. English.—  Mr. Ward
Modern aims and technics of planning and presenting English to students at the secondary level will be considered in detail. There will also be practice in teaching the various phases of English.

Prerequisite, ninety credits, including English 267, 268 and 403. Prerequisites effective in 1936. Second semester, two hours a week, two credits.

453-454. —Modern Foreign Languages.—  Mr. Ficken
Consideration of the problems of foreign language instruction in the United States; data for their solution from the Modern Foreign Language Study and contemporary periodical literature. Analysis of recent syllabi, particularly those prescribed for Minnesota High Schools. Review of text books, observation and lesson planning. Given with the cooperation of the departments of French, German and Spanish.

Prerequisite or collateral requirements: French 303-304 and 331-332 or German 309 or Spanish 311 and 404. One year, one hour a week, two credits.

456. History.—  Mr. MacGregor
This course in history methods is designed to aid in the preparation of those students who expect to teach history in secondary schools.

Prerequisite, ninety credits including sixteen credits in History and Education 301. Second semester, two hours a week, two credits.
458. Latin.— Miss Palmer

Consideration of the problems pertaining to the teaching of high school Latin.

Prerequisite, Latin 202. Second semester, two hours a week, two credits.

459. Mathematics.— Mr. Kingery

Advanced Algebra and Geometry intended especially for those preparing to teach.

Prerequisite, Mathematics 302. First semester, two hours a week, two credits.

461. Natural Science.— Mr. Bradley and Members of the Science Departments

A survey of the objectives, content, methods of teaching and of measuring results in the science courses offered in high school. A study of committee and survey reports, state syllabi, texts and workbooks.

Prerequisite, a major or minor in a laboratory science. First semester, two hours a week, two credits.

464. Social Science.—

The problems of teaching Elementary Civics in junior high school and Introduction to Social Science in the twelfth grade, as found in Minnesota. Brief consideration of special courses in Economics, Sociology and senior high school civics.

Prerequisite, a course in at least two of the three departments—Sociology, Economics, Political Science—and a minimum of twelve credits in these departments. Second semester, one hour a week, one credit.

For all courses in special methods, prerequisite is senior classification, prerequisite or corequisite Education 301, approval upon registration of both instructor and Department of Education.

**English**

The twofold aim of this department is to foster the arts of social expression and to prepare for the fruitful use of leisure time. The avenues by which this aim is to be attained are speaking, writing, literary appreciation, and literary history. There are also more specific aims for students who are intending to use some phase of English in their life's work.

A major in English consists of at least 20 credits in Literature, including course 397-398 and one additional year of conference
work selected from courses 267, 268, 351-352, 365-366, and 385-386. A minor in English consists of at least twelve credits, including one year of conference work selected from the courses above; the remaining credits may be selected from either Constructive English or Literature. At the discretion of the department, students whose vocational aim is Journalism, the Ministry, Law, or Business may elect a minor consisting entirely of writing or speaking. Students whose major is English may compete for departmental honors by electing three years of conference work in courses above 200.

Courses 101R-102R and 103R are not counted toward a major or a minor. Course 403 is counted toward a major or a minor upon completion of Teachers' Course.

A. Constructive English

101R-102R. English Language Arts.— The Staff
A gateway college course, designed to stimulate intellectual interests, encourage social attitudes, and facilitate the use of language arts, such as purposeful reading, the use of the library, note-making, oral and written composition, and discussion. This course, with evidence of ability to do the work of course 103R, is required of all freshmen.
One year, two hours a week, four credits.

103R. Composition Essentials.— The Staff
Intensive review and drill in spelling, grammar, sentence structure, and punctuation, for students who are not prepared to do the work in course 101. Four weeks after the beginning of each semester students whose grade in course 101R is below C will be required to transfer to this group.
Either semester, three hours a week, two credits upon completion of course 102.

203, 204. Newspaper Writing.— Miss May
First semester, the theory and practice of journalism. Students wishing appointment to the Mac Weekly staff are advised to register for this course. Second semester, feature and editorial writing.
Prerequisite, course 102 or permission of the instructor. First semester, three credits; second semester, three credits.

207, 208. Public Speaking.— Mr. Clark
The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively
from the platform. In the first semester speeches are prepared for delivery; in the second they are extemporaneous.

Prerequisite, course 102. First semester, two credits; second semester, two credits.

211-212. Debate and Oratory.— Mr. Le Vander

Required of all students who expect to receive credit for intercollegiate debate and oratory.

Three credits for each year of participation in forensic contests as a representative of the college.

301, 302. Creative Writing.— Mr. Clark

Attention will be given to the organization and presentation of material, but the chief emphasis will be placed upon the development of the sources of originality of the student himself. First semester, short story writing; second semester, essay writing.

Prerequisite, fifty-four credits. First semester, two credits; second semester, two credits.

401, 402. Conference in Creative Writing.— Mr. Clark

Designed for those who have done or who wish to do some original writing outside of the regular classroom work. No student should enroll for this course until he has consulted the instructor.

Prerequisite, course 301 or 302. One year, one or two hours a week two to six credits.

403. The English Language.— Mr. Ward

Historical studies of English grammar and vocabulary as related to current usage. Designed especially for prospective teachers. Major and minor credit is allowed upon completion of Education 452.

Prerequisite, ninety credits. First semester, two credits.

Teachers’ Course.—

See Education 452.

B. Literature

267, 268. Appreciation of Literature.— Mr. Ward

An introduction to the aims and technics of intelligent reading. The organization is by types and ideas. First semester, poetry; second semester, prose. Lectures and readings serve as a
preparation for other courses in literature; conference is optional for students who wish to do independent work in literary analysis.

Two or three credits each semester. The third credit is assigned to students who complete the conference work.

351-352. American Literature.— Miss Doty
A survey of our national literature as it expresses the development of our national thought and life from early colonial days to the present time. Lectures and readings contain the basic ideas of the course; conference is optional for students who wish to do independent work in literary history and appreciation.

Prerequisite, fifty-four credits or instructor's permission. One year, two to three hours a week, four or six credits. The two extra credits are assigned to students who complete the conference work.

353-354. Old and Middle English.— Miss May
Historical studies in grammar and phonology, with selections from the literature, except Chaucer, from 700 to 1500.

Prerequisite, fifty-four credits or instructor's permission. One year, two hours a week, four credits. Recommended for students who intend to do graduate work.

355. Chaucer.— Mr. Ward
Detailed study of the Prologue and twelve of the Canterbury Tales; rapid reading of Troilus and Criseyde and the minor poems, with attention to Chaucer's development as a poet. The emphasis of the course is literary rather than linguistic.

Prerequisite or collateral, course 267. First semester, three hours a week, three credits. Not offered 1934-1935.

356. Renaissance Poetry.— Mr. Ward
Studies in the development of lyric and narrative forms during the Elizabethan and Puritan periods, with special emphasis on Spenser and Milton. Recommended for students interested in writing poetry.

Prerequisite, course 267. Second semester, three hours a week, three credits. Not offered 1934-1935.

359-360. The Drama to 1642.— Mr. Ward
Rapid reading of plays illustrating the sources, development, and decline of the Elizabethan drama. Twenty-two plays of Shakespeare and about thirty plays of his contemporaries will be read and discussed.

Prerequisite or collateral, course 267. One year, three hours a week, six credits.
365-366. The Restoration and the Eighteenth Century.— Miss May

English literature from Dryden to Blake, with attention to the development of prose, the rise of the novel, and the growth of romanticism. Lectures and readings contain the basic ideas of the course; conference is optional for students who wish to do independent work in literary history and appreciation.

Prerequisite or collateral, course 267, 268. One year, four or six credits. The two extra credits are assigned to students who complete the conference work.

381, 382. Nineteenth Century Prose.— Mr. Clark

First semester, critical essays; second semester, novels before 1870.

Prerequisite, course 268. First semester, three credits; second semester, three credits. Not offered 1934-1935.

383, 384. Nineteenth Century Poetry.— Mr. Clark

First semester, Wordsworth to Keats; second semester, Tennyson to Swinburne.

Prerequisite or collateral, course 267. First semester, three credits; second semester, three credits.

385-386. Contemporary Literature.— Miss May

Studies in literary history and appreciation. Established British authors whose work was published mainly after 1870 will be considered in detail. Reading of current publications, both literary and critical, will be encouraged. Lectures and readings contain the basic ideas of the course; conference is optional for students who wish to do independent work in literary history and appreciation.

Prerequisite or collateral, course 267, 268. One year, two or three hours a week, four or six credits. The two extra credits are assigned to students who complete the conference work. Not offered 1934-1935.

393. World Masterpieces.— Mr. Clark

Creative studies of the Book of Job, Homer's Odyssey, Dante's Inferno, Shakespeare's Tempest, and Goethe's Faust.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits.

397-398. Junior Conference.— The Staff

A weekly meeting of all juniors whose major is English. Papers prepared in other courses will here be read and discussed.
Credit will be given only upon passing a comprehensive examination in English literature. Prerequisite, fifty-four credits. One year, one hour a week, two credits. Required of all students whose major is English.

Expression and Dramatic Art
Professors Whitridge and Owen and Mr. Hart

The work in this department has been so arranged that it is possible for a student to take courses for general work or specialization. The aim is two-fold: first to correct voice faults, encourage self-expression and develop poise; and second to teach the interpretation of life through literary forms and drama.

The following courses may count toward a major in Expression: English 207, 208, 211-212.

141-142. Vocal and Physical Expression.— Miss Whitridge and Mr. Hart

Fundamental principles underlying the art of expression and literary interpretation. Deep breathing, control of breath, voice production, voice placing, rhythm, intonation, correction of voice faults and mannerisms. Pantomime, bodily expression, posture, rhythm of bodily movements, poise. Reading and recitation.

One year, three hours a week, four credits.

144. Corrective Speech.— Miss Owen

Treatment of speech defects, fundamental course in speech correction, study of voice and speech mechanism, study of sounds and standards of pronunciation.

Second semester, two hours a week, two credits.

241-242. Literary and Dramatic Interpretation.— Miss Whitridge

Plays of Shakespeare and the best poetry studied with reference to vocal interpretation, differentiation of character and portrayal of emotions. Adaptation of the short story and one-act plays for platform work.

Prerequisite, course 142. One year, two hours a week, four credits.

245. Story Telling.— Miss Owen

History of story telling. Its use by primitive people. Its present use. Technic of story telling. Class practice in
telling stories. Fairy tales, folk-lore, fables, myths, legends, hero stories, Bible stories and the great epics of literature.

Prerequisite, course 142. First semester, two hours a week, two credits.

342. Religious Drama.— Miss Whitridge

The object of the course is to select Biblical material for dramatization, to judge of its suitability to the student's different stages of development and to determine the dramatic form to which the material is best adapted and the method of preparing and directing it which will be appropriate to both material and players.

Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.

343-344. Shakespeare and Modern Drama.— Miss Whitridge

Analysis and presentation, choice, abridgment and adaptation of selections for public reading.

Prerequisite, course 142. One year, two hours a week, four credits.

441-442. Dramatic Production.— Miss Whitridge

Building of stages, making and painting of scenery, lighting, grouping, acting, indoor and outdoor productions, pageantry, costumes, coaching and make-ups.

Prerequisite, course 142. One year, two hours a week, four credits.

French

Professors Ficken and Sundheim

A major in French must include courses 301-302, 303-304 and 331-332 or equivalents approved by the department. An equivalent of course 331-332 is a grade of A or B in course 201-202. Course 101-102 is not counted toward a major or a minor. See, also, restriction as to course 206.

The department does not undertake to recommend candidates to teach French who have not completed at least a minor including courses 303-304, 331-332 or approved equivalents. Teacher candidates should also have had course 301-302 if possible.

Prerequisite for all courses, except 101-102 and 201-202, is course 202, unless otherwise stated. Courses 313 to 322 should be preceded by course 301-302, except by permission of the department.
101-102. Elementary French.—

MR. FICKEN AND MISS SUNDHEIM

Pronunciation, oral work, dictation, the essentials of grammar and reading of elementary texts.

One year, five hours a week, eight credits.

201-202. Intermediate French.—

MR. FICKEN AND MISS SUNDHEIM

Review of grammar, composition, oral work and the reading of modern French texts. Course 206 is optional as a substitute for course 202.

Prerequisite, course 102 or two years of high school French. One year, four hours a week, eight credits.

206. Scientific French.—

MR. FICKEN

A reading course for science students, elective as a substitute for course 202. Does not count toward a major. Counts toward a minor only for students whose major is in Group III.

Second semester, four hours a week, three or four credits.

301-302. History of French Literature.—

MISS SUNDHEIM

A general survey of French literature. Lectures, outside readings and reports.

One year, three hours a week, six credits.

303-304. Phonetics and Conversation.—

MR. FICKEN

Physiological analysis of the production of French sounds and their transcription in terms of the international phonetic alphabet. Intensive drill in pronunciation, weekly personal conference with the instructor, together with individual use of the phonograph for corrective purposes. The second semester is devoted primarily to conversation and the presentation of plays. Should be taken before the senior year. Required as prerequisite or collateral for Education 453-454. Expression 141 and, if possible, 441 should precede or parallel this course.

One year, two hours a week, four credits.

313. Eighteenth Century Prose.—

MR. FICKEN

Literary background of the French Revolution and origins of romanticism, with special emphasis upon Montesquieu, Voltaire, Diderot and Rousseau.

First semester, three hours a week, three credits. Not offered 1934-1935.
315. Romantic Literature.— Mr. Ficken
A brief review of the origins of French romanticism. The reading of representative prose works of Chateaubriand, Victor Hugo, Dumas, George Sand and others. A survey of the poetry of Lamartine, Vigny, Hugo, Musset and Gautier. The romantic drama is included in course 322.
First semester, three hours a week, three credits.

316. The Modern Novel.— Miss Sundheim
Extensive reading of prose from Balzac to the present time.
Second semester, three hours a week, three credits. Not offered 1934-1935.

321. Seventeenth Century Drama.— Mr. Ficken
Corneille, Racine and Moliere with particular emphasis on the latter.
First semester, three hours a week, three credits. Not offered 1934-1935.

322. Nineteenth Century Drama.— Miss Sundheim
Extensive reading of plays representative of French dramatic currents since 1830.
Second semester, three hours a week, three credits.

331-332. French Composition.— Miss Sundheim
A review course, primarily for seniors who intend to teach French.
One year, one hour a week, two credits.

Teachers' Course.—
See Education 453-454.

Geology
Professor Alexander
A major in this department consists of twenty-three credits in Geology, including course 401. Eight credits in each of two of the following departments, Biology, Chemistry and Physics are required.

101-102. General Geology.—
A study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work and assigned reading. Field work for the study of local geology.
One year, three lecture and recitation and two laboratory hours a week, eight credits.
201. Mineralogy.—
A study of the common crystal forms and the practical methods for the identification of the useful minerals.
Prerequisite, Chemistry 102. First semester, one lecture and four laboratory hours a week, three credits.

202. Petrology.—
A study of the more common and important rocks, including methods of recognition, and the interpretation and uses of them.
Prerequisite, course 201. Second semester, one lecture and four laboratory hours a week, three credits.

301. Regional Geology.—
A study of the geologic structures and the history of the upper Mississippi valley. This course is given particularly for students living in Minnesota, Wisconsin, Iowa and northern Illinois.
Prerequisite, course 102. First semester, three hours a week, three credits.

302. Economic Geology.—
A study of the most important geologic products of the earth, their mode of occurrence and secondary alterations. The time is given largely to the useful metals, coal, oil and the building materials.
Prerequisites, courses 102 and 202. Second semester, three hours a week, three credits.

311-312. Paleontology.—
A laboratory and lecture course dealing with the most important genera and species of invertebrates, followed by a course in fossil biology, devoted largely to ancestral mammals.
Prerequisite, Biology 301 or Geology 102. One year, one recitation and four laboratory hours a week, six credits.

401R. Individual Course.—
In this course the student selects a problem involving field or laboratory work in the branch of the subject in which he is especially interested. The aim is to develop initiative and resourcefulness. Detailed maps and reports are required.
Prerequisite, twelve credits in Geology. Either semester, two or three credits.

German
Professors Milroy and Schultz, Mr. Carleton and Mr. Nylander
Course 101-102 is not counted toward a major or minor.
101-102. Elementary German.—Miss Milroy and Miss Schultz
Essentials of grammar, reading, conversation. This course is intended for students who have had no German.
One year, five hours a week, eight credits.

201-202. Intermediate German.—Miss Milroy and Miss Schultz
Reading of at least 400 pages of narrative prose (stories) with a review of grammar, accompanied by prose composition; conversation.
Prerequisite, course 102 or two years of high school German. One year, four hours a week, eight credits.

206. Scientific German.—Miss Schultz
A reading course for science students. Elective as a substitute for course 202 by permission of the department.
Second semester, four hours a week, four credits.

301. Survey of German Literature.—Miss Schultz
A general survey course up to the classic period; readings and reports.
Prerequisite, course 202. First semester, three hours a week, three credits. Not offered 1934-1935.

302. Lessing.—Miss Schultz
A brief study of his life and times and the reading of at least two of his important works.
Second semester, three hours a week, three credits. Not offered 1934-1935.

303-304. Modern Prose and Drama.—Miss Milroy
General reading course.
Prerequisite, course 202 if the language was begun in college. Those presenting three years of high school German may elect either this course or one of courses 301, 302 or 310. One year, three hours a week, six credits.

305. Goethe.—Miss Milroy
Study of Goethe’s life and of his lyrics, ballads, dramas and prose works.
Prerequisite, courses 307 and 310 or their equivalent and fifty-four credits. First semester, three hours a week, three credits.

306. Goethe’s Faust.—Miss Milroy
Critical and Analytical study of Part I, its sources and development.
Prerequisite, course 305 and fifty-four credits. Second semester, three hours a week, three credits.
307. Studies in History of German Literature.—Miss Milroy
   General survey of German literature from the earliest times to
   the end of the Middle Ages.
   Prerequisite, course 304, or equivalent. First semester, three hours
   a week, three credits.

308. Lyric Poetry.— Miss Milroy
   Development of German lyric poetry from the Middle Ages to
   our own day.
   Prerequisite, fifty-four credits. Second semester, three hours a week,
   three credits.

309. Composition.— Miss Schultz
   Advanced Syntax, practical composition and conversation.
   First semester, two hours a week, two credits.

310. Schiller.— Miss Milroy
   A rapid survey of his life and the reading of several of his
   dramas and his most important poems.
   Second semester, three hours a week, three credits.

405R. Individual Course.— Miss Milroy
   Independent work may be done by any advanced student in
   the department by special arrangement.
   One or two credits.

Teachers’ Course.—
   See Education 453-454.

Greek

Professor Hall

Course 101-102 is not counted toward a major or minor.
Courses 201-202 and 203-204 are counted as 300 courses for
third year students.

101-102. Grammar.—
   A study of the elements of the language. Drill in form, vo-
   cabulary, syntax and composition. Readings from Xenophon’s
   Anabasis.
   One year, five hours a week, eight credits.

112. Classic Mythology.—
   A study of the more important myths of Greece and Rome
   with special attention to their use in English literature.
   Second semester, two hours a week, two credits.
201-202. Xenophon or Lucian and Homer.—
(a) The Hellenica, Books I and II, with discussion of the earlier stages of the Peloponnesian war or Lucian's Charon or Timon and selected short dialogues, with a survey of the literary and social conditions of the age.
(b) The Iliad, Books I-IV in literary and grammatical study.
Prerequisite, course 102. One year, four hours a week, eight credits.

203-204. The Greek Testament.—
This course is intended not only for candidates for the ministry but for any who have studied classical Greek and who wish to acquire a reading knowledge of the New Testament in the original Greek.
Prerequisite, course 102. One year, four hours a week, eight credits.
Not offered 1934-1935.

301. Athenian Orators.—
Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.
Prerequisite, course 202. First semester, three hours a week, three credits.

302. Plato.—
The Apology and Crito. Socrates and his teachings, with readings from Xenophon's Memorabilia.
Prerequisite, course 202. Second semester, three hours a week, three credits.

311. Greek Literature in Translation.—
Studies in the classic prose writers and poets of Greece for students having no knowledge of Greek.
Prerequisite, fifty-four credits. First semester, two hours a week, two credits.

History

Professors Holmes and MacGregor

A major in History consists of twenty-four credit hours selected under the guidance of the department. In the additional eighteen hours from groups II or IV required for graduation there should be included at least six hours from the following courses: Political Science 152, 154; Sociology 201; Economics 231-232.

A major includes courses 101-102 and 203, 204; either 211, 212 or 301, 302. Three hours of Economic History may be counted toward a major in this department.

A minor consists of fifteen credit hours.

Students who plan to take the teachers' course must consult the department when registering for the second semester of the junior year.
101-102. The Modern World.—

MR. HOLMES AND MR. MACGREGOR

A survey of the cultural achievements of ancient and medieval society followed by a more detailed study of the development of modern civilization and its problems. This course is intended for freshmen and is open to upper classmen only with the consent of the department.

One year, three hours a week, six credits.

201, 202. English History.—

MR. HOLMES

The development of political, religious, economic, social and literary interests will be traced throughout the history of the English people.

First semester, to 1603; second semester, to the present time.

Prerequisite, twenty-four credits. One year, three hours a week, six credits.

203, 204. The United States from Colonial Times to the Present.—

MR. MACGREGOR

A survey of American History. This course deals intensively with the social, economic, and political development of the nation. Special stress is placed on the westward expansion and colonial extension of the United States. American activity in the Great War and post war conditions are covered.

Prerequisite, twenty-four credits. One year, three hours a week, six credits.

211. Ancient Civilization.—

MR. HOLMES

A study of the historical development of early culture with chief stress on Greek and Roman civilization.

Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

Alternating with course 305.

212. Medieval Civilization.—

MR. HOLMES

The development of European culture from the decline of the Roman Empire to the opening of the sixteenth century.

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits. Alternating with course 306.

301, 302. Nineteenth and Twentieth Century Europe.—

MR. HOLMES

An intensive study intended to acquaint students with the development of political, social and economic forces in recent European history. Throughout the year attention will be given to significant contemporary events affecting the countries of Europe. During the second semester emphasis will be placed on the period since 1914.

Prerequisite, fifty-four credits, including course 101-102. One year, three hours a week, six credits.
305. Renaissance and Reformation.— MR. HOLMES
Lectures and assigned readings covering the period from about
1300 to 1648, and dealing with the revolt from established
authority which characterized cultural and religious life during
this period.
Prerequisite, fifty-four credits, including course 101-102 or 212.
First semester, three hours a week, three credits. Alternating with
course 211. Not offered 1934-1935.

306. The French Revolution.— MR. HOLMES
A study of social, economic and political forces leading to the
upheaval of 1789 and continuing to the Congress of Vienna.
Prerequisite, fifty-four credits, including course 101-102. Second
semester, three hours a week, three credits. Alternating with course

311. Far Eastern International Relations in the
19th and 20th Centuries.— MR. MACGREGOR
A study in international rivalry.
Prerequisite, fifty-four credits, including either courses 203 and 204,
or 301 and 302. In individual cases with the consent of the instructor,
senior standing alone may be sufficient for a prerequisite.
First semester, three hours a week, three or four credits.

312. Hispanic-American International
Relations.— MR. MACGREGOR
A study of the development of the countries of South and
Central America and the importance of that development in
relation to world affairs.
Prerequisite, fifty-four credits, including either courses 203 and 204
or 301 and 302. In individual cases, with the consent of the instructor,
senior standing alone may be sufficient for a prerequisite.
Second semester, three hours a week, three or four credits.

313. The West and Minnesota.— MR. MACGREGOR
A detailed study of the westward extension of the United
States and the place of Minnesota in this activity.
Prerequisite, fifty-four credits, including History 203, 204. First
semester, three hours a week, three or four credits. Not offered
1934-1935.

401, 402. Individual Courses.— MR. HOLMES AND MR. MACGREGOR
This course is open to those advanced students in history who
wish to study some subject not regularly offered. The subject
studied and the nature of the instruction will be determined
in conference with the department.
Prerequisite, ninety credits. One year, two hours a week, four
credits.
449. **Representative Americans.**— **MR. MACGREGOR**
A study devoted to biography. A selected group of "Lives" will be studied from year to year in class.
Prerequisite, fifty-four credits, including either courses 203 and 204 or English 351 and 352. In individual cases, with the consent of the instructor, senior standing alone may be sufficient for a prerequisite.
First semester, two hours a week, two or three credits.

**Teachers' Course.**—
See Education 456.

**History of Art**
**PROFESSOR KELSO**

101-102. **Survey of Art History.**—
A survey of the architecture, sculpture and painting of the western world from the pyramids of Egypt down to the present time. First semester: the art of Egypt, Greece and Rome; Early Christian, Byzantine, Romanesque and Gothic architecture. Second semester: architecture in the renaissance, baroque and modern periods; the painters and sculptors of Europe from 1300-1900 A. D.
One year, two hours a week, four credits.

201-202. **Italian Art.**—
One year, two hours a week, four credits.

203R. **Painters of Northern Europe.**—
The painters of the Netherlands, Holland, Germany, France and Spain.
Either semester, two hours a week, two credits.

205R. **Greek Art.**—
The architecture and sculpture of Greece.
Either semester, two hours a week, two credits.

207-208. **The History of Architecture.**—
A careful study of the principles and monuments of architecture, from the Egyptian through the Greek, Roman, and medieval and renaissance periods down to modern functional architecture.
One year, two hours a week, four credits.
Latin
Professor Georgiana Palmer

A major in Latin consists of twenty credits of which fourteen must be in five courses, numbered 300 or above. A minor consists of twelve credits of which six must be 300 courses. Students who desire a recommendation for teaching Latin are required to have had at least four years of high school Latin and course 402, but are strongly urged to take course 306. Those who have met this minimum requirement can be recommended for teaching only the first two years of Latin. Those wishing to teach more than that must take at least one year of advanced Latin. In addition to the courses required in the Latin department a major student is advised to secure a minor in Greek, and to elect Economics 361, History 211, Philosophy 311 and English 216 and 358.

101-102. Elementary Latin and Caesar.—
A thorough study of Latin grammar supplemented by easy reading and a few selections of connected Latin.
One year, five hours a week, eight credits.

201-202. Intermediate Latin.—
Selections from the orations of Cicero and from Virgil's Aeneid. A brief study of the life and history of the times in which these men lived. No credit is given for one semester unless the student offers three units of Latin from preparatory school.
Prerequisite, two years of high school Latin or course 102. One year, four hours a week, eight credits.

301. Livy.—
Selections from the first ten books, read with especial attention to the growth and topography of the city of Rome.
Prerequisite, four years of high school Latin or course 202. First semester, three hours a week, three credits. Not offered 1934-1935.

302. Comedy.—
Representative plays of Plautus and Terence. Collateral work in the history of the drama and the Roman theatre.
Prerequisite, course 301. Second semester three hours a week, three credits.

303. Cicero.—
Readings from Cicero's essays and philosophical works.
Prerequisite, four years of high school Latin or course 202. First semester, three hours a week, three credits.
304. Horace.—
Selections from the whole of Horace's works.
Prerequisite, course 303. Second semester, three hours a week, three credits. Not offered 1934-1935.

305. Poets of the Republic.—
Study of the poets of the republican period with especial emphasis on the writings of Catullus and Lucretius.
Prerequisite, fifty-four credits and one 300 course. First semester, three hours a week, three credits. Not offered 1934-1935.

306. History of Latin Literature.—
Lectures on the lives and writings of the important Latin authors. A reading knowledge of Latin is advisable.
Prerequisite, fifty-four credits. Second semester, two hours a week, two or three credits.

307. Writers of the Silver Age.—
Selections from Tacitus and Pliny the Younger, along with a study of the history of that period.
Prerequisite, courses 302 and 304. First semester, three hours a week, three credits.

308. Poetry Survey.—
A survey of Latin Poetry from Vergil to the Church Fathers.
Prerequisite, course 202 or four years of high school Latin. Second semester, three hours a week, three credits. Not offered 1934-1935.

309. Advanced Composition.—
A thorough review of Latin Grammar in connection with prose composition.
First semester, two hours a week, two credits.

311. Prose Survey.—
Selections from the principal prose writers of early Latin and the Silver Age.
First semester, three hours a week, three credits.

Teachers' Course.—
See Education 458.

Mathematics and Astronomy
Professor Kingery and Mr. Rock

Courses 101, 102 and 106 are not counted toward a major or minor. Course 307-308 and Physics 201-202 are required for a major.
101, 102. Algebra, Trigonometry and Analytic Geometry.—
Mr. Kingery and Mr. Hastings
This course is for those who present only two units in high school mathematics.
One year, four hours a week, eight credits.

106. Mechanical Drawing.—
Mr. Kingery
A course designed for those preparing for technical schools.
Second semester, four hours a week, no credit. Not offered 1934-1935.

201-202. Analysis.—
Mr. Kingery and Mr. Rock
A course in College Algebra, Trigonometry and Analytic Geometry. Methods of calculus are introduced.
One year, four hours a week, eight credits.

204. Surveying.—
Mr. Kingery
Prerequisite, course 202. Second semester, three hours a week, three credits. Not offered 1934-1935.

301, 302. Advanced Analysis.—
Mr. Kingery
Rectangular, polar and parametric equations, derivatives, integrals, double and triple integration, differential equations.
Prerequisite, course 202. Four hours a week, eight credits.

304. Analytic Mechanics.—
Mr. Kingery
This course is listed as Physics 304.
Prerequisite, courses 302 and Physics 202. Second semester, three hours a week, three credits.

306. Mathematics of Investment.—
Mr. Kingery
Prerequisite, course 202. Second semester, three hours a week, three credits.

307-308. Advanced Calculus.—
Mr. Kingery
Integral Calculus with introduction to Differential Equations.
Prerequisite, course 302. One year, three hours a week, six credits.

351. Astronomy.—
Mr. Kingery
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 302. First semester, three hours a week, three credits. Not offered 1934-1935.

Teachers’ Course.—
See Education 459.

Music
Mr. Jensen, Mr. Fenyves, Mr. Guggisberg, Mr. Ayres, Mr. Messeas, Miss Heck and Miss Young
Music may be chosen as a major or a minor. Students with a major in music and a minor in history may count Music 203-204 as part of the minor. The total number of credits permitted in music is forty-four.
Minimum Requirements for a Major in Music.

<table>
<thead>
<tr>
<th></th>
<th>For piano, organ, voice, violin, and cello</th>
<th>For public school music</th>
<th>Electives</th>
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</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>101-102 4 cr.</td>
<td>101-102 4 cr.</td>
<td>Additional</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td>201-202 4 cr.</td>
<td>201-202 4 cr.</td>
<td>Additional</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td>301-302 4 cr.</td>
<td>301-302 4 cr.</td>
<td>Additional</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td>Applied 2 cr.</td>
<td>Applied 2 cr.</td>
<td>Additional</td>
</tr>
</tbody>
</table>

For public school music, six credits in Physics 101-102 are required.

All “applied” credits required must be confined to one branch of practical music.

Any additional “applied” credits acquired, may be taken in any branch of practical music.

Six credits in Physics 101-102 are required.

One year of piano is required of those students whose elected branches of applied music are voice, violin, or cello.

Requirements for a Minor in Music.

<table>
<thead>
<tr>
<th></th>
<th>For piano, organ, voice, violin, and cello</th>
<th>Second Year 203-204 6 cr.</th>
<th>Year Applied 2 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>101-102 4 cr.</td>
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<tr>
<td><strong>Second Year</strong></td>
<td>203-204 6 cr.</td>
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<tr>
<td><strong>Third Year</strong></td>
<td>Applied 2 cr.</td>
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<tr>
<td><strong>Fourth Year</strong></td>
<td>Applied 2 cr.</td>
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</tbody>
</table>

All applied music credits required must be confined to one branch of practical music.

101-102. Elementary Harmony.— Mr. Jensen
One year, two hours a week, four credits.

103-104. Ear Training.— Mr. Jensen
Open only to students who are registered for Music 101-102, or who have previously completed this course.
One year, one hour a week, two credits.

105-106. Choir.— Mr. Jensen
Two to four hours a week, at the discretion of the Director. Two to four credits. Subject matter will change from year to year, and the course may accordingly be repeated from year to year with credit. Special registration at the Conservatory of Music.

107-108. Band.— Mr. Johnson
Two hours a week, one credit. May be repeated from year to year with credit. Special registration at the Gymnasium.
201-202. **Advanced Harmony.**—

Prerequisite, course 102. One year, two hours a week, four credits.

203-204. **History of Music.**—

One year, three hours a week, six credits.

205-206. **Fundamentals of Singing.**—

Open only to students majoring in Public School Music. One year, one hour a week, no credit.

301. **Harmonic Analysis.**—

Prerequisite, course 202 or permission of instructor. First semester, two hours a week, two credits.

302. **Form.**—

Prerequisite, course 301, or permission of instructor. Second semester, two hours a week, two credits.

303-304. **Counterpoint.**—

Prerequisite, course 202, or permission of instructor. One year, two hours a week, four credits.

305-306. **Composition.**—

Prerequisite, courses 302 and 304. One year, two hours a week, four credits.

307-308. **Advanced History of Music.**—

Prerequisite, course 204. One year, two hours a week, four credits.

309. **Folk Song.**—

First semester, one hour a week, no credit. Required of all students whose major is in Public School Music.

310. **Modern Trends in Music.**—

Prerequisite, course 301. Second semester, one hour a week, one credit.

311-312. **Orchestral Strings.**—

Miss Harris

Required of all students whose major is in Public School Music. One year, one hour a week, no credit.

313. **Orchestral Woodwinds.**—

Required of all students whose major is in Public School Music. First semester, one hour a week, no credit.

314. **Orchestral Brasswinds.**—

Required of all students whose major is in Public School Music. Second semester, one hour a week, no credit.

401-402. **Public School Music.**—

Miss Heck

One year, two hours a week, four credits. Special fee, $40.00 a semester.

403-404. **Advanced Public School Music.**—

Miss Heck

Prerequisite, course 402. One year, two hours a week, four credits. Special fee, $40.00 a semester.
405-406. *Normal Training in Piano.*— Miss Young
One year, two hours a week, four credits.

**Applied Music.**

- Piano
- Voice
- Organ
- Violin
- Clarinet
- Ensemble
- Trumpet
- Violoncello

Special fees according to instructor.

Credits in applied music are based on the number of lesson periods in the semester, the number of hours of practice, and the results accomplished.

For further information concerning the Conservatory of Music refer to pages 90-99 of this bulletin.

**Philosophy**

**Professor Anderson**

A major in this department should include courses 205, 209, 220, 312. A minor should include courses 205, 209, 220 or 312.

**205R. Ethics.**—

This course includes, so far as time allows, history, ethical theory, psychology of the moral life, discussion of practical problems of our time and philosophical implications.

Prerequisite, twenty-four credits or Psychology 201. Either semester, three hours a week, three credits.

**209. Logic and Scientific Method.**—

An elementary course in the principles of thinking. It includes, so far as time permits, the methods of science, recent developments in logic, and exercises in critical thinking.

First semester, three hours a week, three credits.

**220. Introduction to Philosophy.**—

A course intended to introduce the student to the problems of the meaning of the world. It will seek to explain what the chief problems are and help the student in some constructive thinking about them.

Second semester, three hours a week, three credits.

**305. Development ofMorals and of Moral Ideas.**—

A study in the development of morals as illustrated in primitive and more advanced peoples; a comparison of some types of morality; the growth of morality in the individual.

Prerequisite, course 205 and Psychology 201. First semester, two hours a week, two credits. Not offered 1934-1935.
311, 312. History of Philosophy.—
The emphasis is placed on the leading thinkers and systems, with their backgrounds and relations to the general progress of thought. The second half of the year's work begins with John Locke. Credit is given for either semester.
Prerequisite, fifty-four credits. One year, three hours a week, six credits.

316. Recent Philosophy.—
A study of the recent statements of problems and of contributions to their solution.
Prerequisite, course 220 or 312. Second semester, two hours a week, two credits. Not offered 1934-1935.

325. Mind and Body.—
An historical sketch of opinions held on their relationship, followed by discussion of theories of the present day as they relate to this topic.
Prerequisite, fifty-four credits. First semester, two hours a week, two credits.

326. Philosophy of Religion.—
On the nature and philosophic implications of religion, but with particular reference to the Christian view of the world.
Prerequisite, fifty-four credits. Second semester, two hours a week, two credits.

330. Modern Idealism.—
Typical idealistic philosophers are studied thru selected works with the hope of awakening a larger appreciation of the idealistic point of view.
Second semester, two hours a week, two credits.

Physics
Professor Hastings

For a major in Physics the following courses are required: Physics 201-202, 301, 302, 351-352 and 411R; Mathematics 302; Chemistry 101-102. A thesis is required upon graduation in connection with the individual work in course 411R.

For a minor in Physics the following courses are suggested: 201-202, and any one of 301, 302, or 351-352.

Students in the Conservatory of Music should register for course 101-102 to fulfill their science requirement.

Pre-medical and pre-dental requirements are fulfilled by course 201-202.

Students preparing to enter a college of engineering should complete the following courses in Physics: 201-202, 221, 301, 302, 304.
101-102. Sound.—
A course designed primarily to meet the requirements in the Conservatory of Music, but open to all students. Part of the first semester is devoted to a summary of mechanics and heat. The remaining time is devoted to a detailed study of sound. Students will be given fundamental experiments in sound throughout the course.

One year, three lecture and recitation hours a week, six credits.

201-202. General College Physics.—
An introductory survey of the field of physics, consisting of lecture demonstrations, discussions and laboratory practice. This course meets the minimum requirement for pre-medical and pre-dental students and gives the basis upon which all succeeding courses in physics are built. The practical side of physics is emphasized wherever possible. Each student is required to perform about thirty basic experiments each semester.

Prerequisite, Mathematics 102 or three units of High School Mathematics. One year, two lectures and recitation, and two two-hour laboratory periods a week, eight credits.

221. Principles of Radio Communication.—
A course intended to give students interested in radio an opportunity to experiment with the simpler and more fundamental radio circuits. The characteristic curves of vacuum tubes are plotted, tube constants are measured, and fundamental receiving and transmitting circuits are set up and investigated.

Prerequisite, course 202. First semester, one recitation and two two-hour laboratory periods a week, three credits.

301. Mechanics and Thermodynamics.—
An introduction to analytical mechanics and classical thermodynamics. Attention is given to such subjects in mechanics as the dynamics of a particle, and in thermodynamics to the theory of reversible changes. About thirty experiments are performed. Some of the subjects covered by them are harmonic motion, moment of inertia, gyroscopic motion, viscosity, and continuous flow calorimetry.

Prerequisite, course 202. First semester, two recitations and two two-hour laboratory periods a week, four credits.
302. Electricity and Optics.—
An introduction to such subjects as potential theory, electromagnetism, interferometry, diffraction, and radiation. Thirty laboratory experiments are given in the course. Measurements are made in electricity using various bridge circuits, potentiometers, permeameters and current inductors. In optics the interferometer, grating spectrometer, and photoelectric cell are among the instruments used.

Prerequisite, course 202. Second semester, two recitations and two two-hour laboratory periods a week, four credits.

304. Analytical Mechanics.—
A course offered especially for those students planning to enter a college of engineering. Most of the time is devoted to the solution of problems in engineering mechanics. Members of the faculty in both the Physics and Mathematics departments cooperate in the teaching of the course.

Prerequisite, Physics 202 and Mathematics 302. Second semester, three hours a week, three credits.

351-352. Modern Physics.—
A survey of the developments in modern physics which have been so important in recent years. The first semester's work includes kinetic theory, radiation theory, quantum theory, spectroscopy, and X-rays. The second semester deals with wave and corpuscular theories, atomic spectra, periodic systems, radioactivity, and relativity.

Prerequisite, course 202. One year, two hours a week, four credits.

411R. Advanced Experimental Physics.—
In this course the student is allowed to carry on experimentation in some particular field of his own choosing, subject to the approval of the head of the department. The aim of such a course is to develop an interest in physical research. The course may be repeated with different topics.

Prerequisite, course 301 or 302. Either semester, four hours a week, two credits.

Teachers' Course.—
See Education 461.
Psychology
Professor Franklin

201R. General Psychology.—
An introductory survey of the theory, principles, laws and applications of normal human psychology. An impartial position is assumed with regard to contending views and schools. An attempt is made to point the study toward a more intelligent understanding of human conduct in every-day life.
Prerequisite, twenty-four credits. Either semester, three hours a week, three credits.

305. The Psychology of Childhood.—
A study of childhood, including the sources and characteristics of original nature and how it may be modified; social and non-social instincts; the original basis of the power to think; imagination in childhood; plasticity and habit formation; play and its significance; religious and moral tendencies, and suggestions regarding mental health in childhood.
Prerequisite, course 201. First semester, three hours a week, three credits.

306. The Psychology of Adolescence.—
The general characteristics of the adolescent period; its influence, physiological characteristics, accompanying mental and social changes; the appreciation of art and beauty, and the growth of moral concepts, with additional work toward the development of a better understanding regarding this period in the life of the individual.
Prerequisite, course 201. Second semester, three hours a week, three credits.

311. Experimental Psychology.—
An introduction to the experimental method and the statistical treatment of data in the field of psychology, with more detailed study of certain principles arising in General Psychology, such as reflex action, sensation, perception, association, learning, and attention.
Prerequisite, course 201. First semester, one lecture and two laboratory periods a week, three credits.

312. Applied Psychology.—
Psychology in its practical application to major fields of human endeavor, such as law, medicine, education, business and in-
dustry, together with principles of vocational psychology, and methods whereby human behavior may be predicted and controlled.

Prerequisites, fifty-four credits and course 201. Second semester, three hours a week, three credits.

313. Psychology of Personality.—
A study of personality development and adjustment with reference to case materials, especially biographical studies. Introductory consideration of personality measurement and mental hygiene. It is highly desirable that students have as an antecedent Sociology 301.

Prerequisite, course 201. First semester, three hours a week, three credits.

314. Abnormal Psychology.—
An inquiry into the origin and development of abnormal behavior; relation of normal to abnormal behavior; the psychopathology of normal life; disorders of sensation, perception, association, memory and emotion; hysteria, suggestion and hypnosis, dreams, compensatory disorders; effect upon total personality; possible approaches to adjustment; a program of mental hygiene for college students.

Prerequisites, fifty-four credits and course 201. Second semester, three hours a week, three credits.

402. Advanced Problems of Psychology.—
An advanced course devoted to the study of psychological problems, designed for students who desire to continue investigations begun in the regular courses, or to carry on individual research in the field of their vocational choice. Admission by permission of the instructor. Hours to be determined by the group.

Second semester, two hours a week, two credits.

Other courses for which credit is given in this department are: Education 201, Religion 336 and Sociology 301.

Religion

Including Bible and Religious Education

Professors Wallace, Kagin and McLean

The work of this department is organized to meet the needs of three types of students and courses are recommended for them as listed below:
First: For those who wish to devote to the study of religion only the eight hours required for graduation, it is recommended that course 101-102 or 105R be followed by electives chosen from the offerings related to special fields of interest.

Second: For those who wish to equip themselves for volunteer leadership in the work of the church, it is recommended that they take 12 credits which constitute a minor. These credits must include 201R and 342 in addition to 101-102 or 105R.

Third: For those who wish to build up foundation courses in religion so that they may be in a position to do advanced work in a theological seminary or graduate school of religious education, the department provides two types of majors as follows:

A Pre-Theological Major which consists of at least twenty credits in addition to 101-102 or 105R. It should include courses 103, 201, 208 or 313, 336 and 341. Supporting courses required in other fields are Greek 101-102 and 203-204, Sociology 201, Philosophy 220 and 326.

A Pre-Religious Education Major which consists of at least twenty credits in addition to 101-102 or 105R. It should include courses 103, 201, 208, 313 or 314, 341 and 341. Supporting courses required in other fields are Education 201, Sociology 201, Psychology 305-306.

101-102. The Life and Teachings of Jesus.— MR. McLEAN
A study of the life and teachings of Jesus from an historical point of view. The course is planned on a lecture-conference basis. All students attend one lecture a week. The second hour is devoted to reports and discussions held in small conference sections.

One year, two hours a week, four credits.

103. Old Testament History.— MR. KAGIN
This study is a biographical approach to the social, political, and religious history of the Hebrews. Important ideas and events are associated with outstanding personalities.

First semester, two hours a week, two credits.

105R. The Life of Christ.— MR. McLEAN
Following a brief introduction to the Gospel narratives a survey of the life and teachings of Jesus is made. Where it is not possible to take the required course in Religion, 101-102, this course may be substituted.

Either semester, two hours a week, two credits.
201R. The Apostolic Church.  Mr. Kagin
This study traces the spread of the Christian church from Jerusalem as a center through Palestine, Syria, Asia Minor, Greece and Rome. The Acts and letters of Peter, John and Paul are used as source material.
Prerequisite, 101-102, or 105R. Either semester, two hours a week, two credits.

204. Missions and World Citizenship.— Mr. Kagin
A survey course of the progress of world-wide Christian propaganda. Lectures, lantern slides, character sketches of great missionaries by members of the class, and letters from missionaries on the field are features of the course. Special attention is given to current movements in foreign lands which bear on the mission problem.
Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.

205. Contemporary Forms of Christianity.— Mr. Kagin
This course aims to give a better understanding of the various denominations of the Christian church and an appreciation of their contribution to the religious life of our day by a study of their background, origin, doctrines and institutions.
Prerequisite, twenty-four credits. First semester, three hours a week, three credits.

208. The Prophets of Israel.— Mr. Kagin
A careful study of the historical, religious and social background of the prophets, in relation to their own and surrounding nations. Emphasis is laid upon their ethical and religious messages and their permanent contribution to world thought.
Prerequisite, course 103. Second semester, two hours a week, two credits.

301-302. The Literary Study of the Bible.— Mr. McLean
Prerequisites, Religion 102 or 105R, English 102. Advanced courses advised: Religion 103, 208; English 267, 268. One year, two hours a week, four credits.

311. Essentials of Christian Belief.— Mr. Kagin
This course aims to help the student to harmonize the facts he has discovered in the various fields of science with a vital
faith in the spiritual realities of Christianity. Such subjects as God, Creation, Sin, Revelation, Redemption and Life after Death are discussed.

Prerequisite, fifty-four credits. First semester, two hours a week, two credits. Not offered 1934-1935.

312. **Comparative Religion.** — **Mr. Kagin**

A study of the great religious system of the world including Hinduism, Jainism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism, Mohammedanism, Sikhism, Judaism and Christianity. An attempt is made to point out the strong and weak features of each of these religions in the light of the teachings of Christianity.

Prerequisite, fifty-four credits. Second semester, two hours a week, two credits.

313. **The Social Teachings of Christianity.** — **Mr. McLean**

A study of the institutions and social teachings of the Hebrew people (Old Testament) and of the early Christian Church (New Testament). Special emphasis is given to the social teachings of Jesus.

Prerequisites, Religion 102 or 105R, Philosophy 201R, Psychology 201R, Sociology 201R. First semester, two hours a week, two credits.

314. **Christianity and Social Problems.** — **Mr. McLean**

A study of the application of Christianity to contemporary social problems. Questions arising in the church, state, industry, and in domestic, race, and international relations are considered. The procedure of the class is that of a seminar.

Prerequisites, Religion 102 or 105R, Philosophy 201R, Psychology 201R, Sociology 201R. Second semester, two hours a week, two credits.

336. **Psychology of Religious Experience.** — **Mr. McLean**

A study of the following phases of religious experience will be taken up from the psychological point of view: analysis of religious experience, its relation to general psychology; racial roots, the personal factor, and the origin and development of religious experience; sin, conversion, conduct control, belief in God, worship, prayer, inspiration and belief in life after death.

Prerequisite, fifty-four credits, including Psychology 201. Second semester, three hours a week, three credits.

341. **Introduction to Religious Education.** — **Mr. McLean**

The purpose of this study is to introduce the student to the general field of religious education. A rapid survey is made
of the history, underlying philosophy, aims, methods, content, curricula materials, agencies, organizations, problems and opportunities of the religious education movement.

Prerequisite, fifty-four credits. First semester, three hours a week three credits.

342. The Program of Religious Education.—MR. KAGIN
A study of the organization and program of religious agencies. Consideration is given to survey technics, principles of program building, selection of materials, training of leadership, and tests and measurements. This course is to prepare students for volunteer religious leadership in the community.

Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.

343. Religious Education and the Adolescent.—MR. MCLEAN
This course deals with the history, problems and methods of work with young people of high school and college age.

Prerequisite, fifty-four credits. First semester, two hours a week, two credits.

401, 402. Individual Course.—
Properly qualified students may pursue a subject of special interest under the guidance of the instructor within whose field the subject lies. Opportunity is given for extended research and a written report is required.

First or second semester or one year, two or four credits. Open only to seniors whose major is Religion, except by special permission.

Sociology and Social Work
PROFESSORS PALMER AND CORNELL

This department contains the coordinate divisions of Sociology and Social Work, preparing students for a major in Sociology or a pre-professional major in Social Work.

A. Sociology
Twenty credits are required for a major in Sociology and twelve credits are required for a minor. Those planning to take a major or minor should plan a selection of courses in consultation with the instructor.

Additional courses to be announced.
201R. **Principles of Sociology.**—
An introductory course. The nature of human nature; the origins and development of social groups, organizations and institutions; the meaning of society; social isolation; contact and interaction; social processes; social forces and their control; collective behavior, social progress and social values.

Prerequisite, twenty-four credits or consent of instructor. Either semester, three hours a week, three credits.

301. **Social Psychology.**—
The application of the principles of psychology to social life and behavior; instinctive and emotional expression; gesture, language and communication; conscious and unconscious imitation; objectivity and self-consciousness; wishes and attitudes; the interactions of individuals and groups; mass phenomena and social adjustments.

Prerequisites, course 201 and Psychology 201. First semester, three hours a week, three credits.

305. **Modern Cities.**—
A sociological study of modern city life; a survey of social changes, and their relation to urban civilization; the attraction of the city; urban ecology and institutions; rural versus urban mores; municipal problems in the United States; the urban community and the technic of social control.

Prerequisite, course 201 and forty-five credits. First semester, three hours a week, three credits.

306. **The Rural Community.**—
A consideration of the rural community as a sociological group; historic forms of village economy; contemporary changes in rural conveniences, communication, institutions and cooperation; economic and political problems of the farmer; agrarian movements in American life; the development of urban contacts, leadership, surveys, organizations and alignments. A natural sequence to course 305.

Prerequisite, course 201. Second semester, three hours a week, three credits.

321. **The Family.**—
The origins, development and functions of marriage and the family; modern social changes and family disorganization; American marriage and family relationships; methods of investigation and treatment.

Prerequisite, course 201 and fifty-four credits. First semester, three hours a week, three credits.
326. Social Statistics.—
A study of the elementary principles of statistics and their application to the field of sociology, social work and economics. Sampling, frequency distribution, averages, ratios, measures or probability and error, correlative and graphic presentation are considered. Selected statistical studies in the field of sociology, social work and economics are critically examined and practice problems assigned.

Prerequisite, fifty-four credits and foundation courses. Second semester, three hours a week, three credits.

Teachers’ Course.—
See Education 464.

B. Social Work
Professor Vivien Palmer

Twenty-one credits are required for the professional major in Social Work: courses 353, 354, 355, 357, 375, 377, 390, 392. Courses 353, 354 and 355 are orientation courses in Social Work and should be taken in the junior year. Courses 375, 377, 379, 390 and 392 are offered to seniors only and are designed to meet the requirements of technical social work courses under the current regulations of the American Association of Social Workers.

The following foundation courses in other departments are required as prerequisite to all social work courses: Biology 303, Economics 232, Political Science 154, Psychology 201R, Sociology 201R and 326. Courses in Sociology may qualify as part of the 18 credits in Group II, other than the major subject and required courses in religion, required of pre-professional majors in Social Work. A student with a major in Social Work may take a minor in Sociology.

The following related courses in other departments are recommended for Social Work majors as additional courses to meet graduation requirements, and as electives: Biology 204, Economics 339, Education 201R, Psychology 305, 306, 314, Sociology 301, 305, or 306, and 321. Expression 245, and 441-442 are recommended for students interested in Group Work.

Minors in Social Work for students expecting to enter allied fields such as those of the ministry, religious education, law, visiting teaching, or personnel management will be arranged in conference with the department concerned.
353. **History of Social Work.**—
Treats of the evolution of Social Work and its roots in changing economic and social conditions. Traces major stages in the development of social work from its rudimentary beginnings in isolated primary groups to its complex, professional development of the present day.
Prerequisite, fifty-four credits and foundation courses. First semester, three hours a week, three credits.

354. **Field of Contemporary Social Work.**—
An orientation course presenting a general view of the present field of social work and the workings of social agencies. It is arranged not only for the preprofessional students in social work, but for students with a layman's interest in social work, or for preprofessional students in allied fields. Class work is supplemented by field visits and special lectures.
Prerequisite, fifty-four credits and foundation courses. Second semester, three hours a week, three credits.

355. **Social Pathology.**—
A study of the major types of problems of persons and groups which social workers are called upon to handle, of the theoretical contributions of the various sciences to the diagnosis and treatment of these problems, and of the adaptations of these contributions from the standpoint of social work.
Prerequisite, fifty-four credits and foundation courses. First semester, three hours a week, three credits.

375. **Principles of Generic Case Work.**—
An introduction to the theory, philosophy, and technics of social case work. Deals with such topics as objectives of case work, social history, diagnosis, interpretation, prognosis, types of interviews, treatment, case recording, analysis of case load and professional ethics. Illustrative cases are used.
Prerequisite, ninety credits, foundation courses, and courses 353, 354, and 355. First semester, three hours a week, three credits.

377. **Community Organization.**—
A study of the attempts which have been made to effect an organization of the community for the purposes of social welfare. Attention is given to an analysis of the natural organization of typical communities and their cultural backgrounds, their social needs and the types of community organizations which have been developed to meet these needs.
Prerequisite, ninety credits and courses 354 and 355. First semester, three hours a week, three credits.
379. Methods of Social Investigation.—
An introduction to the application of scientific methods and technics of social investigation to the field of social work. Principles underlying the case study, historical, statistical, ecological and survey methods are discussed, with the emphasis upon the critical understanding of the contributions, limitations and interdependence of these various methods and of the specific technics used. Typical studies are examined.
Prerequisite, ninety credits and course 356. First semester, three hours a week, three credits.

390. Family Case Field Practice.—
One hundred twenty clock hours of supervised field work in the St. Paul United Charities.
Prerequisite, ninety credits and course 375. Course 390 is carried simultaneously with course 392. Limited to preprofessional majors in social work. Second semester, three credits.

392. Principles of Family Case Work.—
This course is built around the problems met by students in their field practice in family case work. It is designed to give the student time for class room discussion and reading while he is handling the complex problems which arise in the field.
Prerequisite, course 375 and registration in course 390. Second semester, three credits.

Spanish
Professor Ringo

Course 101-102 not counted toward major.

101-102. Elementary Spanish.—
Pronunciation, the essentials of grammar, elementary conversation and reading.
One year, five hours a week, eight credits.

201-202. Intermediate Spanish.—
Rapid review of grammar, conversation and composition and readings from Spanish Literature.
One year, four hours a week, eight credits.

208. Commercial Spanish.—
A study of elementary business along with practice in Spanish commercial correspondence.
Prerequisite, course 201. Second semester, three hours a week, three credits.
303. Modern Spanish Drama.—
A study of the drama from Moratin through Galdos, with special emphasis upon the Romantic Movement.
First semester, three hours a week, three credits.

306. Spanish Civilization.—
A study of the factors that have contributed to the development of Spain up to the present time.
Second semester, three hours a week, three credits.

307. Literature of the Golden Age.—
A general survey of Spanish Literature up to modern times. Lectures, reading of representative works, and reports.
First semester, three hours a week, three credits.

308. The Modern Spanish Novel.—
Mainly a study of the Novel of the 19th century.
Second semester, three hours a week, three credits. Not offered 1934-1935.

309. Contemporary Spanish Literary Movements.—
A study of the chief literary trends of today.
First semester, three hours a week, three credits. Not offered 1934-1935.

311. Advanced Composition and Oral Practice.—
Oral and written composition with special emphasis on style. Original essay work.
First semester, two hours a week, two credits.

313. Survey of Spanish American Literature.—
Lectures, and study of representative movements and authors, with special emphasis on the influence of Ruben Dario upon modern poetry.
First semester, two hours a week, two credits. Not offered 1934-1935.

404. Phonetics and Diction.—
A scientific study of pronunciation and oral expression.
Prerequisite, course 201. Second semester, two hours a week, two credits.
Physical Education

All candidates for graduation are required to have two years of Physical Education and a semester course in Personal Hygiene and must be able to pass an elementary swimming test.

First year students must register for courses 101-102 and 103 or 107.

Second year students must register for 203-204 or 205-206.

In September of every year each student is given a thorough physical examination. Special work is arranged for those who show a need of corrective exercises or for those who are unable to take the regular courses.

Men

MR. PRIMROSE, MR. GOWANS, DIRECTORS

Intercollegiate teams are maintained in football, basketball, track and field, swimming, ice hockey and tennis. Credit for gymnasium attendance is given to regular members of the squads who are selected by the coach. They are not required to take gymnasium work while on the squad, but must return to the Physical Education classes after the completion of a sport season.

Special effort is made to interest all men in athletic contests, who are not on the inter-collegiate squads. Regular schedules are formed each year for 12 teams in basketball, handball and kittenball. Inter-class games are held in swimming, hockey, handball, tennis, golf, track and field and basketball.

Students who expect to receive a special teacher's certificate in Physical Education from the Minnesota State Department of Education, must complete, in addition to the work in this department, the following courses in Science: Biology 101-102, 204, 301.

101-102. Elementary Gymnastics.—

Correct posture in standing, sitting and walking; marching; tactics; calisthenics. Beginning light and heavy apparatus work. Boxing, wrestling and swimming. When the weather permits, out-of-door mass games, as well as a variety of competitive games, may be substituted for the indoor work.

Required of freshmen. One year, two hours a week.
103R. **Personal Hygiene.**— Mr. Primrose
Lectures and discussions of the relation of exercise to correct habits of living.
Required of freshmen, one semester, one hour a week.

105R. **Elementary Swimming.**— Mr. Primrose
This course aims to enable the student to swim well enough to meet emergencies.
Open to all, two hours a week.

107. **Health Education.**— Mr. Primrose
This course will consist of lectures, recitations and preparation of digests upon practical methods of sanitation, care of the body, correct methods of exercising, and proper foods.
Required of candidates for the special teacher's certificate in Physical Education. First semester, two hours a week, two credits.

201-202. **Advanced Gymnastics and Apparatus Work.**— Mr. Primrose
Physiology of exercise. Leadership developed by students taking charge of class groups. Gymnastic, wrestling, boxing and swimming teams organized.
Prerequisite, course 102. One year, two hours a week.

203-204. **Advanced Swimming.**— Mr. Primrose
A continuation of course 105. May be substituted for course 201-202.
Prerequisite, course 105, or equivalent. One year, two hours a week.

207. **Corrective Gymnastics.**— Mr. Primrose
Methods of examination for the detection of physical defects of posture and structure of the body, and the prescribing of exercises and games to correct these defects.
First semester, two hours a week, two credits.

305. **First Aid and Athletic Training.**— Mr. Primrose
A study of first aid methods and treatment of athletic injuries. The members of this class will be required to work one hour a week in the training room. (The official American Red Cross course in First Aid is followed.)
First semester, one hour a week, one credit.

306. **Kinesiology.**— Mr. Primrose
A study of the mechanics of muscular work and the physiology of exercise and play.
Prerequisite, course 201-202. Second semester, one hour a week, one credit.
308. **Playground Methods and Activities.** — Mr. Primrose

Games, stunts and relays based on the modern idea of physical education through play and games. This course gives special instruction in athletic gymnastic type of exercise.

Second semester, two hours a week, two credits.

401-402. **Theory of Sports.** — Mr. Gowans

The major sports (football, basketball, track and field, hockey, and swimming) will be studied from the practical and theoretical sides of offense and defense. Strategy of games, scouting, psychology of coaching, study of rules and officiating will also be covered. The student will be required to help coach and officiate freshman, inter-class and intra-mural team games.

One year, two hours a week, four credits.

404. **Organization and Administration of Athletics.** — Mr. Gowans

This course treats of the place of Physical Education in the academic curriculum, schedule making, purchasing of equipment, construction of athletic fields and gymnasiums, organization of conferences, handling of games and tournaments and the administrative duties of the director of athletics.

Second semester, two hours a week, two credits.

**Women**

**Miss Hofland, Director**

The equivalent of two hours a week is required in each season of all freshman and sophomore women, to be elected from activities offered in swimming or seasonal sports.

The college year is divided into three seasons: 1. Fall (Sept. to Nov.) 2. Winter (Nov. to April) 3. Spring (April to June)

At the beginning of each season all women taking elective or required work must register in the gymnasium for their work for that season.

101-102, 201-202. **Field and Gymnasium Sports.** —

Choice of:

- **Fall:** archery, hockey, tennis, golf, speedball.
- **Winter:** volleyball, basketball, recreational sports (which include deck tennis, shuffleboard, aerial darts, ping pong, paddle tennis), clogging and Folk dancing.
- **Spring:** baseball, tennis, archery and golf.
103R. **Personal Hygiene.**—
A series of discussions and projects directed toward the solving of individual and group health problems with special emphasis on correct habits of posture, exercise and daily living.

Required of freshmen. One semester, one hour a week.

105-106. **Elementary Swimming.**—
This course aims to enable the student to swim well enough to meet emergencies.

Open to all, two hours a week.

111. **Remedial Activities.**—
Special developmental and remedial work adapted for students having postural or organic weakness.

203-204. **Intermediate Swimming.**—
A continuation of course 105-106, which will enable the student to swim with ease and confidence. Strokes, simple diving and stunts included.

Prerequisite, course 105, or equivalent. One year, two hours a week.

303-304. **Advanced Swimming.**—
Strokes, diving, life-saving and water stunts.

Prerequisite, course 204, or ability to pass intermediate test. One year, two hours a week.

Students are advised not to purchase swimming or gymnasium suits until class instructions have been received.
Macalester College Conservatory of Music

Faculty

CARL A. JENSEN, Director
Musical Theory, Organ, Choir

HAROLD AYRES, Violin
RUTH BACH, Piano
GABRIEL FENYVES, Piano
ELAINE GERBER, Piano
CARL F. GUGGISBERG, Voice
HELEN HARRIS, Violin
MATHILDA HECK, Public School Music
SADIE GINGOLD HENLY, Piano
MARY EDITH HUGHES, Expression, Dancing
HOLLIS JOHNSON, Clarinet, Band
THOMAS LARIMORE, Piano
JAMES MESSEAS, Cello, Ensemble
ANNE McCLOUD PIERCE, Voice
DORA S. SCHAETTGEN, Piano
CLAIR THORALDSON, Piano
MYRTLE WEED, Piano
JESSIE MAY YOUNG, Piano, Piano Normal
Entrance Requirements

The Bachelor of Music Degree is attainable by those students only who have qualified to meet the entrance requirements of the college as set forth on pages 29 and 30 of this bulletin.

Any certificate or diploma conferred by the Conservatory is attainable by those students only who are graduates of accredited high schools or academies requiring a four year course.

All students who enroll in courses leading to graduation or certification are required to enter at the beginning of the school year.

Students who enroll for private instruction only may enter at any time during the year.

Degrees and Certificates

Bachelor of Arts Degree with Major or Minor in Music.—Any college student may elect music as a major or minor. On a major the maximum number of credits allowed is forty-four and the minimum required is twenty-eight. A minor in music requires a minimum of sixteen credits. For detailed statement of requirements see page 65.

Diploma of the Conservatory.—This diploma is awarded to any student who completes the senior grade in any branch of applied music, together with the following courses:

- Harmony..................................two years
- Ear training................................one year
- Harmonic analysis.........................one semester
- Form......................................one semester
- Counterpoint.............................one year
- History of music.........................two years
- Modern trends..........................one semester
- Physics of sound........................one year

Two public recitals are required, in the junior and senior years respectively. One year of piano is required of those students whose elected branches of applied music are voice, violin, or cello.

This diploma is attainable by students not enrolled in the college.

Bachelor of Music Degree.—This degree is recommended only to those who, when they enter college, have an unusual talent for Applied Music and who are desirous of reserving ample time for practice. They are then allowed to obtain in music eighty of the one hundred twenty-six credits required for graduation.
## Bachelor of Music Requirements

### General

**First Year**
- Elementary harmony... .4 cr.
- Ear training.............2 cr.
- English 101-102...........6 cr.
- Religion 101-102.........4 cr.
- Physics 101-102.........6 cr.
- French or German........8 cr.

**Second Year**
- Advanced harmony...... .4 cr.
- History of music.........6 cr.
- Recital..................2 cr.
- French or German........8 cr.
- History 211-212.........6 cr.
- Religion................4 cr.

### Special

**For Major in Piano**
- Piano....................4 cr.
  - Voice, or Fundamentals of singing........2 cr.
- Piano....................4 cr.
  - Orchestral strings........2 cr.
  - Chorus...................1 cr.

**For Major in Organ**
- Organ....................4 cr.
  - Voice, or Fundamentals of singing........2 cr.
- Organ....................4 cr.
  - Orchestral strings........2 cr.
  - Chorus...................1 cr.

**For Major in Voice**
- Voice....................4 cr.
  - Piano....................2 cr.
  - Chorus...................1 cr.
  - Voice....................4 cr.
  - Orchestral strings........2 cr.
  - Piano....................1 cr.
  - Chorus...................1 cr.

**For Major in Violin**
- Violin....................4 cr.
  - Voice, or Fundamentals of singing........2 cr.
  - Piano....................2 cr.
  - Chorus...................1 cr.
### Bachelor of Music Requirements

#### General

- **Third Year**
  - Harmonic analysis: 2 cr.
  - Form: 2 cr.
  - Counterpoint: 4 cr.
  - Modern Trends: 1 cr.
  - Orchestral winds: 2 cr.
  - Recital: 2 cr.
  - Philosophy 205: 3 cr.
  - Psychology 201: 3 cr.

- **Fourth Year**
  - Composition: 4 cr.
  - Advanced history of Music: 4 cr.
  - Orchestration: 4 cr.
  - Normal: 4 cr.
  - Recital: 2 cr.
  - Thesis: 2 cr.

#### Special

**For Major in Piano**

- Piano: 4 cr.
- Accompanying: 2 cr.
- Transposition: 1 cr.
- Keyboard harmonization: 1 cr.
- Sight-reading: 1 cr.
- Piano: 4 cr.
- Ensemble: 2 cr.
- Transposition: 1 cr.
- Keyboard harmonization: 1 cr.
- Sight reading: 1 cr.

**For Major in Organ**

- Organ: 4 cr.
- Accompanying: 2 cr.
- Transposition: 1 cr.
- Keyboard harmonization: 1 cr.
- Sight reading: 1 cr.
- Organ: 4 cr.
- Conducting: 1 cr.
- Transposition: 1 cr.
- Keyboard harmonization: 1 cr.
- Sight reading: 1 cr.

**For Major in Voice**

- Voice: 4 cr.
- Piano: 1 cr.
- Accompanying: 2 cr.
- Chorus: 1 cr.
- Sight reading: 1 cr.
- Expression 141-142: 4 cr.
- Voice: 4 cr.
- Chorus: 1 cr.
- Conducting: 1 cr.
- Sight reading: 1 cr.

**For Major in Violin**

- Violin: 4 cr.
- Ensemble: 2 cr.
- Sight reading: 1 cr.
- Violin: 4 cr.
- Ensemble: 2 cr.
- Conducting: 1 cr.
- Sight reading: 1 cr.
Certificate of the Conservatory in Public School Music.—This certificate is awarded to any student who completes the following courses:

- Harmony ............................ two years
- Ear training .......................... one year
- Harmonic analysis .................. one semester
- Form ................................. one semester
- History of music .................... one year
- Folk song ............................ one semester
- Voice .................................. one year, or in lieu thereof
- Fundamentals of singing .......... one year
- Orchestral strings ................. one year
- Orchestral woodwinds ............ one semester
- Orchestral brasswinds ............ one semester
- Public school music methods .... two years
- Physics of sound ................. one year

Proficiency in piano, equivalent to sophomore grade, is required.

Certificate of the Conservatory in Normal Piano—This certificate is awarded to any student who has attained at least junior grade of proficiency in piano, and who has completed the following courses:

- Harmony ............................ two years
- Ear training .......................... one year
- History of music .................... one year
- Normal piano ........................ one year

This certificate is attainable by students not enrolled in the college.

For complete list of subjects offered at the Conservatory see pages 68-71.

Piano

Prerequisites.—A candidate for entrance to the freshman year in piano should have a good knowledge of all scales and arpeggios and should present at least one movement from an easy sonata of Haydn, Mozart or Beethoven. Those who are deficient in entrance requirements must enter one of the preparatory grades. No college or conservatory credits are granted for work in these grades.
Below is given a brief outline of technical work to be followed as closely as possible by the instructors. At the close of each semester, the student is examined by the director upon the work of that semester as outlined, and progress toward completion of the course is determined upon the result of that examination.

**Freshman I.**—Scales (major, harmonic, minor and chromatic) in 8th notes. ................................ M. M. 72 quarters

Major and minor tonic triads and inversions.

**Freshman II.**—Scales in 8th notes. ...... M. M. 100 quarters

Parallel and contrary motion.

Selections from French and English suites of Bach.

**Sophomore I.**—Scales in 16th notes. ...... M. M. 72 quarters

Thirds, sixths and tenths.

**Sophomore II.**—Scales in 16th notes. ...... M. M. 90 quarters

Tonic triad arpeggios, parallel and contrary motion. Two-part Inventions of Bach.

**Junior I.**—Scales in 16th notes. ..................M. M. 108 quarters

Dominant and diminished seventh chords, solid, broken and arpeggios.

**Junior II.**—Scales in 16th notes. ..............M. M. 120 quarters

Octave scales. Review of previous work. Three-part Inventions of Bach. A public recital is required in this year.

**Senior I.**—Scales in 16th notes. ..............M. M. 144 quarters

Double thirds and double sixths. Well-tempered Clavichord of Bach.

**Senior II.**—A graduation recital.

**Voice**

**Concurrent Requisite.**—One year of piano is required of students with a major in music whose elected branch of applied music is voice.

**Freshman Year.**—A study of the simplicity of breath control as applied to vocal as well as dramatic art; a study of the vowels; exercises in relaxation; drill in intonation and rhythm, tone production, and placing. The instructor will choose vocalizes best
adapted to the needs of the student. At least twenty songs of moderate difficulty must be memorized, with special attention to English diction.

**Sophomore Year.**—Continued drill in vocal technic, quality and equality of tone production, interpretation, enunciation, accuracy and style. Four easier selections from oratorio and opera. Rudiments of Italian diction and the study of early Italian music. Fifteen classic art songs must be memorized and only such songs are accepted toward graduation.

**Junior Year.**—Drill in vocal technic, sight singing, ear tests and style. A working knowledge of one foreign language, either French or German, as outlined in the regular college course is required. Special attention is paid to diction in these languages. Fifteen classic or modern songs must be memorized. The student is required to appear in public recitals.

**Senior Year.**—The study of program building, suitable repertoire from the best song literature, stage technic, elements of dramatic art as applied to any suitable opera role. It is required that thirty classic or modern songs be memorized by this year, preferably in the language in which they are written. A senior recital is required.

**Organ**

**Prerequisite.**—Students, before taking up the study of the organ, should be able to play the piano reasonably well, at least music of an intermediate grade, such as the Czerny Velocity studies, Bach’s Inventions, and the sonatas of Mozart and Haydn.

**Freshman Year.**—An instruction book is used, such as “The Technique and Art of Organ Playing” by Clarence Dickinson, “The Organ” by Stainer, or Clemens’ “Modern School for the Organ.” Great stress is made of the idea of laying a solid foundation for the future development of a finished organ technic.

**Sophomore Year.**—Such material as “Master Studies for the Organ” by Carl Nilson’s “Pedal Playing” are drawn upon. The easier works of Bach, from the Widor-Schweitzer edition, are thoroughly studied.

**Third Year.**—Continuation of the study of Bach’s works, sonatas of Mendelssohn, Guilmant, and other examples of organ literature.
Fourth Year.—Further continuation of the study of Bach, more particularly the larger and more difficult works. The symphonies, sonatas, choral preludes, suites, concert overtures of such composers as Rheinberger, Merkel, Franck, Widor, Vierne, Karg-Elert, Hollins, etc., and the best compositions of many other writers for the organ, both ancient and modern, are used throughout the course.

The requirements of church service playing are continually kept in mind, and students are drilled in hymn playing and accompaniments of sacred solos or anthems.

Violin

Concurrent Requisite.—One year of piano is required of students with a major in music whose elected branch of applied music is violin.

Preparatory Grade.—Special attention in forming the positions of the violin and bow. Easy studies in the first position to suit capabilities of each pupil.


Recitals

Recitals are given at the Conservatory each year by advanced students and members of the faculty. All students of music are expected to attend.

Concerts

Students of Macalester Conservatory have many opportunities to attend musical events in the cities of St. Paul and Minneapolis. Opera companies visit the Twin Cities each season, the Minneapolis
Symphony Orchestra gives a series of concerts, membership in the Schubert Club of St. Paul and the Thursday Musicale of Minneapolis is open to students, and there are constant opportunities to attend recitals by the foremost artists of the country.

**Sorority**

A chapter of the Sigma Alpha Iota sorority was installed at the Conservatory in 1923. All women students whose scholarship and musical attainments reach a satisfactory mark may join. It gives opportunity for social and musical events and for meeting members of other chapters. This sorority claims a wide membership, representing the highest accomplishments in music.

**Preparatory Department**

Macalester Conservatory has a large and flourishing Junior and Intermediate Department. Students are accepted at any age or stage of advancement and may enter at any time. Students who enter the Preparatory Department may look forward to completing the preparatory course in four years when upon examination they may be admitted to the college course.

**Tuition**

College students pay their bills for music courses at the college office at the beginning of each semester. All subjects taught at the Conservatory are included in the college tuition except the Public School Music courses and private lesson courses in Applied Music.

Students who take music only without entering the college may enroll at any time of the year and pay their tuition at the Conservatory.

The following terms for lessons are based on a semester of eighteen weeks.

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Charge</th>
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<tr>
<td>Piano</td>
<td>According to Instructor</td>
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<td>Organ</td>
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<td>Clarinet</td>
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Elementary harmony ........................................ $12.00
Ear training .................................................. 6.00
Advanced harmony .......................................... 12.00
History of music ........................................... 18.00
Harmonic analysis ........................................... 12.00
Form .......................................................... 12.00
Counterpoint ................................................ 12.00
Advanced history ........................................... 12.00
Composition ................................................ 12.00
Modern trends ............................................... 6.00
Normal piano ............................................... 12.00
Public school music ............................................ 40.00
Advanced public school music ............................... 40.00
Class instruction in piano for beginners ............... 13.50
Piano practice, one hour daily ............................. 8.00
Organ practice, per hour .................................... .40
Conservatory diploma ...................................... 5.00

In case the registration for any class is too small, the Conservatory reserves the right to abandon the class or to raise the terms.
Honorary Degrees
Conferred by Macalester College

      D. D. to Rev. J. Le Moyne Danner .......... Deceased
      LL. D. to Hon. Thomas Wilson .............. Deceased
      ........................................... Paris, France
      M. A. to Myron A. Clark, '90 .......... Deceased
      ........................................... Burlington, Iowa
      D. D. to Rev. William Porter Lee, Macalester, '89 ........
      ........................................... Germantown, Pa.
      D. D. to Rev. Harry Clinton Schuler, Macalester, '95 ....
      ........................................... Teheran, Persia
      D. D. to Rev. John Hansen Sellie, Macalester, '95 ....
      ........................................... Le Sueur, Minn.
      ........................................... Pyeng Yang, Korea
      ........................................... Deceased
      LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D. ...
      ........................................... Chicago, Ill.
      D. D. to Rev. Joseph Carle Robinson ........ Deceased
      LL. D. to Hon. James Jerome Hill ............. Deceased
1916: Mus. M. to Harry Phillips .................. Deceased
1918: D. D. to Rev. Asa John Ferry. Wichita, Kansas
D. D. to Rev. T. Ross Paden. Deceased
1919: LL. D. to Rev. Dwight Witherspoon Wylie, New York City
D. D. to Rev. Thomas W. Graham. Oberlin, Ohio
D. D. to Rev. Thomas M. Findley. Deceased
D. D. to James Wallace, Ph. D. St. Paul, Minn.
1925: D. D. to Rev. Frank Harvey Throop. Columbus, O.
D. Sc. to Prof. R. U. Jones. St. Paul, Minn.
1932: LL. D. to George D. Dayton. Minneapolis, Minn.
1933: L. L. D. to Rev. Barclay Acheson. New York City
Roll of Students

Senior Class

Lorraine Violet Anderson ........................................ St. Paul, Minn.
Alberta Carol Bahr ............................................. Grand Rapids, Minn.
Charlotte Edith Bailey .......................................... Estherville, Iowa
Dwight Harold Ball ............................................. Minneapolis, Minn.
Margaret Elizabeth Ball ....................................... Minneapolis, Minn.
Gordon Claus Bergin ............................................ Minneapolis, Minn.
Laverne Elizabeth Bergquist ................................ Stillwater, Minn.
Russell Floyd Blaisdell ........................................ Hayfield, Minn.
James Leland Bridges ........................................ Moorhead, Minn.
Ivan Charles Burg ............................................... Nicollet, Minn.
Clayton Donald Calgren ....................................... Cokato, Minn.
Ralph William Chamberlain .................................... Hastings, Minn.
Lewis Larned Coburn ........................................... Fulda, Minn.
Edwin Vernard Coulter ........................................ Lamberton, Minn.
Katherine Elizabeth Davis ...................................... Minneapolis, Minn.
Beatrice Louise Dziuk ........................................... Foley, Minn.
Florence Ethel Emmans .......................................... Bethel, Minn.
Anna Marie Erbele ............................................... Wishak, N. D.
Helen Marie Farnham ........................................... St. Paul, Minn.
Ralph Wilbur Fellman ........................................... Cazenovia, Minn.
William Steinfeldt George ..................................... Mankato, Minn.
Eugene Emanuel Grafstrom .................................... North Branch, Minn.
Lois Evelyn Green ................................................. St. Paul, Minn.
Arthur Gregory ..................................................... St. Paul, Minn.
William Everett Hall ........................................... Red Wing, Minn.
Paul Bartlett Haney ............................................. Eveleth, Minn.
Ruth Elizabeth Hanley .......................................... St. Paul, Minn.
Earl Victor Hansen ............................................... Balsam Lake, Wis.
Helen Mary Harding ............................................... Hudson, Wis.
Helen Esther Harris ............................................. St. Paul, Minn.
Haakon Berner Hausvik ......................................... Farsund, Norway
Richard Bowne Hazard .......................................... Minneapolis, Minn.
Eleanor Carolyn Heck ........................................... St. Paul, Minn.
Lillian Elizabeth Hopeman ..................................... Moorhead, Minn.
Mae Flora Howe ................................................... Foley, Minn.
Helen May Hoye ................................................... St. Paul, Minn.
Wilbur James Humber ........................................... St. Paul, Minn.
Murel Lewis Humphrey .......................................... St. Paul, Minn.
Mary Yeager Jarman ............................................. St. Paul, Minn.
Helen Astrid Johnson ............................................. Foreston, Minn.
Theodore Norton Johnson ....................................... St. Paul, Minn.
Helen Elizabeth Jones .......................................... Minneapolis, Minn.
Kermit Robert Kammer .......................................... Chatfield, Minn.
Loretta Margaret Kienitz ....................................... St. Paul, Minn.
Inga Klaksvik ...................................................... Underwood, Minn.
Margaret Helen Krause .......................................... Hutchinson, Minn.
Mabel Cathryn Kreie ............................................. Brownton, Minn.
Dorothy Adelaide Larsen.......................... Clear Lake, Wis.
Viola Kathryn Laughlin.......................... Grey Eagle, Minn.
Eleanor Ruth Leavitt............................. St. Paul, Minn.
Audrey Lucile Lidren............................. St. Paul, Minn.
Violet Esther Lilygren........................... St. Paul, Minn.
Evelyn Louise Lott............................... St. Paul, Minn.
Grace Fraser MacIntosh......................... Minneapolis, Minn.
Isabel Alice McKay............................... Park Rapids, Minn.
Mildred Isabelle McLean......................... St. Paul, Minn.
Charles Frederick Mullen....................... Madelia, Minn.
Leigh Mignon Nerhaugen........................ St. Paul, Minn.
Enid Lucille Newkirk............................ Deer River, Minn.
Richard Hamilton Nutt.......................... Sidney, Mont.
Rolyda Emma Ella Olesen....................... Lamberton, Minn.
Walter Oscar Olson............................... Rush City, Minn.
Aaron Eldon Palmquist.......................... St. Paul, Minn.
Howard Willard Paulsen........................ Minneapolis, Minn.
Gladys Ruth Peik................................ Browntont, Minn.
Ada Catherine Peterson......................... Big Lake, Minn.
Raymond Conrad Peterson....................... St. Paul, Minn.
Robert Harold Peterson......................... Crookston, Minn.
Harry Darby Pettersen......................... Sisseton, Minn.
Vernon Carl Lynden Petterson.................. St. Paul, Minn.
Hayes Alexander Redmond....................... St. Paul, Minn.
Stanley Griffith Roberts....................... Mankato, Minn.
Harriet May Schaffner.......................... St. Paul, Minn.
Eleanor Caroline Schmid....................... St. Paul, Minn.
Frances Lorraine Schoettler................... St. Paul, Minn.
Maxine Lewis Schroer.......................... Minneapolis, Minn.
Russell Erwin Simmons......................... St. Paul, Minn.
Henry Edwin Simpson........................... Chatfield, Minn.
Wilbert Gustav Sindt............................ Pipestone, Minn.
Dorothy Vienna Strunk......................... Northfield, Minn.
Jerome Walter Sullivan......................... Mankato, Minn.
Casper John Tietema............................ Sheldon, Iowa
Marie Liberty Wasson......................... Coleraine, Minn.
Ruth Pauline Weiser............................ St. Paul, Minn.
Alfred John Wold................................ Minneapolis, Minn.
Earl Howard Wood............................... Mankato, Minn.
Mark Twain Woodward........................... Ticonic, Iowa
Leone Mae Wright............................... St. Paul, Minn.

Junior Class

Carol Hope Abbett............................... Minneapolis, Minn.
Robert Louis Ackerberg....................... St. Paul, Minn.
Bengt Ivar Anderson......................... St. Paul, Minn.
Alex Ector Arnold............................... Crookston, Minn.
Albert Irwin Balmer.......................... Pipestone, Minn.
Eileen Rae Barstow............................. Sandstone, Minn.
Reinhold Kirk Batzer............................ Virginia, Minn.
<table>
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<td>Robert Fletcher Berquist</td>
<td>Mankato, Minn.</td>
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<td>Euniece Maurine Berryman</td>
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<td>Catherine Rose Chambers</td>
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<td>Russell LeDoux</td>
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<td>Norman Elwin Lefebvre</td>
<td>St. Paul, Minn.</td>
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Donald Judson Lobdell ...................................... Minneapolis, Minn.
Clifford William McAninch ................................ Stillwater, Minn.
Helen Margaret McCrary .................................... St. Paul, Minn.
John Thomas MacKnight .................................... St. Paul, Minn.
Elizabeth Evelyn Mariner .................................. Crookston, Minn.
William Henry Meierding .................................. New Ulm, Minn.
Rowe Burrell Million ....................................... St. Paul, Minn.
Janet Mae Milsten ........................................... Belfield, N. D.
William Paul Mohr .......................................... Rapidan, Minn.
Donald Raymond Navratil .................................. Silver Lake, Minn.
Irwin Wickman Nessel ....................................... Rush City, Minn.
Philip Louis Oriolski ....................................... St. Paul, Minn.
Stuart Alexander Patterson ............................... Brainerd, Minn.
Dorothy Caroline Penson .................................. St. Paul, Minn.
Arnold W. Peterson ......................................... St. Paul, Minn.
Bernadine Carita Peterson ................................ St. Paul, Minn.
Homer Alton Peterson ...................................... St. Paul, Minn.
Katherine Wyand Peterson ................................ Litchfield, Minn.
Lloyd Allan Peterson ....................................... Benson, Minn.
Walter Robert Petry ........................................ St. Paul, Minn.
Benjamin Francis Richason ................................ Willmar, Minn.
Mavis Charlotte Royhl ...................................... Minneapolis, Minn.
Helen Irene Sharp .......................................... Minot, N. D.
Richard Ellsworth Smith .................................. St. Paul, Minn.
Roy Ingebrikt Solum ........................................ St. Paul, Minn.
Greta Mae Sutton ........................................... Huntley, Minn.
William Clifford Tapper .................................. Minneapolis, Minn.
Melvyn Warren Townsend ................................ Fergus Falls, Minn.
Robert William Hewitt Tricker ............................ St. Paul, Minn.
Helen Marguerite Vick ...................................... St. Paul, Minn.
Marvel Ovedia Wangensteen ................................. St. Paul, Minn.
Dorothy Augusta Wick ....................................... Dell Rapids, S. D.
Henry Oetjen Wiedenheft ................................ Good Thunder, Minn.
Helen Annette Wilson ...................................... Montevideo, Minn.
Martha Elizabeth Wilson .................................. Mankato, Minn.
Verna Emma Wilson ......................................... Minneapolis, Minn.
John MacFarlane Wayne Wooley ........................... St. Paul, Minn.
Winifred Marie Ethel Zastrow ............................. Hinsdale, Ill.

Sophomore Class

Emil Dana Almquist ......................................... Madelia, Minn.
Jean Ambrose ................................................. St. Paul, Minn.
Victor Herman Andersen .................................... Minneapolis, Minn.
Doris Lucille Anderson ..................................... Stanley, N. D.
Kathryn Jewel Arthur ....................................... St. Paul, Minn.
Mary Jane Atcheson .......................................... St. Paul, Minn.
Dorsey Ellen Barnes .......................................... Jackson, Minn.
Mary Elizabeth Bell .......................................... St. Paul, Minn.
Jean Catherine Blaisdell .................................. Hayfield, Minn.
Stephen Gilbert Borstad .................................... St. Paul, Minn.
Roger William Briar .................................................. St. Paul, Minn.
Florence Elizabeth Brown ........................................... Vernon Center, Minn.
Stuart Alexander Brown ............................................. Windom, Minn.
Mary Elizabeth Caldwell ............................................ St. Paul, Minn.
Mary Elizabeth Calhoun ............................................. Albert Lea, Minn.
Helen Sansbury Chapman ............................................ St. Paul, Minn.
Beryl Devine Clapp .................................................. St. Paul, Minn.
Katherine Louise Colson ........................................... Wadena, Minn.
Ward Ray Conklin .................................................... St. Paul, Minn.
Richard Melvin Day .................................................. Minneapolis, Minn.
Harland Menna DeBoer ............................................... St. Paul, Minn.
Jennie Gene Hiemstra DeBoer ...................................... St. Paul, Minn.
Marietta Louise Dedolph ............................................ St. Paul, Minn.
Elizabeth Drake ..................................................... Minneapolis, Minn.
Archie Duncan ........................................................ St. Paul, Minn.
Gordon MacArthur Earhuff .......................................... St. Paul, Minn.
Carl MorriSS Erdman, Jr. ........................................... St. Paul, Minn.
Margaret Victoria Ferré ............................................. Springfield, Mass.
Rachel Fisherman .................................................... Tel-Aviv, Palestine
Jean Fletcher ........................................................ St. Paul, Minn.
Ella Sue Franz ........................................................ Mountain Lake, Minn.
Violet Irene Gilbert ................................................ St. Paul, Minn.
Vernes Frank Graefstrom ........................................... North Branch, Minn.
Clarice Marie Gramith .............................................. Waconia, Minn.
Harold Fred Groth ................................................... Halloway, Minn.
Howard Edwin Gustafson ............................................ St. Paul, Minn.
Kathryn Estella Haffie .............................................. Chetek, Wis.
Kenneth Henry Hall .................................................. Red Wing, Minn.
Richard James Halvorson .......................................... St. Paul, Minn.
Edwin Friedman Harris .............................................. St. Paul, Minn.
Bernice Lillian Hayek .............................................. Albert Lea, Minn.
Ellen Dorothy Heine ................................................ Wheaton, Minn.
David Franke Hobart ............................................... St. Louis Park, Minn.
Miriam Gove Hobart ................................................. St. Louis Park, Minn.
Valera Regina Hubmer .............................................. St. Clair, Minn.
Evelyn Ilene Humber ................................................ St. Paul, Minn.
Wilbur Alfred Jackson .............................................. St. Paul, Minn.
Ada Miriam Johnson .................................................. St. Paul, Minn.
Helen Katherine Marie Johnson .................................... St. Paul, Minn.
John Harold Johnson ................................................ St. Paul, Minn.
Vilhelm Manual Johnson ............................................. Dawson, Minn.
Helen Eugenia Kelts ................................................ Aitkin, Minn.
Douglas John Kise ................................................... Redwood Falls, Minn.
Clarence Herman Kroning .......................................... St. Charles, Minn.
Willis George Kunze ................................................ St. Paul, Minn.
Kae Isabel Larkin .................................................... Minneapolis, Minn.
Harold Roy Lawler .................................................. Gordon, Wis.
Frederick Hartmann Lott .......................................... St. Paul, Minn.
Eunice Louise Lundblad ............................................. St. Paul, Minn.
Marian Alice McGee ................................................. St. Paul, Minn.
Harriette Jane MacMullan .......................................... Minneapolis, Minn.
William Herbert Mahle.................................St. Paul, Minn.
Gordon Maxwell Malen.................................St. Paul, Minn.
Albert Donald Mattson.................................St. Paul, Minn.
Melissa Whitney Mitchell..............................Bemidji, Minn.
Ralph Emil Moe........................................Minneapolis, Minn.
Paul William Moore.....................................Minneapolis, Minn.
Ian Alastair Buchanan Morton........................St. Paul, Minn.
Robert Alexander Murray...............................Parker's Prairie, Minn.
Velma Clara Nafus......................................St. Ignatius, Mont.
Dorothy Kathleen Nolterieke........................St. Paul, Minn.
Willis Irwin Nonnweiler..............................Minneapolis, Minn.
Gladys Dorothy Nuwash.................................Silver Lake, Minn.
Annette May Oberg......................................Willmar, Minn.
Harold Algot Ohlgren..................................Cokato, Minn.
Robert Percy Pearsall.................................Virginia, Minn.
Edward James Peterson.................................Morris, Minn.
Harriet Ann Peterson..................................Litchfield, Minn.
Marvin Charles Peterson...............................St. Paul, Minn.
James Jerome Pinney..................................St. Paul, Minn.
Louise Elnor Pribyl...................................St. Paul, Minn.
Ralph McClellan Richards..................Minneapolis, Minn.
George Edward Sausen................................Center City, Minn.
Eleanor Emily Schuldt.................................St. Paul, Minn.
Marion Ella Schulz...................................White Bear Lake, Minn.
Catherine Lucretia Shuman............................El Paso, Ill.
Gladys Maie Simmons..................................St. Paul, Minn.
George Sinding.........................................St. Paul, Minn.
Dorothy Hazel Smith.................................St. Paul, Minn.
Harold Milo Smith..................................Alexandria, Minn.
Jean Colvin Smith..................................Plainview, Minn.
Antoinette Marguerite Stalley......................St. Paul, Minn.
Sara Johanna Stampe..................................Minneapolis, Minn.
James A. Stevens......................................White Bear Lake, Minn.
Jane Dean Strebel..................................Sauk Centre, Minn.
John Darby Struck..................................Fairmont, Minn.
Esther Sweney........................................St. Paul, Minn.
Dorothea Margery Tanquist..........................St. Paul, Minn.
Helen Roberta Thornburg..............................Lakefield, Minn.
Warner Clayton Tidemann..............................Albert Lea, Minn.
Curtis Edward Tuthill.................................Minneapolis, Minn.
Beatrice Bailey Belle Vassar........................St. Paul, Minn.
Olvin Herman Venzke..................................Minneapolis, Minn.
Elaine Helen Wakefield................................Willmar, Minn.
James Johnson Wallace................................St. Paul, Minn.
Vern Samuel Waters..................................St. Paul, Minn.
Violetta Florida Weagant.............................Dover, Minn.
Charles Howard Westman..............................Alexandria, Minn.
Harlan Axel Westrell..................................Odin, Minn.
Harriett Elizabeth Wookey..........................Minneapolis, Minn.
Elmer Howard Zoff..................................St. Paul, Minn.
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John Frank Carey ......................................................... Hayfield, Minn.
Helen Claire Carlson .................................................... Minneapolis, Minn.
James Monroe Chamberlain ........................................... Wabasha, Minn.
Robert McMichael Champlin .......................................... Vernon Center, Minn.
Fern Francis Christensen ............................................... Minneapolis, Minn.
Kathleen Betty Louise Christensen .............................. Albert Lea, Minn.
Leslie Payton Christenson ............................................. Slayton, Minn.
Shirley Dorothea Christiansen ..................................... Palisade, Minn.
Walter Edward Clark ..................................................... Hopkins, Minn.
Sherwood Willard Clasen ............................................. St. Paul, Minn.
Mardy Virginia Clay ..................................................... St. Charles, Minn.
Stella Adams Clough ..................................................... St. Paul, Minn.
Ruth Elsa Colberg ......................................................... St. Paul, Minn.
Belva Cornell ................................................................. St. Paul, Minn.
Harold Eugene Coulter ................................................ Lamberton, Minn.
Robert Arthur Crepeau ................................................ St. Paul, Minn.
Marvin Smith Cummings ............................................. Beaver Creek, Minn.
Darrell Adrian Davis ..................................................... St. Paul, Minn.
Richard Lincoln Davis ................................................ Benson, Minn.
Joe Roland Deanovic ..................................................... Kinney, Minn.
Marcel Julien del Mas ................................................... Hugo, Minn.
Willard Lawrence Deming, Jr ..................................... Minneapolis, Minn.
Margrette Annie Devin .................................................. Memphis, Tenn.
Mortimer Adolph Dittenhofer, Jr ..................................... St. Paul, Minn.
Dolores Katherine Doran ............................................. St. Paul, Minn.
Winslow Harry Dostal ................................................ Minneapolis, Minn.
Esther Rebecca Dunn ..................................................... St. Paul, Minn.
Wyllie Deene Eastman .................................................. St. Paul, Minn.
Leslie Joseph Edlund ..................................................... St. Paul, Minn.
Blanche Elemine Erlandson ........................................... Hettinger, N. D.
Edythe Lucille Farnham ............................................... St. Paul, Minn.
Dolores Evangeline Femrite ....................................... St. Paul, Minn.
George William Flad .................................................... St. Paul, Minn.
Katherine Louisa Flad .................................................. St. Paul, Minn.
Donalda Fletcher .......................................................... St. Paul, Minn.
Genevieve Irene Footh ................................................ Mankato, Minn.
Logan Nicholas Foreman ............................................. Redwood Falls, Minn.
James Lorenzo Frazier ................................................ Verndale, Minn.
Lyle Albert French ....................................................... Mankato, Minn.
Anna Theresa Frey ......................................................... St. Paul, Minn.
Raymond Scheafer Frommer ....................................... St. Paul, Minn.
Lyle Gooden Frost ......................................................... Claremont, Minn.
Charles Frederick Fulcomer ....................................... Gardenville, N. Y.
George Paris Gallos ..................................................... Minneapolis, Minn.
Keith Alfred Garnatz .................................................. Vernon Center, Minn.
M. Halsted Gates ......................................................... St. Paul, Minn.
Burton Louis Gewalt .................................................. Breckenridge, Minn.
Curtis Frank Gibson ..................................................... Minneapolis, Minn.
Frances Dorothy Gilbert ............................................. St. Paul, Minn.
Roberta Virginia Gillis ................................................. Wishek, N. D.
George Campbell Grant ................................................. Wishek, N. D.
Merlyn Carson Green ........................................ St. Paul, Minn.
Harriet Stella Gregory ........................................ St. Paul, Minn.
William Waters Griffin ......................................... St. Paul, Minn.
Elizabeth Alice Griffith ....................................... Kenmare, N. D.
Andrew Gordon Groen .......................................... Chatfield, Minn.
John Kolben Grotting ........................................... Minneapolis, Minn.
Verna Linnea Gustofson ......................................... St. Paul, Minn.
Robert Fredric Halladay ........................................ Minneapolis, Minn.
Paul Edward Hanchett .......................................... Minneapolis, Minn.
Aldon Russell Hanson ........................................... Montevideo, Minn.
Everett Wilbert Hanson ......................................... Worthington, Minn.
Howard Harris ..................................................... St. Paul, Minn.
Jean Miller Harrison ............................................. Minneapolis, Minn.
Delores Melba Harstead ......................................... St. Paul, Minn.
Dorothy Reed Hart ................................................ Pipestone, Minn.
Mary Louise Hartman ............................................. Buffalo, N. Y.
John Roger Haserick ............................................ Minneapolis, Minn.
Herbert Marsden Haskell ........................................ St. Paul, Minn.
Dorothy Louise Hasslen ......................................... St. Paul, Minn.
Clarice Gertrude Haukebo ........................................ Underwood, Minn.
Gordon William Hawkinson .................................... Luverne, Minn.
Harrison Hemenway ............................................... Minneapolis, Minn.
LaVonne Ingrid Anita Henning ................................ St. Paul, Minn.
Elinor Pauline Heuer ............................................. Bertha, Minn.
Frances Eleanore Hill ........................................... St. Paul, Minn.
Carl Leonard Hintzen ............................................ Carlos, Minn.
Ardythe Margaret Hjort .......................................... Albert Lea, Minn.
Howard Homer Holton ........................................... St. Paul, Minn.
Dorothy Alida Howard ........................................... Lake Crystal, Minn.
Charles Henry Howe .............................................. St. Paul, Minn.
Mary Beryl Huber ................................................ Owatonna, Minn.
Florence Edith Hubmer .......................................... St. Clair, Minn.
Eugene Clarke Huebener ......................................... St. Paul, Minn.
William Fabian Hunt ........................................... St. Paul, Minn.
Ruth Elizabeth Hunter ........................................... Milbank, S. D.
Virginia Ann Hunter ............................................. Minneapolis, Minn.
George Warren Hutchins ....................................... LaJunta, Colo.
Sara Catherine Hyre ........................................... Minneapolis, Minn.
Dorothy Alice Inman ........................................... St. Paul, Minn.
Rachel Alice Ioset ............................................... Wadena, Minn.
Gordon Sloan Jaeck ............................................. Minneapolis, Minn.
Claire Meredith James .......................................... Madelia, Minn.
Robert Joseph Jameson ........................................ St. Paul, Minn.
Mary Alice Jenkins ............................................. St. Paul, Minn.
John Harold Jensen ............................................. Hallock, Minn.
Juliette Eleanor Jerabek ........................................ Silver Lake, Minn.
Kathryn Louise Jewett .......................................... Des Moines, Iowa
Clayton Howard Johnson ....................................... Albert Lea, Minn.
Dorothy Gail Johnson ........................................... St. Paul, Minn.
Helen Elsie Johnson ............................................. Jackson, Minn.
Maebelle Louise Johnson ....................................... St. Paul, Minn.
Stanley Leonard Johnson .......................... Minneapolis, Minn.
Julia Elizabeth Kagin .................................. St. Paul, Minn.
John Robert Karlson .................................. Minneapolis, Minn.
Marion Ida Kask ........................................ St. Paul, Minn.
Eleanor Kellner ........................................ South St. Paul, Minn.
Arthur Knut Kelsen ..................................... St. Paul, Minn.
Frances Myrtle Keyworth ................................. St. Paul, Minn.
Paul Burke Kiger ........................................ Alexandria, Minn.
Jeanne Elizabeth Kimball ................................. St. Paul, Minn.
Eldis Seymour King ..................................... South St. Paul, Minn.
Audrey Caroline Knauft ................................ St. Paul, Minn.
Robert Louis Kohls ...................................... Belview, Minn.
Evelyn Jean Kopilovich ................................ St. Paul, Minn.
Doris May Lacy ............................................ St. Paul, Minn.
Phyllis Catherine May LaDue .......................... St. Paul, Minn.
Elizabeth Townsend Lang ............................... St. Paul, Minn.
Robert James Larsen ..................................... St. Paul, Minn.
Jean Elizabeth Lastrup ................................ St. Paul, Minn.
Robert LaVallie .......................................... St. Paul, Minn.
Artis Maxine Leistiko ................................... St. Paul, Minn.
Gordon James Lester ..................................... St. Paul, Minn.
John Arthur Lilygren ................................... St. Paul, Minn.
Helen Margaret Lindbergh ............................... Deer River, Minn.
Tim Lipschultz ........................................... St. Paul, Minn.
Leighton Simon Long ................................... Luverne, Minn.
Edmund R. Lynn .......................................... Rochester, Minn.
Arthur Whitten McCauley ............................... Anoka, Minn.
George Allen McDougall ................................ St. Paul, Minn.
Margaret Birnie MacIntosh ............................. Minneapolis, Minn.
Lloyd Edgar McMurchy ................................... St. Paul, Minn.
Eckoe A. Maes ........................................... Redwood Falls, Minn.
Kenneth E. Magnuson ................................... North Branch, Minn.
Winston Churchill Mani ................................ Minneapolis, Minn.
Ruth Elizabeth Marble .................................. St. Paul, Minn.
Kathryn B. Marshall ................................... Shakopee, Minn.
Eva Lorraine Martz ..................................... LeRoy, Minn.
Marie Adalin Mathews ................................... St. Paul, Minn.
Margaret Eleanor Meacham ............................. St. Paul, Minn.
Helen Elizabeth Mecklenburg ........................... Worthington, Minn.
Guernsey Fort Mettel ................................... Minneapolis, Minn.
Howard Eugene Meyer .................................. St. Paul, Minn.
Walter James Middleton ................................ Baudette, Minn.
Gordon A. Mikkelson ................................... Stillwater, Minn.
Gayle May Miller ........................................ Groton, S. D.
Mildred-Ann Miller ..................................... Winona, Minn.
Norman Christian Miller ................................ Groton, S. D.
Frank Joseph Milnar .................................... St. Paul, Minn.
John Wellman Milsten .................................. Belfield, N. D.
Grace Helen Minx ....................................... St. Paul, Minn.
Eleanor Mary Mitchell .................................. Winona, Minn.
Robert Carl Molkenbur ................................ St. Paul, Minn.
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sue Alice Momsen</td>
<td>St. Paul Park, Minn.</td>
</tr>
<tr>
<td>Donald Marcus Morell</td>
<td>Grandy, Minn.</td>
</tr>
<tr>
<td>Margaret Morgan</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Edmund Mottershead</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Dorothy Margaret Mueller</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Harold Lowell Mueller</td>
<td>Hayfield, Minn.</td>
</tr>
<tr>
<td>Roland Burkhardt Mueller</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Jerome Edward Murphy</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Marion Marguerite Murtaugh</td>
<td>Albert Lea, Minn.</td>
</tr>
<tr>
<td>Margaret Evelyn Nelsen</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Charles Alley Nelson</td>
<td>Buffalo, Minn.</td>
</tr>
<tr>
<td>Emil Theodore Norberg</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Medary Nordland</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Lenora Mae Noreen</td>
<td>Hutchinson, Minn.</td>
</tr>
<tr>
<td>Leonore Ethel Nyhagen</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Margaret Marion Nylof</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Donaven Norman Ogren</td>
<td>Alexandria, Minn.</td>
</tr>
<tr>
<td>Harland Bernard Ohde</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>William Edmund Olsen</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Bernice Arlyne Olson</td>
<td>Fulda, Minn.</td>
</tr>
<tr>
<td>Kellogg Eng Olson</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Warren Clayton Olson</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Jean Lucille Overend</td>
<td>Hallock, Minn.</td>
</tr>
<tr>
<td>Audrey Grace Peck</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Jane Gertrude Peck</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Douglas Grover Pedersen</td>
<td>Moutevideo, Minn.</td>
</tr>
<tr>
<td>Paul Erick Pedersen</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Dorothy Marie Peterson</td>
<td>St. Paul, Minn.</td>
</tr>
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<td>Lucille Grace Peterson</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Evelyn Irene Phillips</td>
<td>South St. Paul, Minn.</td>
</tr>
<tr>
<td>Joseph R. Plunkett</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Margaret Carrol Pollock</td>
<td>Pollock, S. D.</td>
</tr>
<tr>
<td>Helen Phyllis Potter</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>David Hubert Powers</td>
<td>Grand Rapids, Minn.</td>
</tr>
<tr>
<td>Malcolm Graham Powrie</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>George Frederic Putnam, Jr.</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Joseph George Reader</td>
<td>St. Paul, Minn.</td>
</tr>
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<td>Jean Boal Reynolds</td>
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</tr>
<tr>
<td>James McClellan Richards</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Margaret Jessie Rodberg</td>
<td>Willmar, Minn.</td>
</tr>
<tr>
<td>Audrey Virginia Rude</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Edward Hughes Russell</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Arthur Swasey Rusterholz</td>
<td>St. Paul, Minn.</td>
</tr>
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<td>William Clinton Rutherford</td>
<td>Stillwater, Minn.</td>
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<tr>
<td>Cecile Elizabeth Ryden</td>
<td>St. Paul, Minn.</td>
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<tr>
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<td>St. Paul, Minn.</td>
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<tr>
<td>Carroll Emanuel Sandberg</td>
<td>Willmar, Minn.</td>
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<tr>
<td>Raymond Alden Sandstrom</td>
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</tr>
<tr>
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</tr>
<tr>
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<td>St. Paul, Minn.</td>
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<td>Eleanor Laurine Schech</td>
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<tr>
<td>Lola Eda Schuetler</td>
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</tr>
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<tr>
<td>Bernhoff Riske Skogmo</td>
<td>Clark, S. D.</td>
</tr>
<tr>
<td>Vera Verona Smith</td>
<td>Rochester, Minn.</td>
</tr>
<tr>
<td>William Thomas Smith</td>
<td>Hibbing, Minn.</td>
</tr>
<tr>
<td>Isabelle Rose Sommerdorff</td>
<td>Brownton, Minn.</td>
</tr>
<tr>
<td>Laura Louise Sontag</td>
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</tr>
<tr>
<td>Gerald Speedy</td>
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</tr>
<tr>
<td>John Peter Sperzel</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Viola Lynette Stading</td>
<td>Wishek, N. D.</td>
</tr>
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<td>Gordon James Stampe</td>
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</tr>
<tr>
<td>Ruth Frances Steel</td>
<td>St. James, Minn.</td>
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<tr>
<td>Lawrence Peter Stephanie</td>
<td>Avon, Minn.</td>
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<tr>
<td>James Ford Stevens</td>
<td>Cottonwood, Minn.</td>
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<td>Ruth Margaret Stevenson</td>
<td>White Bear Lake, Minn.</td>
</tr>
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<tr>
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<tr>
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</tr>
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<td>Red Wing, Minn.</td>
</tr>
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</tr>
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</tr>
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</tr>
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<td>Minneapolis, Minn.</td>
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<td>James Carter Thompson</td>
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</tr>
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</tr>
<tr>
<td>Eileen Bernice Tracy</td>
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</tr>
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</tr>
<tr>
<td>Helen Margaret Waits</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
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<td>St. Paul, Minn.</td>
</tr>
<tr>
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<td>Red Wing, Minn.</td>
</tr>
<tr>
<td>Florence D. Whitcher</td>
<td>North St. Paul, Minn.</td>
</tr>
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<td>Lyman Edward Whitcher</td>
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</tr>
<tr>
<td>Waneta Wilhelmina Wieseke</td>
<td>Bertha, Minn.</td>
</tr>
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<td>Ruth Margaret Wilhelm</td>
<td>St. Paul, Minn.</td>
</tr>
<tr>
<td>Loyd Wicklow Wilson</td>
<td>Minneapolis, Minn.</td>
</tr>
<tr>
<td>Samuel Bey Wiper</td>
<td>Sheldon, N. D.</td>
</tr>
<tr>
<td>Park Wittenberger</td>
<td>Cloquet, Minn.</td>
</tr>
<tr>
<td>William Rosewarn Wivell</td>
<td>Buhl, Minn.</td>
</tr>
</tbody>
</table>
Robert Horace Wood ........................................ Minneapolis, Minn.
Wilbur Donald Wood ........................................ Mankato, Minn.
Jean Gordon Wooley .......................................... St. Paul, Minn.
Farhad Woolson .............................................. St. Paul, Minn.
Marguerite Wright .......................................... St. Paul, Minn.
Margaret Louise Young ..................................... Austin, Minn.
Martha Anna Yukl ............................................ St. Paul, Minn.
Walter Harold Ziegler ....................................... St. Paul, Minn.

Special Students

Robert Clark Carey ........................................ Hayfield, Minn.
Ann Calvert Chapman ...................................... St. Paul, Minn.
Helen Marie Colberg ........................................ St. Paul, Minn.
Dorothy Flood ................................................ Minneapolis, Minn.
Lorna Jeanette Forbes ..................................... South St. Paul, Minn.
David Martin Fulcomer ..................................... Gardenville, N. Y.
Mildred Rosa Grunau ........................................ South St. Paul, Minn.
Frances Foster Hanley ....................................... St. Paul, Minn.
Milton Blair Hart ............................................. Delavan, Minn.
Irene Ruth Hedberg .......................................... St. Paul, Minn.
Vera Bell Hohle .............................................. Minneapolis, Minn.
Marjorie Rose Holler ........................................ St. Paul, Minn.
Florence M. Ide (Mrs. A. W.) .............................. St. Paul, Minn.
Margaret Lorimor Knox ..................................... St. Paul, Minn.
Helen Emma Krauss .......................................... St. Paul, Minn.
Evangeline Naomi Larson ................................... St. Paul, Minn.
Herbert Arthur McQuillan .................................. St. Paul, Minn.
Elizabeth Jean Manuel ....................................... Minneapolis, Minn.
Lewis Erwin Merman ........................................ St. Paul, Minn.
William Henry Morris ...................................... Willmar, Minn.
Carolyn Wilhelmine Mueller ................................. St. Paul, Minn.
Robert Marion Muir ......................................... Jackson, Minn.
Gladys Caroline Nyquist .................................... St. Paul, Minn.
Helen Marie Olson ........................................... St. Paul, Minn.
Karl Arthur Olson ............................................ Bellevue, Pa.
Carroll Arthur Palmer ....................................... St. Paul, Minn.
Elsie Lorraine Renning ..................................... St. Paul, Minn.
Georgina Ringo (Mrs. E. W.) .............................. St. Paul, Minn.
Blanche Robertson (Mrs. A. W.) ........................... St. Paul, Minn.
Donald Hill Rock ............................................. St. Paul, Minn.
Lois Mae Rogers .............................................. St. Paul, Minn.
Walter Carl Schatz .......................................... Brownton, Minn.
Roger LeRoy Steltzner ...................................... Rice Lake, Wis.
Marian Elizabeth Thompson ................................ Fort Dodge, Iowa
Clara Martha Wahlers ........................................ St. Paul, Minn.
Gertrude Adelaide Waits ................................... St. Paul, Minn.
Ray Eugene Williams ........................................ St. Paul, Minn.

Summary of Students

Freshmen ...................................................... 312
Sophomores ................................................... 111
Juniors ......................................................... 96
Seniors ........................................................ 88
Special Students ............................................. 37

Total .......................................................... 644
# INDEX

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Staff</td>
<td>3</td>
</tr>
<tr>
<td>Admission</td>
<td>29</td>
</tr>
<tr>
<td>Advanced Standing</td>
<td>30</td>
</tr>
<tr>
<td>Advisers</td>
<td>35</td>
</tr>
<tr>
<td>Aeolian Chorus</td>
<td>22</td>
</tr>
<tr>
<td>Art, History of</td>
<td>65</td>
</tr>
<tr>
<td>Astronomy</td>
<td>68</td>
</tr>
<tr>
<td>Athletics</td>
<td>86</td>
</tr>
<tr>
<td>Bequest, Form of</td>
<td>13</td>
</tr>
<tr>
<td>Bible</td>
<td>76</td>
</tr>
<tr>
<td>Biology</td>
<td>36</td>
</tr>
<tr>
<td>Botany</td>
<td>38</td>
</tr>
<tr>
<td>Buildings and Equipment</td>
<td>13</td>
</tr>
<tr>
<td>Calendar</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry</td>
<td>39</td>
</tr>
<tr>
<td>Classification</td>
<td>33</td>
</tr>
<tr>
<td>Committees, Faculty</td>
<td>11</td>
</tr>
<tr>
<td>Trustees</td>
<td>5</td>
</tr>
<tr>
<td>Conservatory of Music</td>
<td>90</td>
</tr>
<tr>
<td>Courses of Study</td>
<td>36, 92</td>
</tr>
<tr>
<td>Credit</td>
<td>30</td>
</tr>
<tr>
<td>Debate and Oratory</td>
<td>22</td>
</tr>
<tr>
<td>Degrees</td>
<td>17, 30, 91, 100</td>
</tr>
<tr>
<td>Departments</td>
<td>36</td>
</tr>
<tr>
<td>Dormitories</td>
<td>14</td>
</tr>
<tr>
<td>Drawing, Mechanical</td>
<td>68</td>
</tr>
<tr>
<td>Economics</td>
<td>42</td>
</tr>
<tr>
<td>Education</td>
<td>45</td>
</tr>
<tr>
<td>English</td>
<td>50</td>
</tr>
<tr>
<td>Entrance Requirements</td>
<td>29</td>
</tr>
<tr>
<td>Examinations</td>
<td>16</td>
</tr>
<tr>
<td>Expenses</td>
<td>25, 98</td>
</tr>
<tr>
<td>Expression</td>
<td>55</td>
</tr>
<tr>
<td>Faculty, College</td>
<td>6</td>
</tr>
<tr>
<td>Conservatory of Music</td>
<td>90</td>
</tr>
<tr>
<td>Forensics</td>
<td>22</td>
</tr>
<tr>
<td>Foundations</td>
<td>20</td>
</tr>
<tr>
<td>French</td>
<td>56</td>
</tr>
<tr>
<td>General Information</td>
<td>12</td>
</tr>
<tr>
<td>Geology</td>
<td>58</td>
</tr>
<tr>
<td>German</td>
<td>59</td>
</tr>
<tr>
<td>Glee Club</td>
<td>22</td>
</tr>
<tr>
<td>Graduation</td>
<td>30, 91</td>
</tr>
<tr>
<td>Greek</td>
<td>61</td>
</tr>
<tr>
<td>Health Service</td>
<td>24</td>
</tr>
<tr>
<td>Historical Sketch</td>
<td>12</td>
</tr>
<tr>
<td>History</td>
<td>62</td>
</tr>
<tr>
<td>History of Art</td>
<td>65</td>
</tr>
</tbody>
</table>