



Macalester College Bulletin

CATALOG NUMBER

April, 1936

Volume XXIV

Number 7

Macalester College

Bulletin

CATALOG NUMBER



1936

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

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Published Monthly except August and September

College Calendar

1936-1937

1936

- June 1-6. Monday-Saturday, Second Semester Examinations.
June 3. Wednesday, 8:15 p. m., Recital, Conservatory of Music.
June 4. Thursday, 8:15 p. m., Senior Class Play.
June 5. Friday, 8:15 p. m., Senior Class Play.
June 6. Saturday, 11:00 a. m., Class Day.
June 6. Saturday, 6:30 p. m., Alumni Banquet.
June 7. Sunday, 4:00 p. m., Baccalaureate Sermon.
June 8. Monday, 10:30 a. m., Forty-seventh Annual Commencement.
June 8. Monday, 8:30 p. m., President's Reception.
Sept. 21. Monday, Freshman Registration.
Sept. 22. Tuesday, Upper Class Registration.
Sept. 23. Wednesday, 8:00 a. m., Classes begin.
Nov. 26-28. Thanksgiving Vacation.
Dec. 18. Friday, 4:20 p. m., Christmas Vacation begins.

1937

- Jan. 4. Monday, 8:00 a. m., Christmas Vacation ends.
Jan. 23-30. Saturday-Saturday, First Semester Examinations.
Feb. 1-2. Monday-Tuesday, Second Semester Registration.
Feb. 3. Wednesday, 8:00 a. m., Classes begin.
Feb. 22. Monday, Washington's Birthday.
March 4. Thursday, Pi Phi Epsilon Initiation.
March 25. Thursday, 4:20 p. m., Spring Vacation begins.
April 5. Monday, 8:00 a. m., Spring Vacation ends.
April 16. Friday, Cap and Gown Day.
June 5-12. Saturday-Saturday, Second Semester Examinations.
June 14. Monday, Second Semester ends.

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

OLIVE CHRISTENSEN, B. A., Secretary to the Deans

FERNAM BUDOLFSON, Bursar

DOROTHY M. EKLUND, Secretary to the Assistant Treasurer

MAURINE LINDQUIST, Secretary to the Bursar

ANN HUBBARD, B. A., Bookkeeper

CHARLOTTE GRAHAM, Hostess, Wallace Hall

MRS. ADELLA B. ANDERSON, Hostess, Kirk Hall

Board of Trustees

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TERMS EXPIRE JUNE, 1936

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TERMS EXPIRE JUNE, 1937

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TERMS EXPIRE JUNE, 1938

REV. WM. H. BODDY, D. D.....	Minneapolis
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PAUL D. SCHRIBER.....	St. Paul
R. M. WEYERHAEUSER.....	St. Paul
REV. A. L. ODELL, D. D.....	St. Paul
CLARK FLETCHER.....	Minneapolis
FRED SCHILPLIN.....	St. Cloud
W. MELL HOBART.....	Minneapolis

JOHN C. ACHESON, ex-officio

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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)
A. B., Wabash College, 1893; A. M., 1899.

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

RICHARD URIAH JONES, Dean of the College.
Professor of Chemistry. (1901)
A. B., Macalester College, 1901; A. M., University of Wisconsin,
1916; Sc. D. Macalester College, 1926.

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.

OTTO THEODORE WALTER, Professor of Biology. (1922)
A. B., State University of Iowa, 1916;
A. M., 1917; Ph. D., 1923.

*The names are arranged according to seniority of appointment in each of the following groups: Professors, Associate Professors, Assistant Professors and Instructors.

†Retired.

- INA ANNETTE MILROY, Professor of German. (1925)
Ph. D., University of Berlin, 1904.
- 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)
A. B. Washington & Jefferson, 1894; Ph. D., U. of
Leipzig, 1904.
- 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)
A. B., Baldwin-Wallace College, 1916; A. M., Northwestern
University, 1917.
- 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.

*Leave of Absence—① 2nd semester.
② Year 1935-36

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.

ROB ROY MacGREGOR, Associate Professor
of History. (1932)

A. M., Southern Methodist University, 1926;
Ph. D., Clark University, 1929.

BORGHILD SUNDHEIM, Associate Professor of French. (1927)

S. B., University of Minnesota, 1925; A. M., 1927; Ph. D., 1935

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.

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.

SYNNEVA HOF LAND, 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.

WILLIAM AUGUSTUS CORNELL, Assistant Professor of
Sociology. (1934)
Ph. B., University of Wisconsin, 1923;
A. M., University of Chicago, 1927.

LOUIS CLARK KEATING, Assistant Professor of
Spanish (1934)
A. B., Colgate University, 1928; A. M., Harvard University, 1930;
Ph. D., Harvard University, 1934.

CAREY M. JENSEN, Assistant Professor of Mathematics. (1935)
A. B., University of Minnesota, 1918; A. M., 1920; Ph. D., 1924

MRS. RUTH HANSON KOONTZ, Assistant Professor of
Sociology, in charge of Social Work. (1935)
A. B., University of Minnesota, 1913; New York School of
Social Work, certificate 1918.

MARION WILLIAM BOGGS, Assistant Professor of
Political Science. (1935)
A. B., University of Missouri, 1931; A. M., 1932.

HUGH M. COLE, Assistant Professor of History. (1935)
S. B., Wheaton College, 1931; A. M., University of
Minnesota, 1933.

MARY ELIZABETH RONEY, Instructor in English. (1933)
A. B., Macalester College, 1930; A. M., University of
Minnesota, 1935.

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

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

HAROLD JOHN JERABEK, Assistant in English. (1935)
A. B., Macalester College, 1933.

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

KARL HAROLD LEVANDER, Debate Coach. (1933)
A. B., Gustavus Adolphus College, 1932;
LL. B., University of Minnesota, 1935.

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

Committees of the Faculty

The President is ex-officio a member of each committee

Curriculum

F. E. WARD
O. T. WALTER
M. D. McLEAN

C. A. JENSEN
C. E. FICKEN

C. H. SHIFLETT
W. A. CORNELL

Catalog

J. P. HALL

K. L. HOLMES

D. N. KINGERY

Social Affairs

M. M. DOTY
W. A. CORNELL

C. E. FICKEN
S. HOFLAND

D. C. PRIMROSE
G. B. WHITRIDGE
GWEN OWEN

Athletics

O. T. WALTER
ALAN GOWANS

R. B. HASTINGS
L. C. KEATING

D. C. PRIMROSE
C. H. SHIFLETT

Publications

F. E. WARD
R. D. BURROUGHS

GLENN CLARK

K. L. HOLMES
GRACE MAY

Appointments

F. A. YOUNG
R. J. BRADLEY

R. D. BURROUGHS

S. F. FRANKLIN

College Functions

G. B. WHITRIDGE
F. G. AXTELL

J. P. HALL
R. R. MACGREGOR

C. A. JENSEN
O. T. WALTER

Religious Life and Activities

H. S. ALEXANDER
GLENN CLARK
R. U. JONES

EDWIN KAGIN
M. D. McLEAN

G. P. PALMER
W. F. VANCE

Chapel

MILTON McLEAN

C. A. JENSEN
G. W. DAVIS, Honorary Chaplain

E. KAGIN

Pi Phi Epsilon

R. B. HASTINGS
A. W. ANDERSON

BORGHILD SUNDHEIM
L. C. KEATING

D. SCHULTZ
F. A. YOUNG

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, central heating plant, 1924,

Kirk Hall, men's dormitory, 1927, 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. EDWARD DUFFIELD NEILL, * D. D., 1873-1884.

REV. THOMAS A. MCCURDY, * D. D., 1884-1890.

REV. DAVID JAMES BURRELL, * D. D., 1890-1891.

REV. ADAM WEIR RINGLAND, * D. D., 1892-1894.

JAMES WALLACE, Ph. D., LL. D., 1894-1906.

THOMAS MOREY HODGMAN, * LL. D., 1907-1917.

REV. ELMER ALLEN BESS, * D. D., 1918-1923.

JOHN CAREY ACHESON, A. M., LL. D., 1924.

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 thoroly 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 22,700 volumes and is located on the ground floor of the main building. In Carnegie Science Hall are department libraries.

One hundred and forty 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 30.

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 is 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 thruout 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.

Benjamin Ogden Chapman Scholarship.—In memory of Benjamin Ogden Chapman, for many years a trustee of the college, a scholarship of \$50.00 is offered to aid a student in the department of Religion who is selected by the head of this department in conjunction with the donor.

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.

Freshman Prize Scholarships.—The Council of Minnesota Colleges, representing the private colleges of the state, offers two scholarships to each of the standard high schools of Minnesota, one to the highest ranking man, the other to the highest ranking woman, good for one year in the college selected by the student.

Each scholarship is equivalent to one half of the tuition of freshman year and is credited on the second semester tuition account, provided the student has maintained satisfactory grades during the first semester.

Loan Funds

Jennie Hodgman.—A revolving fund of about \$3,500, raised and administered by the Faculty Women's Club, is used for loans to junior and senior women.

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 six months 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 \$8,000, 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; Athenaeum, and Eulogian societies admit men and Chi Phi Delta, Clonian, 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 Dramatic Art, whose object is to stimulate and develop an appreciation 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-two years of its existence. The club is under the direction of a faculty adviser.

Women's Glee Club.—A well-established undergraduate organization of women under the direction of a faculty adviser.

Oratorio Choir.—This is a choir of mixed voices, specializing in the study and performance of the great oratorios and other sacred music. The organization is under the supervision of the director of the Conservatory of Music.

College Band.—This is a concert ensemble, organized and conducted under the supervision of the Conservatory of Music.

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:

Mary Elizabeth Bell	Virginia Ann Hunter
Beryl Devine Clapp	Marian Margaret Jenkins
Katherine Louise Colson	Marian Alice McGee
Margaret Victoria Ferre	Harriette Jane MacMullan
Katherine Louisa Flad	Eckoe Maes
Ella Sue Franz	Edmund Mottershead
Harriet Stella Gregory	Harold Algot Ohlgren
Howard Edwin Gustafson	Arthur Swasey Rusterholz
Ellen Dorothy Heine	Martha Anna Yukl

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 1936-1937 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.

All illness of contagious or infectious character, as well as emergency surgical cases, are transferred immediately to one of the hospitals in the city. Cases of prolonged or serious illness also are referred to a hospital under the attending physician's direction. The college is in no wise responsible for such hospital expense to the student.

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. Applicants for admission to the freshman class should remit \$5.00 with application. This is applied on tuition of the first semester.

†Tuition	Semester	\$75.00
General Fee	"	12.50

This charge covers appropriations for library, health service and student activities which include student publications and admission to home athletic contests.

Special Fees—

Biology 101, 102, 121, 122, 204 with laboratory, 301, 302, 304 with laboratory, 305	Semester	5.00
Biology 112, 204	"	2.00
*Chemistry 101-102, 103-104, 201, 202, 203, 204, 303-304, 305, 309-310, 311-312, 313, 331-332, 403-404	"	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 310	"	2.50
Speech 141, 441	"	1.00
Change of Course	"	1.00
Guarantee Fee (Dormitories)	"	2.50
Graduation		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.

Tuition of special student taking eleven hours or less is reckoned at \$6.00 a semester hour.

A fee of \$5.00 is charged for each course audited without credit.

Exchange will be charged on all out-of-town checks.

Tuition is not refunded 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 and room from the end of a two weeks' period following the beginning of illness according to the records of the college nurse. Board is charged to the nearest week-end after the beginning of illness.

There is no refund of the General Fee.

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

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 their 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 during 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
Bed linen furnished (optional), per semester	2.50

Kirk Hall—

Board, per semester, each person	90.00
Room rent, per semester, each person	45.00
Bed linen furnished (optional), per semester	2.50

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, 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, 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 cancel the reservation before the first day of September, 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.

The college has also a department of Student Aid, for assisting worthy and needy students in securing financial help. This aid is granted on a student-service contract in which the applicant agrees to perform certain service for the aid given. Application for this assistance should be made to the business office.

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 thruout 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, six credits.
 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, 220, 311 or 312, 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, each unit to count as three credits, or Psychology 310, 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: a minimum of 20 credits 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

GROUP I.

- | | | |
|------------|-----------|------------|
| 1. English | 3. German | 5. Latin |
| 2. French | 4. Greek | 6. Spanish |

GROUP II.

- | | | |
|---------------------------------------|---------------|--------------|
| 1. Economics and
Political Science | 3. History | 6. Religion |
| 2. Education | 4. Philosophy | 7. Sociology |
| | 5. Psychology | |

GROUP III.

- | | | |
|--------------|----------------|-----------------------------------|
| 1. Biology | 3. Geology | 6. Physical Education |
| 2. Chemistry | 4. Mathematics | 7. General Science
(Education) |
| | 5. Physics | |

GROUP IV.

- | | | |
|-------------------|----------|-----------|
| 1. History of Art | 2. Music | 3. Speech |
|-------------------|----------|-----------|

Restrictions on Choice

The following courses are not counted toward a major or minor: English 101-102, 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, Speech 141-142. 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	One subject from Group III
English 101-102, 3 hours	Elective
Foreign Language (to complete requirements), 3 or 4 hours	Personal Hygiene Physical Education

GROUPS II. AND IV.

Religion 101-102 or 105, 2 hours	One subject from Group III
English 101-102, 3 hours	One subject from Group II or IV
Foreign Language (to complete requirements), 3 or 4 hours	Personal Hygiene Physical Education

GROUP III.

Religion 101-102 or 105, 2 hours	Mathematics, 4 hours
English 101-102, 3 hours	One subject from Group III
Foreign Language (to complete requirements), 3 or 4 hours	Personal Hygiene Physical Education

The elective courses for the freshman year are:—

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

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.

Freshman Year	Sophomore Year	Junior Year
Inorganic Chemistry	Biology (General Zoology and Vertebrate Anatomy)	Organic Chemistry
English	Chemistry-Analysis	Histology and Human Physiology
German	German	Psychology and Philosophy
Mathematics	History or Social Science	Elective
Religion	Physics	
	Religion	

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.

Freshman Year	Sophomore Year
English	Public Speaking and Argumentation
Foreign Language	Foreign Language
Religion	Religion
Science	Sociology and Economics
History or Political Science	Psychology and Philosophy
Junior Year	Senior Year
Roman Law and Jurisprudence	International Law
English History	History
Debate and Oratory	Religion
Religion	Electives
Electives	

Social Work.—To meet the imperative needs of our present society and in full sympathy with the practical application of Christian principles to modern conditions, the pre-professional course leading to social work has been prepared. The under graduate sequence leads to a major in Sociology with supporting minors in

Psychology or Economics or Political Science. This sequence has been designed to meet the requirements for basic preparation as outlined by the American Association of Schools of Social Work.

The student with a professional career in view will find this sequence a solid foundation for his later special training. The following course is advised for students preparing for graduate training in Social Work.

Freshman Year

English
Foreign Language
Religion
Biology
History

Junior Year

Social Statistics
Criminology
Field of Social Work
Human Physiology

Electives:

Political Science
Psychology
Education
Elementary Group Work
English

Sophomore Year

Religion
Ethics
Sociology
Economics
Psychology
Genetics and Eugenics
American Government

Senior Year

The Family
Social Protection of the Child
Economics

Electives:

Economics
Political Science
History
English
Story Telling
Play Production

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, Speech 141-142.

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 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 sections 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 1936-1937.

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.

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.—

MR. BURROUGHS

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 101-102, 201, 202, 307-308, 309-310. A thesis is required. Other 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 Education 461, 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; 307-308, four credits; and 309, two credits.

101-102. General Inorganic Chemistry.—

MR. JONES AND MR. SHIFLETT

The course includes a thoro study of the principal elements and their compounds, their occurrence in nature and preparation 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 pre-medical and pre-dental students. Laboratory work on identification of cations and anions. Class room 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 pre-medical and pre-dental 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, BOGGS 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. Course 102 does not count toward a major or minor.

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. Open only to freshmen.

Second semester, two hours a week, two credits. Not offered 1936-1937.

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.
- 372. Marketing.—** MR. YOUNG
Principles, methods and problems of marketing, strategy of sales management; sales instruments, such as advertising, salesmanship, mail communications, credit policies and product planning; retail selling policies and problems.
Prerequisite, course 232. Second semester, three hours a week, three credits.
- 373. Business Finance.—** MR. MAIRS
The corporation and its financial structure; promotions; working 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. Alternates with Course 375.
- 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 1936-1937.

377. 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 companies, savings banks, Federal Reserve System, special government credit organizations and Bank of International Settlements; contemporary currency problems; foreign exchange.

Prerequisite, course 232. First semester, three hours a week, three credits.

404. Individual Course.— MR. YOUNG

Conferences and reports on individual research in the field of Economics.

Open to seniors of high rank with consent of instructor. Second semester, two credits.

The following courses of especial interest to students of Economics are Business English, English 307; Mathematics of Investment, Mathematics, 306; Commercial Law, Political Science 366; Public Finance, Political Science 341; Social Statistics, Sociology 325, International Economic Policies, Political Science 355.

B. Political Science**153R. American Government.—** MR. BOGGS

The structure and function of American governments in the national, state and local spheres, with special attention to non-governmental pressures and the current problems of politics.

Not open to juniors and seniors.

Either semester, five hours a week, five credits.

255. Comparative Government.— MR. BOGGS

A study of the five major European political systems, with emphasis upon governmental functions and political technics.

Prerequisite, course 153R. First semester, three hours a week, three credits.

256. World Politics.— MR. BOGGS

An introduction to international relations analyzed in terms of historical origins, institutional forms, dynamic forces, and future prospects, with special attention to interpretation of contemporary foreign policies.

Prerequisite, course 153R or History 102. Second semester, three hours a week, three credits.

- 341. Public Finance.**— MR. BOGGS
The history and theory of public revenues and expenditures taxation, budgets and public credit.
Prerequisite, course 153R or 232. First semester, three hours a week, three credits. Not offered 1936-1937.
- 349. The American Constitution.**— MR. BOGGS
Nature, formation and development of the Constitution; leading principles of constitutional practice, judicial review, the Supreme Court, recent controversies.
Prerequisite, course 153R. First semester, three hours a week, three credits. Not offered 1936-1937.
- 355. International Economic Relations.**— MR. BOGGS
A survey of trade and financial relations between nations from the political as well as from the purely economic point of view: international trade, trade barriers, monetary problems, raw materials, commercial diplomacy, economic nationalism.
Prerequisite, course 232 and 256 or consent of instructor. First semester, three hours a week, three credits.
- 357. Recent Political Theory.**— MR. BOGGS
A study of leading political ideas of recent times and today: democracy, individualism, proletarian theories, authoritarian doctrines, fascism, law and sovereignty.
Prerequisite, course 153R. First semester, three hours a week, three credits. Not offered 1936-1937.
- 364. International Law.**— MR. BOGGS
Sources and sanctions of international law, recognition, intervention, jurisdiction, nationality, diplomatic practice, treaties, non-hostile and hostile redress, neutrality, war.
Prerequisite, course 256. Second semester, three hours a week, three credits.
- 366. Commercial Law.**— MR. BOGGS
A general survey of legal principles affecting business relations and the conduct of commercial enterprises.
Prerequisite, course 232. Second semester, three hours a week, three credits.
- 451-452. Individual Course.**— MR. BOGGS
Seminars and reports based on individual work in selected fields of politics.
One year, one hour a week, four 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 requirements for the High School Standard General Certificate are as follows:

I. A major in an academic subject which is taught in high school.			
II. Educational Psychology.....	3	semester	hours
Principles of Teaching.....	3	"	"
A combination of			
a. Practice Teaching.....	6	"	"
b. Observation.....	6	"	"
c. Special Methods.....	6	"	"
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 completion 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 academic 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	<u>44 credits</u>

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 in the United States.—

The course deals with the European background of American Education and the development of educational institutions and the problems associated with them in America. The problems of secondary education receive special attention. 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. 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 equipment, 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.

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. The courses offered in 1935-1936 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 315 and 316. 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 fifteen 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. Not offered 1935-1936.

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.— MR. CORNELL

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.

- 465-466. Choral Conducting.**— MR. JOHNSON
 Technic and survey of materials.
 Prerequisite or co-requisite, concentration in choral music. One year, one hour a week, two credits.
- 467-468. Band and Orchestra Conducting.**— MR. JOHNSON
 Technic, instrumentation and survey of material.
 Prerequisite or co-requisite, concentration in band ensemble. One year, one hour a week, two credits.
- 469-470. Appreciation of Music.**— MR. JOHNSON
 Technic of the teaching of musical appreciation and survey of materials.
 Open only to students concentrating in Secondary School Music. One year, one hour a week, two credits.

English

PROFESSORS CLARK, DOTY, MAY, WARD, MISS RONEY
 AND MR. JERABEK

A major in English consists of at least 20 credits in Literary History and Criticism, including course 387-388 and one additional year of conference work. Course 403 may, however, be counted toward a major upon completion of Education 452. Students intending to teach English in secondary schools are advised to elect courses 267, 268, 351-352, and 359-360. Students looking forward to graduate study are advised to elect courses 267, 268, 353-354, 355, 356, 359-360, and 365-366.

A minor in English consists of at least twelve credits from courses numbered 200 or above, whether in Practical English, Literary History and Criticism, or Creative Reading and Writing. A teacher's minor includes courses 267, 268, and 403.

Attention is called to the following courses, which may be elected for two or three credits each semester, the additional credit being granted for independent work in conference: 267, 268, 293-294, 351-352, 359-360, 365-366 and 385-386.

A. Practical English

- 99R. Composition Essentials.**— MISS RONEY
 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, no credit.

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 99R, is required of all freshmen.

One year, three hours a week, six credits.

203-204. Newspaper Reporting.— MR. JERABEK

First semester: what news is, where news stories originate and the problems involved in obtaining stories. Extensive instruction and practice in the writing of all types of leads, straight news stories and features. Second semester: more difficult assignments. Each of the newspaper "runs" is examined carefully and the reporting of social affairs, conventions, speeches, interviews, sports, political events, etc., are described. The course concludes with a study of the law of the press. The best examples of all forms of journalistic writing are studied at first hand in the newspapers from twenty large cities in the United States.

Prerequisite, twenty-four credits or journalistic experience in high school and consent of the instructor. One year, two hours a week, four credits.

303. News Editing.— MR. JERABEK

Instruction and practice in editing news copy, writing headlines, evaluating news, and planning page layouts. Students learn to use both copyreader's and proofreader's standard symbols. Actual copy desk experience in the editing of desk manual material, *The Mac Weekly* copy, and wire news received over telegraph printer machines.

Prerequisite, English 204. First semester, one lecture and one two-hour laboratory period a week, two credits.

304. The Country Weekly.— MR. JERABEK

A general survey of the rural weekly press with special emphasis on editing. Most of the course will be devoted to rural correspondence and writing of "local" news. Several of the leading weekly newspapers in the country will be available for study.

Prerequisite, course 204. Second semester, two hours a week, two credits.

307R. Business English.—

MR. JERABEK

Designed chiefly for those who plan to enter business or teaching. Includes a discussion of the fundamentals of English as they bear upon words, sentences, paragraphs and letters. The establishment of credit, making of adjustments, sales and collections, and the principles and technic involved in the writing of all types of business letters, reports and advertisements, constitute the major part of the course work.

Prerequisite, English 102 and Economics 232. Either semester, two hours a week, two 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. Literary History and Criticism**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 or 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.
- 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.
- 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, 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.
- 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.
- 375-376. The English Novel.—** MISS MAY
 Its rise and development. First semester, Defoe to Scott; second semester, Dickens to the present.
 Prerequisite or collateral, course 267, 268. One year, two hours a week, four credits. Not offered 1936-1937.

385, 386. Contemporary British Literature.— MISS MAY

Studies in literary history and appreciation. Established British authors whose work was published mainly after 1870 are 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.

387-388. Junior Conference.—

THE STAFF

A weekly meeting of all juniors whose major is English. Papers prepared in other courses are read and discussed. Credit is 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.

C. Creative Reading and Writing**291, 292. Studies in the Short Story.—**

MR. CLARK

Reading and study of the greatest short stories of modern times. A careful study of the craftsmanship of short story writing is made and the students are given opportunity to write stories and have the benefit of class criticism.

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

293-294. Studies in the Essay.—

MR. CLARK

A thoro study is made of the great essay writers of the 19th century, especially Carlyle, Emerson, Ruskin, Arnold, Newman, and Huxley. One hour a week is reserved for creative work by students who desire it. The purpose of the course is to furnish content for original thinking and discussion and guided training in the art of writing the essay.

Prerequisite, course 102. One year, two hours a week, four to six credits. The two additional credits are assigned to students who complete the work in essay-writing. Not offered 1936-1937.

391, 392. Studies in Nineteenth Century Poetry.—MR. CLARK

The poets studied the first semester are: Wordsworth, Coleridge, Shelley, Keats, Scott, and Byron. In the second semester chief emphasis is placed upon Browning and Tennyson. In this

course, poetry is studied as a window through which we may see life. Comparison and contrast are made between poetry and the other arts: architecture, painting, sculpture, music and drama.

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

393-394. Studies in World Masterpieces.— MR. CLARK

A study of the greatest writers of all ages and of all nations, including Homer, Aeschylus, Sophocles, Dante, Shakespeare and Goethe. An intensive study is made of the *Book of Job*, *The Odyssey*, *The Divine Comedy*, *The Tempest* and *Faust*.

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

395, 396. 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 292 or 294. One year, one or two hours a week two to six credits.

French

PROFESSORS FICKEN, SUNDHEIM AND KEATING

A major in French must include courses 301-302, 303-304 and 333 or equivalents approved by the department. An equivalent of course 333 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 and 333 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.— 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
 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, intensive drill in pronunciation, weekly conference with the instructor and individual use of the phonograph for corrective purposes. The second semester is devoted primarily to conversation and presentation of plays. Should be taken before the senior year. Speech 141 and, if possible, 441 should precede or parallel this course.
 Prerequisite for course 304 is course 303 and satisfactory rating in grammar placement test. One year, three hours a week, four credits.
- 313. Eighteenth Century Prose.**— MR. KEATING
 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 1936-1937.
- 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 and Musset. The romantic drama is included in course 322.
 First semester, three hours a week, three credits. Not offered 1936-1937.
- 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 1936-1937.

- 321. Seventeenth Century Drama.**— MR. KEATING
 Corneille, Racine and Moliere with particular emphasis on the latter.
 First semester, three hours a week, three credits. Not offered 1936-1937.
- 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.
- 333. French Composition.**— MISS SUNDHEIM
 A review course, primarily for seniors who intend to teach French.
 First semester, three hours a week, three credits.
- 405R. Individual Course.**—
 By special arrangement with the department advanced students may undertake individual projects in courses not currently offered.
 Hours and credits to be arranged.
- Teachers' Course.**—
 See Education 453-454.

Geology

PROFESSOR ALEXANDER

A major in the department consists of twenty-three credits in Geology, including course 401. Other courses recommended for a Geology major are: Biology 102, Chemistry 102, or Physics 202.

101-102. General Geology.—

First semester: a study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced. Second semester: a study of 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, two lectures, one recitation, one two-hour laboratory period, eight credits. Field work as assigned. Biology majors are permitted to take course 102 without laboratory for three credits.

104. Physical Geology.—

This course is the same as 101 without the laboratory work. It may be made the equivalent of 101 by completing the required laboratory work of that course.

Second semester, three hours a week, three 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 two two-hour laboratory periods a week, three credits.

202. Petrology.—

A study of the origin, occurrence, classification, alteration, and use of the most common and important rocks.

Prerequisite, course 201. Second semester, one lecture and two two-hour laboratory periods a week, three credits.

303. Vertebrate Paleontology.—

A study of the origin and development of the ancestral mammals and their relation to the other living and extinct groups.

Prerequisite, course 102 or Biology 102. First semester, three hours a week, three credits.

304. Regional Geology.—

This course is given to introduce the student to the principles involved in the study of advanced general geology, and to offer the local student an opportunity to become better acquainted with the interesting and important geology of the region in which he lives. The topography, structure, and geologic history of Minnesota and Wisconsin together with some of the contiguous territory are studied.

Prerequisite, course 102. Second semester, two lectures and one laboratory or field period per week, three credits.

306. Economic Geology.—

A study of the origin and occurrence of most important geologic products of the earth. The time is given largely to the useful metals, coal, oil and gas, soil, and the building materials.

Prerequisite, course 102. Second semester, three hours a week, three 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 in carrying on investigation. Detailed maps and reports are required.

Prerequisite, 11 credits in Geology. Either semester, or one year, two to four credits.

German

PROFESSORS MILROY AND SCHULTZ AND MR. CARLETON
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, MISS SCHULTZ AND MR. CARLETON
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.

- 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 1936-1937.

- 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, vocabulary, 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 1936-1937.

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: Economics 231-232; Political Science 153R, 255.

A major includes courses 101-102 and 203, 204; either 301, 302 or 307, 308.

A minor consists of fifteen credit hours and should include courses 101-102 or 201, 202 and 203, 204.

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; when taken by juniors or seniors half credit is allowed.

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 thruout 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.

301. Ancient Civilization.—

MR. HOLMES

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

Prerequisite, fifty-four credits. First semester, three hours a week, three credits. Alternating with course 307.

302. Medieval Civilization.—

MR. HOLMES

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

Prerequisite, fifty-four credits. Second semester, three hours a week, three credits. Alternating with course 308.

307, 308. Europe, 1789-1914.—

MR. HOLMES

An intensive study intended to acquaint students with the development of political, social and economic forces in recent European history. During the second semester emphasis will be placed on the period since 1871.

Prerequisite, fifty-four credits, including course 101-102. One year, three hours a week, six credits. Alternating with courses 301, 302. Not offered 1936-1937.

309, 310. Europe Since 1914.—

MR. HOLMES

The purpose of this course is to facilitate an understanding of current developments which concern Europe.

Prerequisite, fifty-four credits. One year, two hours a week, four credits.

311, 312. American Foreign Policies and Relations.—

MR. MACGREGOR

In this course the foreign policies of the United States are studied in relation to the nations of Hispanic-America and the Far East.

Prerequisite, fifty-four credits including either History 203 and 204 or 307 and 308, or Political Science 153R or 255 and 256. One year, two hours a week, four to six credits. Alternating with course 313, 314. Not offered 1936-1937.

313, 314. Recent American History.—

MR. MACGREGOR

In this course an intensive study is made concerning phases of American history since 1865.

Prerequisite, fifty-four credits, including History 203 and 204 or English 351 and 352. One year, two hours a week, four or six credits. Alternating with course 311, 312.

315. Representative Americans.—

MR. MACGREGOR

This course is devoted to the study of outstanding biographies of representative Americans.

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.

401, 402. Individual Course.—

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. Hours and credits to be arranged.

Teachers' Course.—See Education 456.

History of Art

PROFESSOR KELSO

101R-102R. 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.

201R-202R. Italian Art.—

First semester: the works of Giotto and the masters of the fourteenth and fifteenth centuries. Second semester: Leonardo da Vinci, Raphael, Michel Angelo, Giorgione, Titian, Correggio.

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.

207R-208R. 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 or its equivalent and Education 458, 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 History 301, History of Art 205, Philosophy 311 and English 359-360.

101-102. Elementary Latin and Caesar.—

A thoro 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.

212. Roman Private Life.—

A course designed primarily to provide background for the teaching of Latin or Ancient History.

Prerequisite, twenty-four credits or permission of instructor. Second semester, two hours a week, two or three credits. Not offered 1936-1937.

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.

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. Not offered 1936-1937.

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.

309. Advanced Composition.—

A thoro 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. Not offered 1936-1937.

312. 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 1936-1937.

314. Medieval Latin.—

A rapid reading course to develop reading speed and vocabulary.

Prerequisite, four years of high school Latin or course 202. Second semester, three hours a week, three credits. Not offered 1936-1937.

324. Horace.—

Selections from the whole of Horace's works.

Prerequisite, fifty-four credits and one 300 course. Second semester, three hours a week, three credits.

325. 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 1936-1937.

327. Writers of the Silver Age.—

Selections from Tacitus and Pliny the Younger, along with a study of the history of that period.

Prerequisite, fifty-four credits and two 300 courses. First semester, three hours a week, three credits.

Teachers' Course.—See Education 458.

Mathematics and Astronomy

PROFESSORS KINGERY AND JENSEN

Courses 101 and 102 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. JENSEN

This course is for those who present only two units in high school mathematics.

One year, four hours a week, eight credits.

201-202. Analysis.—

MR. KINGERY AND MR. JENSEN

A course in College Algebra, Trigonometry and Analytic Geometry. Methods of calculus are introduced.

One year, four hours a week, eight credits.

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.—

This course is listed as Physics 304.

Prerequisite, courses 302 and Physics 202. Second semester, three hours a week, three credits. Not offered 1936-1937.

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.

Teachers' Course.—See Education 459.

Music

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.

Requirements for a Major in Music:

1. **Theory and Literature** of Music:

	Required		Elective
First year . . .	Course 101-102	4 credits	
	Course 103-104	2 credits	
Second year . . .	Course 201-202	4 credits	
	Course 203-204	6 credits	
Third year . . .	Course 301-302	4 credits	Course 303-304 4 credits
	Course 307-308	4 credits	
Fourth year . . .			Course 305-306 4 or 8 credits
			Course 309-310 2 credits

2. **Applied Music.** In addition to the above a minimum of six credits is required in any one of the following branches elected:

Piano	Cello	Trumpet
Organ	Clarinet	Choral music
Voice	Flute	Band ensemble
Violin	Horn	String ensemble

Composition may be elected in lieu of applied music. In such case, eight credits in course 305-306 are required.

Special requirement for a major—Physics 101-102.

Music Education:

A certificate in **Secondary School Music** may be attained in the senior year:

(a) By addition to a major with concentration in **Choral Music** of:

Education 465-466	2 credits
Education 469-470	2 credits

or—

(b) By addition to a major with concentration in **Band Ensemble** of:

Education 467-468	2 credits
Education 469-470	2 credits

Special requirements for a certificate in **Secondary School Music**

(a) Voice	One year
Piano	Sophomore proficiency
(b) Orchestral strings	One year

Requirements for a Minor in Music:

1. **Theory and Literature** of Music:

First year	Course 101-102	4 credits	Second year	Course 203-204	6 credits
year	Course 103-104	2 credits	year		

2. **Applied Music.** A minimum of four credits is required in any one of the branches listed under "Applied Music" in the statement of requirements for a major.

COURSES OF STUDY

1. THEORY AND LITERATURE OF 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.
- 201-202. Advanced Harmony.—** MR. JENSEN
Prerequisite, course 102. One year, two hours a week, four credits.
- 203-204. History of Music.—** MR. JENSEN
One year, three hours a week, six credits.
- 301. Harmonic Analysis.—** MR. JENSEN
Prerequisite, course 202 or permission of instructor. First semester, two hours a week, two credits.
- 302. Form; Homophonic, Polyphonic.—** MR. JENSEN
Prerequisite, course 301, or permission of instructor. Second semester, two hours a week, two credits.
- 303-304. Counterpoint.—** MR. JENSEN
Prerequisite, course 202, or permission of instructor. One year, two hours a week, four credits.
- 305-306. Composition.—** MR. JENSEN
Prerequisite, courses 302 and 304. One year, two or four hours a week, four or eight credits.
- 307-308. Musical Literature of the Eighteenth and Nineteenth Centuries.—** MR. JENSEN
Prerequisite, course 204. One year, two hours a week, four credits.
- 309. Harmony of the Twentieth Century.—** MR. JENSEN
Prerequisite, course 301. First semester, one hour a week, one credit.
- 310. Musical Literature of the Twentieth Century.—** MR. JENSEN
Prerequisite, course 309. Second semester, one hour a week, one credit.

2. APPLIED MUSIC:

- 105-106. Choral Music.—** MR. JENSEN
Membership of the class selective and limited. Vocal test required. Subject matter will change from year to year, and the course may be repeated from year to year with credit. Membership of this class constitutes the Macalester Oratorio Choir.
One year, three hours a week, two credits.

107-108. Band Ensemble.— MR. JOHNSON

Subject matter will change from year to year, and the course may be repeated from year to year with credit. Membership of this class constitutes the Macalester College Band.

One year, three hours a week, two credits.

311-312. Orchestral Strings.— MISS HARRIS

Open only to students concentrating in Secondary School Music.

One year, one hour a week, no credit.

Individual Instruction.—

Piano	Violin	Flute	} Each, one period a week, one credit a semester.
Organ	Cello	Horn	
Voice	Clarinet	Trumpet	

3. Music Education:**405-406. Normal Training in Piano.—**

One year, two hours a week, four credits.

Teacher's Courses in Secondary School Music.—

See Education 465-466, 467-468, 469-470.

For further information concerning the Conservatory of Music refer to pages 91-97 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 of Morals 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.

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.

315. Epistemology.—

This course aims to introduce the student to the problems of the nature of knowledge and of the possibility of knowledge of the ways of knowing.

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. Not offered 1936-1937.

403, 404. Individual Course.—

The student selects a topic for intensive study under the guidance of the instructor.

Prerequisite, ninety credits and approval of the instructor. One or two credits a semester.

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 of the Conservatory of Music, but open to all students. Part of the first semester is devoted to a summary of principles of physics. The remaining time is given to a detailed study of sound, including oscillographic analysis of tone. Students will be given fundamental experiments in sound thruout 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 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 tested. Work with the laboratory's short wave transmitter is included in the course.

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 particles, and in thermodynamics to the theory of reversible changes. About thirty experiments are performed. Some of the subjects covered by them are harmonic motion, motion of projectiles, moment of inertia, viscosity, specific heat 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, concave 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. Not offered 1936-1937.

351-352. Atomic Physics.—

A survey of the developments in modern atomic 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 atomic spectra, the periodic system, radioactivity, relativity and astro-physical measurements.

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. May be counted toward a major or minor if student's grade is B or better.

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

305. The Psychology of Childhood.—

A careful study based upon lectures, textbook and observation and report on individual children, with emphasis placed upon heredity and family adjustments, mental and emotional development and guidance toward a wholesome personality.

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

306. The Psychology of Adolescence.—

Physiological, mental and social phases of the adolescent period, conflicts and typical reactions, the growth of appreciation, motivation, interests, morals and religion. Especially intended for those planning to lead or teach adolescent groups.

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

307. Applied Psychology.—

Practical applications of psychology to major fields of human activity, such as law, medicine, education, business and industry, together with its relation to personal efficiency and vocational choice.

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

310. 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 and consent of instructor. Second semester, one lecture and two laboratory periods a week, three credits.

313. Personality and Mental Hygiene.—

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, fifty-four credits, including six in Psychology. 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.

Prerequisite, fifty-four credits, including courses 201 and 313. Second semester, three hours a week, three credits.

401, 402. Individual Course.—

First semester: A study of the growth of modern psychology, contemporary schools and workers in the field, for seniors with a major in the department, planning further study.

Second semester: A study of special problems, for students desiring to continue investigations begun in the regular courses or to carry on individual research in the field of their vocational choice.

Prerequisite, ninety credits and consent of the instructor. Two hours a week, two credits a semester.

Other courses for which credit is given in this department are: Education 201, Religion 336 and Sociology 301. Not more than two of these courses may be counted toward a major in Psychology and not more than one of them toward a minor.

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 342. 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 Jesus of History.— MR. KAGIN

This is a short course in the life of Jesus. It begins with a survey of the social, political, moral and religious conditions which Jesus faced and proceeds with a careful study of the major events in his life and his outstanding teachings.

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

A study of the various types of literature in the Bible. First semester: History, Story and Prophecy. Second semester: Poetry, Drama, and Wisdom Literature.

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.

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 205R, 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

PROFESSORS CORNELL AND KOONTZ

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.

The following foundation courses and their prerequisites are basic requirements in addition to a major in Sociology leading toward training in Social Work:—Biology 303, Economics 232, Political Science 153R, Psychology 314. Recommended additional courses in Sociology and in other departments to supplement requirements are:—Sociology 251, Group Work; Sociology 302, Social Pathology; Biology 204; Economics 339; Education 201R; Psychology 305, 306. Speech 245 and 441-442 are recommended for students interested in group work.

201R. Introductory Sociology.—

MR. CORNELL

The origin and development of human culture. A consideration of the role of personality, population, social institutions, interactional processes and the prospects of social control.

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

251-252. Elements of Group Work.—

MRS. KOONTZ

A non-technical course for those students interested in group leadership including a study of the basic principles and theory of group work, and the functions of the group leader, with an analysis of types of leadership. Structure and functions of group working agencies are considered, and the methods of program building are discussed. Attention is given to the mechanics of attendance and group records.

Prerequisites, fifty-four credits, plus the requirement of concurrent, active participation as leader of a group in the community. One year, two hours a week, four credits.

301. Social Psychology.—

MR. CORNELL

A study of human nature as a result of the interaction between the organic and social processes. A consideration of social behavior in terms of prejudice, fashion, crowd behavior, leadership, propaganda and public opinion.

Prerequisite, Psychology 201 and Sociology 201. First semester, three hours a week, three credits. Offered 1936-1937.

- 302. Social Pathology.—** MR. CORNELL
A consideration of some of the major problems of personal and social maladjustment and disorganization, including the pathology of the individual, domestic and economic relations, and social organization. Causes, processes, effects, and scientific control.
Prerequisite, course 201. Second semester, three hours a week, three credits.
- 303. Criminology.—** MR. CORNELL
Crime in historical perspective and as a phase of the cultural situation; the significance of the shift from primary to secondary group life for criminal behavior; the possibility of social inventions and new controls in the light of scientifically determined causative factors. Juvenile delinquency and penological problems are considered, with appropriate field trips.
Prerequisite, course 201. First semester, three hours a week, three credits. Alternates with 301. Not offered 1936-1937.
- 305. Modern Cities.—** MR. CORNELL
The rise of the urban community; ecological study of the personality and social behavior in the urban milieu; institutional aspects; social control and social planning in the city.
Prerequisite, course 201. Second semester, three hours a week, three credits. Offered 1936-1937.
- 308. The Family and Marriage.—** MR. CORNELL
The origins, development, and functions of marriage and family life; modern social and economic changes and family disorganization; American marriage and family relationships; theoretical and personal problems.
Prerequisite, course 201. Second semester, three hours a week, three credits.
- 309. The Rural Community.—** MR. CORNELL
The study of rural society: Its organization and relations; its people, the rural personality; rural social institutions; rural-urban relations; the future of rural culture.
Prerequisite, course 201. First semester, three hours a week, three credits. Alternates with 305. Not offered 1936-1937.
- 325. Social Statistics.—** MRS. KOONTZ
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 of probability and error, correlation and graphic presentation are considered. Selected statistical studies in the fields of sociology, social work, economics, and public health are critically examined and practice problems assigned.
Prerequisite, fifty-four credits and foundation courses. First semester, four hours a week, four credits.

351R. Field of Social Work.—

MRS. KOONTZ

An orientation course presenting a general view of the field of social work, and including a field survey of the existing social agencies in Minnesota with particular reference to Ramsey and Hennepin counties. Designed not only for the pre-professional student in social work, but for students in the fields of education, religion, and other allied professional fields in which a knowledge of the social resources of a community is an asset. Field trips supplement class lectures.

Prerequisite, Sociology 302 and foundation courses. Either semester, two hours class and two hours field work a week, three credits.

356. Social Protection of the Child.—

MRS. KOONTZ

A general study of the social problems of childhood with a consideration of the means by which society is meeting the problems of conservation of child life, child health, child training anti-social behavior, illegitimacy, subnormality, dependency and child labor.

Prerequisites, ninety credits and course 351 or consent of instructor. Second semester, three hours a week, three credits.

Teachers' Course.—

MR. CORNELL

See Education 464.

Spanish

PROFESSOR KEATING

Course 101-102 not counted toward a 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. Not offered 1936-1937.

301, 302. Survey of Spanish Literature.—

A study of Spanish literature from the Poema del Cid to modern times, with special emphasis on the Golden Age. Lectures, reading of representative works and reports.

One year, three hours a week, six credits. Not offered 1936-1937.

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.

304. The Modern Spanish Novel.—

Mainly a study of the Novel of the 19th century.

Second 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. Not offered 1936-1937.

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 1936-1937.

315, 316. Phonetics and Conversation.—

A scientific study of pronunciation and oral expression. Intensive drill in pronunciation with individual use of the phonograph for corrective purposes. The second semester is devoted primarily to conversation and oral reports.

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

405R. Individual Course.—

By special arrangement with the department advanced students may undertake individual projects in subjects not regularly offered. Hours and credits to be arranged.

Teachers' Course.—

See Education 453-454.

Speech

PROFESSORS WHITRIDGE, CLARK, OWEN AND MR. LEVANDER

The aim of this department is to help the student find himself and then adjust himself to social environment through speech and dramatic art; to correct voice faults, stimulate self expression and develop mental acumen.

To further these aims opportunity is given students in the department to develop social consciousness thru monthly formal receptions at which programs are presented including plays, reading, extemporaneous speaking, formal and informal discussions.

A major in speech may consist of 17 hours in Interpretation and 6 in Debate and Oratory or 12 hours in Debate and Oratory and 8 hours in Interpretation.

Course 141-142 is not counted toward a major or minor.

English 386 is required as a supporting course for a major in Interpretation.

141-142. Fundamentals.—

MISS OWEN

Fundamental principles underlying speech and interpretation. Origin and development of speech. Speech mechanics. Psychology of speech as related to social behavior and mental hygiene. Speeches: principles, types, kinds. Emphasis on breath control, diction, contact, poise and platform work that speech may become a habit skill.

One year, three hours a week, six credits.

144. Speech Improvement.—

MISS OWEN

Fundamental course in speech correction, study of voice and speech mechanism. Phonetics and standards of pronunciation. Practice in ear training.

Second semester, two hours a week, two credits.

A. Debate and Oratory

211. Argumentation and Debate.—

MR. LEVANDER

Intensive study is made of the principles of argumentation. Practical applications illustrating these principles are stressed. Analysis, elementary logic, briefing, arrangement, and developing the argument are given thoro consideration. Effective presentation is emphasized but clear thinking is made the dominant element.

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

212. Argumentation and Debate.— MR. LEVANDER

This is a continuation of course 211 with special emphasis on the application to actual speeches of the principles learned the first semester. Applied logic, skill in intercollegiate debating and persuasion are made a substantial part of the course. Recommended especially for pre-law students and intercollegiate debaters.

Prerequisite, course 211. Second semester, three hours a week, three credits.

214. Debate Conference.— MR. LEVANDER

A specialized study is made of one or two questions selected for inter-collegiate debate. Library reading, discussions, team meetings, practice debates, briefs and intercollegiate contests are a part of the course. This course takes a great deal of time and should be attempted only by those who can meet the requirements. It may be repeated for additional credit.

Prerequisite, course 142. Second semester, two credits.

302. Extempore Speaking.— MR. CLARK AND MR. LEVANDER

This course is devoted to a study of the gathering of material and its organization, speech construction and delivery. The student is required to gather material and outline speeches on a variety of subjects. The purpose of the course is to give the student a fund of topics upon which he can speak and a knowledge of how to present them effectively so that the necessity of his speaking entirely impromptu will be minimized.

Prerequisite, course 142. Second semester, three hours a week, three credits.

303. Speech Rhetoric.— MR. LEVANDER

A study of advanced principles of speech composition and delivery. The psychology of the audience is thoroly considered. Great speakers and their speeches are studied. Those interested in oratory are advised to take this course.

Prerequisite, course 212. First semester, three hours a week, three credits.

403R. Oratory Conference.— MR. LEVANDER

Preparation and work on delivery of orations for intercollegiate contests is the major part of the course. The course is largely individual work with private conferences with the instructor for advice and suggestions. Open to college orators only.

Prerequisite, course 303 or consent of the instructor. Either semester, two credits.

B. Interpretation and Dramatic Art

- 241-242. Interpretation.**— MISS WHITRIDGE
 Technics of interpretation. Literature studied with reference to physical and vocal interpretation. Reading. Analysis of emotions. Pantomime, improvisation. Adaptation of the poem, the short story and the play for platform use. Students in this course have opportunity for practical experience.
 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 study of religious drama including Biblical drama with reference to the development and discipline of the creative, imaginative and emotional life of the student. Principles underlying religious drama and the technic of presentation in churches and guild halls.
 Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.
- 343-344. Shakespeare, Modern Drama and Prose.**— 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.
- 346. History of the Theater.**— MISS OWEN
 History of the drama and the theater from the ritualistic dances to the modern stage production.
 Second semester, two hours a week, two credits.
- 441-442. Theory and Practice of Acting.**— MISS WHITRIDGE
 Make-up, stage equipment, organization, management. Making of stage models, building, painting and lighting scenery. Students in this course are required to participate in productions and coach one play for public production.
 Prerequisites, course 142 and English 386. One year, three hours a week, six credits.
- 443. Individual Course.**— MISS WHITRIDGE AND MISS OWEN
 Open to students in Speech and Interpretation who wish to do advanced work not offered in regular courses.
 One credit.

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.—

MR. GOWANS

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: volley ball, 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
CARL F. GUGGISBERG, Voice
HELEN HARRIS, Violin
SADIE GINGOLD HENLY, Piano
MARY EDITH HUGHES, Expression, Dancing
HOLLIS JOHNSON, Clarinet, Band
JAMES MESSEAS, Cello, Ensemble
ANNE McCLOUD PIERCE, Voice
DORA S. SCHAETTGEN, Piano
HARRIET SCHAFFNER, 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 30 and 31 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 thirty. A minor in music requires a minimum of sixteen credits. For detailed statement of requirements see page 69.

Diploma of the Conservatory.—This diploma is attainable on completion of the following requirements:

1. All courses offered in the **Theory** and **Literature** of music, with the exception of 305-306.
2. Senior grade of proficiency in any single branch of applied music.
3. Two public recitals, in the junior and senior years, respectively.
4. Physics 101-102.

In addition, 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.

Requirements for the Bachelor of Music Degree

General Academic Requirements—

English 101-102.....	6 credits	Religion.....	8 credits
One year of French, or in lieu thereof two units of high school French.		Philosophy 205.....	3 credits
One year of German, or in lieu thereof two units of high school German.		History 101-102.....	6 credits
		Psychology 201.....	3 credits
		Physics 101-102.....	6 credits
		Art 101-102.....	4 credits

Musical Requirements—

	First Year	Second Year	Third Year	Fourth Year
1. In the theory and literature of music	101-102. 4 103-104. 2	201-202. 4 203-204. 6	301-302.....4 303-304.....4 307-308.....4	305-306.....4 309-310.....2 Orchestration..4 Thesis.....2
2. In applied music				
(a) For Piano	Piano...4 Voice...2 Choir...2	Piano...4 Recital..2 Choir...2	Piano.....4 Recital.....2 Accompanying..1 Transposition..1 Keyboard harmonization..1 Sight reading...1	Piano.....4 Recital.....2 Ensemble.....1 Transposition..1 Improvisation..1 Sight reading...1
(b) For Organ	Organ...4 Voice...2 Choir...2	Organ...4 Recital..2 Choir...2	Organ.....4 Recital.....2 Choir.....2 Accompanying..1 Transposition..1 Keyboard harmonization..1 Sight reading...1	Organ.....4 Recital.....2 Accompanying..1 Transposition..1 Improvisation..1 Sight reading...1
(c) For Voice	Voice...4 Piano...2 Choir...2	Voice...4 Recital..2 Piano...2 Choir...2	Voice.....4 Recital.....2 Choir.....2 Accompanying..1 Sight reading...1	Voice.....4 Recital.....2 Choir.....2 Accompanying..1 Sight reading...1
(d) For Violin	Violin...4 Piano...2 Band...2	Violin...4 Recital..2 Piano...2 Band...2	Violin.....4 Recital.....2 Accompanying..1 Sight reading...1 Band.....2	Violin.....4 Recital.....2 String ensemble 1 Sight reading...1 Band.....2
3. In Music Education				Fourth Year
(a) For Piano.....				405-406.....4
(b) For Organ.....				Education 465-466..2
(c) For Voice.....				Education 465-466..2
(d) For Violin.....				Education 467-468..2

Certificate of the Conservatory in Piano Normal. This certificate is attainable on completion of the following requirements:

1. All courses in the **Theory and Literature** of music, required for a College major.
2. Senior grade of proficiency in Piano.
3. **Music Education** 405-406.

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

For complete list of subjects offered at the Conservatory see pages 70-71.

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, Guilman, 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.

Intermediate Grade.—Sevcik, Op. 7, Books I and II; Op. 2, Books I and III. Scales. Bytovetzky. Studies, Wolfhart, Kayser, Mazas I. Easy pieces, Home Circle No. 37. The same in positions 42, 43. Concertos, Home Circle I. Seitz I, 3, 4. Dancla Op. 89 Six Airs. Duos, Pleyel Op. 48.

Junior Grade.—Sevcik, 40 Variations, Hrmali scales, Mazas Book II, Kreutzer, Fiorillo, Duos, Pleyel Op. 23 and 24. Concertos. de Beriot, 9 and 7. Scene de Ballet. Rode 8, 7. Viotti 23.

Senior Grade.—Halir Scales, Casorti bowings, Studies Rode 24. Gavines, Dont Op. 35, Bach Sonatas, Concertos, Spohr 8. 2. Bruch, Mendelssohn, Viotti 22. Mozart, Wieniawsky, Vieuxtemps, 5. 4, Beethoven, Tchaikowsky, Ernst, Paginini, etc.

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 Musicales of Minneapolis is open to students, and there are frequent 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 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.

Schedule of Tuition and Other Fees:

In the Theory and Literature of Music, all courses, by credit hour.....	\$6.00
In all branches of Applied Music, except courses 105-106, 107-108, 311-312.....	According to Instructor
In Music Education, courses 405-406, by credit hour.....	\$ 6.00
Junior Certificate courses in Piano:	
Class instruction, by the semester.....	13.50
Private instruction, by the semester.....	22.50
Practice room rental, one hour daily, by the semester.....	8.00
Organ rental, by the hour.....	.40
Conservatory graduation.....	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

- 1901: D. D. to Rev. Charles Thayer, Ph. D. Deceased
 D. D. to Rev. George W. Davis, Ph. D. . . . St. Paul, Minn.
- 1902: D. D. to Rev. H. F. Stilwell St. Paul, Minn.
 D. D. to Rev. J. Le Moyne Danner Deceased
 LL. D. to Hon. Thomas Wilson Deceased
- 1903: D. D. to Rev. Joseph Cochran, Macalester, '89
 Paris, France
- 1904: D. D. to Rev. Stanley B. Roberts Deceased
 M. A. to Myron A. Clark, '90 Deceased
- 1905: D. D. to Rev. Charles F. Hubbard Carpinteria, Cal.
- 1906: D. D. to Rev. Donald D. McKay Hastings, Neb.
- 1907: D. D. to Rev. Archibald Cardle, Macalester, '94
 Burlington, Iowa
- 1910: D. D. to Rev. Charles T. Burnley Deceased
 D. D. to Rev. Alfred E. Driscoll Grand Rapids, Mich.
 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.
- 1911: D. D. to Rev. Charles Allen Clark, Macalester, '99
 Pyeng Yang, Korea
 LL. D. to Rev. Albert Brainerd Marshall, D. D.
 Deceased
 LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
 Chicago, Ill.
- 1914: D. D. to Rev. George Ewing Davies Tarentum, Pa.
 D. D. to Rev. Joseph Carle Robinson Deceased
 LL. D. to Hon. James Jerome Hill Deceased
- 1915: Litt. D. to Rev. John Wright Deceased
 D. D. to Rev. William C. Laube, '01 Dubuque, Ia.
- 1916: Mus. M. to Harry Phillips Deceased
 Mus. M. to George H. Fairclough St. Paul, Minn.

- 1918: D. D. to Rev. Asa John Ferry.....Wichita, Kansas
 D. D. to Rev. James B. Lyle.....Turtle Creek, Pa.
 D. D. to Rev. T. Ross Paden.....Deceased
 D. D. to Rev. Benjamin Bunn Royer.....Franklin, Pa.
- 1919: LL. D. to Rev. Dwight Witherspoon Wylie, New York City
- 1920: D. D. to Rev. Paul Doeltz.....Philippines
 D. D. to Rev. Thomas W. Graham.....Oberlin, Ohio
- 1921: D. D. to Rev. Peter Erickson.....Seattle, Wash.
 D. D. to Rev. Thomas M. Findley.....Deceased
- 1923: D. D. to Rev. Crawford McKibbin.....St. Paul, Minn.
 D. D. to Rev. Charles Petran.....Minneapolis, Minn.
 D. D. to James Wallace, Ph. D.....St. Paul, Minn.
- 1924: D. D. to Rev. James E. Detweiler.....St. Louis, Mo.
 D. D. to Rev. David A. Thompson.....Deceased
- 1925: D. D. to Rev. Frank Harvey Throop.....Columbus, O.
- 1926: D. D. to Rev. John Harvey Lee.....Germantown, Pa.
 D. Sc. to Prof. R. U. Jones.....St. Paul, Minn.
- 1928: D. D. to Rev. Carl Wadsworth Scovel.....Deceased
- 1929: D. D. to Rev. George Clements Edson.....Waynesburg, Pa.
- 1930: LL. D. to Rev. William Figley Weir, D. D.....Chicago, Ill.
- 1932: LL. D. to George D. Dayton.....Minneapolis, Minn.
- 1933: LL. D. to Rev. Barclay Acheson.....New York City
 D. D. to Rev. William Jefferson Bell.....St. Paul, Minn.
 LL. D. to Rev. Harold McAfee Robinson, D. D.....
Philadelphia, Pa.
- 1934: LL. D. to George Rowland Collins.....New York City
- 1935: D. D. to Rev. James H. Nicol.....Beirut, Syria

Roll of Students

Senior Class

Victor Herman Andersen	Minneapolis, Minn.
Mary Jane Atcheson	St. Paul, Minn.
Dorsey Ellen Barnes	Jackson, Minn.
Mary Elizabeth Bell	St. Paul, Minn.
Katherine Isabelle Bergeson	Virginia, Minn.
Myrtle Anna Katherine Blad	Minneapolis, Minn.
Stephen Gilbert Borstad	St. Paul, Minn.
Roger William Briar	St. Paul, Minn.
Martha Virginia Broom	Minneapolis, Minn.
Mary Elizabeth Caldwell	St. Paul, Minn.
Mary Elizabeth Calhoun	Albert Lea, Minn.
Beryl Devine Clapp	St. Paul, Minn.
Katherine Louise Colson	Wadena, Minn.
Ward Ray Conklin	St. Paul, Minn.
Nordland Knute Dahlen	Minneapolis, Minn.
Harland Menno DeBoer	St. Paul, Minn.
Marietta Louise Dedolph	St. Paul, Minn.
Elizabeth Drake	Minneapolis, Minn.
Archie Duncan	St. Paul, Minn.
Nathan Felix Esselstrom	Wentworth, Wis.
Margaret Victoria Ferre	Springfield, Mass.
George William Flad	St. Paul, Minn.
Ella Sue Franz	Mountain Lake, Minn.
Milton Halsted Gates	St. Paul, Minn.
Vernes Frank Grafstrom	North Branch, Minn.
Howard Edwin Gustafson	St. Paul, Minn.
Ruth Elizabeth Halvorson	St. Paul, Minn.
Edwin Friedman Harris	St. Paul, Minn.
Ellen Dorothy Heine	Wheaton, Minn.
Adelaide Caroline Hill	St. Paul, Minn.
David Franke Hobart	St. Louis Park, Minn.
Miriam Gove Hobart	St. Louis Park, Minn.
Adolph William Holt	North Branch, Minn.
Cora Tonetta Horton	Alexander, N. D.
Evelyn Ilene Humber	St. Paul, Minn.
Marian Margaret Jenkins	St. Paul, Minn.
Ada Miriam Johnson	St. Paul, Minn.
Lila W. Johnson	Jacobson, Minn.
Vilhelm Manuel Johnson	Minneapolis, Minn.
Martha Irene Jokela	Hibbing, Minn.
Sylvia Violet Jokela	Hibbing, Minn.
Dorothy Jean Kane	St. Paul, Minn.
Clarence Herman Kroning	St. Charles, Minn.
Willis George Kunze	St. Paul, Minn.
Frederick Hartmann Lott	St. Paul, Minn.
Eunice Louise Lundblad	St. Paul, Minn.
Clifford William McAninch	Stillwater, 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.
Gayle May Miller.....	Groton, S. D.
Ralph Emil Moe.....	Minneapolis, Minn.
Robert Alexander Murray.....	Parkers Prairie, Minn.
Ella A. Niemann.....	Springfield, Minn.
Harold Algot Ohlgren.....	Cokato, Minn.
Earl Milton Peterson.....	Emmetsburg, Iowa
Hilding Gunnar Peterson.....	St. Paul, Minn.
Marvin Charles Peterson.....	St. Paul, Minn.
James Jerome Pinney.....	St. Paul, Minn.
Louise Elnor Pribyl.....	St. Paul, Minn.
Ralph McClellan Richards.....	Minneapolis, Minn.
Ben Francis Richason.....	Willmar, Minn.
Erle Frederick Rounds.....	Eau Claire, Wis.
Walter Henry Sandstrom.....	St. Paul, Minn.
Marion Ella Schulz.....	St. Paul, Minn.
Catherine Lucretia Shuman.....	El Paso, Ill.
Gladys Maie Simmons.....	St. Paul, Minn.
George Sinding.....	St. Paul, Minn.
Dorothy Hazel Smith.....	St. Paul, Minn.
Jane Dean Strebel.....	Sauk Centre, Minn.
Mary Elizabeth Strebel.....	Sauk Centre, Minn.
Greta Mae Sutton.....	Huntley, Minn.
Dorothea Margery Tanquist.....	St. Paul, Minn.
Helen Roberta Thornburg.....	Lakefield, Minn.
Beatrice Bailey Belle Vassar.....	St. Paul, Minn.
Max John Volcansek.....	Eveleth, Minn.
Marvel Ovedia Wangenstein.....	St. Paul, Minn.
Harlan Axel Westrell.....	Odin, Minn.
Frederick Eugene Wolner.....	Cloquet, Minn.
Harriet Elizabeth Wookey.....	Minneapolis, Minn.

Junior Class

William Adam.....	Minneapolis, Minn.
Emil Dana Almquist.....	Madelia, Minn.
Ralph S. Armstrong.....	Mahnomen, Minn.
Gordon Leonard Axelson.....	St. Paul, Minn.
William Charles Ball.....	Minneapolis, Minn.
Edward Arrowood Beckstrand.....	Redwood Falls, Minn.
June Adelaide Benson.....	St. Paul, Minn.
Elsie Martina Bergan.....	Williams, Minn.
Lorraine Ann Bergin.....	Minneapolis, Minn.
Carol Avis Bergstedt.....	Eveleth, Minn.
Clarence William Bode.....	Clara City, Minn.
Andrew James Boylan.....	St. Paul, Minn.
Mary McKenzie Brack.....	St. Paul, Minn.
Ermalee Jessie Braden.....	Wayzata, Minn.

Stuart Alexander Brown.....	Jackson, Minn.
Marian Winifred Bruss.....	St. Paul, Minn.
James Milton Butler.....	Deerwood, Minn.
John Frank Carey.....	Hayfield, Minn.
Walter Edward Clark.....	Hopkins, Minn.
Ruth Elsa Colberg.....	St. Paul, Minn.
Marvin Smith Cummings.....	Beaver Creek, Minn.
Jennie Gene DeBoer.....	St. Paul, Minn.
Raymond Otto Didlo.....	St. Joseph, Mo.
Mortimer Adolph Dittenhofer.....	St. Paul, Minn.
Donald Shugart Dreher.....	Owatonna, Minn.
Wyllie Deene Eastman.....	St. Paul, Minn.
Conrad Vincent Edwins.....	St. Paul, Minn.
Blanche Elemine Erlandson.....	Hettinger, N. D.
Edythe Lucille Farnham.....	St. Paul, Minn.
Melvin Farrington.....	Rosholt, S. D.
Katherine Louisa Flad.....	St. Paul, Minn.
Anna Theresa Frey.....	St. Paul, Minn.
Ruth Emma-Marie Fritz.....	St. Paul, Minn.
Raymond Scheafer Frommer.....	St. Paul, Minn.
George Paris Gallos.....	Minneapolis, Minn.
Julia Marie Green.....	Duluth, Minn.
Harriet Stella Gregory.....	St. Paul, Minn.
Andrew Gordon Groen.....	Chatfield, Minn.
John Kolben Grotting.....	Minneapolis, Minn.
Robert Frederic Halladay.....	Minneapolis, Minn.
Dorothy Reed Hart.....	Pipestone, Minn.
John Roger Haserick.....	Minneapolis, Minn.
Harrison H. Hemenway.....	Minneapolis, Minn.
Elynor Bertha Pauline Heuer.....	Bertha, Minn.
Marie Elizabeth Hill.....	Duluth, Minn.
Ardythe Margaret Hjort.....	Albert Lea, Minn.
Abner Frank Hohman.....	Arcadia, Wis.
Warren Jackson Hopwood.....	Minneapolis, Minn.
Mary Beryl Huber.....	Owatonna, Minn.
Eugene Clarke Huebener.....	St. Paul, Minn.
Virginia Ann Hunter.....	Minneapolis, Minn.
Sara Catherine Hyre.....	Minneapolis, Minn.
Gordon Sloan Jaeck.....	Minneapolis, Minn.
Mary Alice Jenkins.....	St. Paul, Minn.
Juliette Eleanor Jerabek.....	Silver Lake, Minn.
Cleo Dolores Johnson.....	Grand Rapids, Minn.
Dorothy Gail Johnson.....	St. Paul, Minn.
Julia Elizabeth Kagin.....	St. Paul, Minn.
John David Keith.....	Delhi, Minn.
Eleanor Kellner.....	South St. Paul, Minn.
Arthur Knut Kelsen.....	St. Paul, Minn.
John Thomas Kingston.....	Bovey, Minn.
Ward Ralph Lamb.....	Rockwell City, Iowa
Elizabeth Townsend Lang.....	St. Paul, Minn.
Harold Roy Lawler.....	Gordon, Wis.

Gordon James Lester.....	St. James, Minn.
Eckoe Maes.....	Redwood Falls, Minn.
Eva Lorraine Martz.....	LeRoy, Minn.
Gordon Angell Mikkelsen.....	St. Paul, Minn.
John Wellman Milsten.....	Belfield, N. D.
Grace Helen Minx.....	St. Paul, Minn.
Robert Carl Molkenbur.....	St. Paul, Minn.
Sue Alice Momsen.....	St. Paul Park, Minn.
Paul William Moore.....	Minneapolis, Minn.
Helen Belle Morse.....	Mankato, Minn.
Ian Alastair Buchanan Morton.....	St. Paul, Minn.
Edmund Mottershead.....	St. Paul, Minn.
Dorothy Margaret Mueller.....	St. Paul, Minn.
Harold Lowell Mueller.....	Hayfield, Minn.
Carleton Alexander Nelson.....	Chippewa Falls, Wis.
Clifford Charles Noble.....	Gilbert, Minn.
Willis Irwin Nonnweiler.....	Minneapolis, Minn.
Emil Theodore Norberg.....	Minneapolis, Minn.
Audrey Grace Peck.....	St. Paul, Minn.
Lucille Grace Peterson.....	St. Paul, Minn.
Evelyn Irene Phillips.....	South St. Paul, Minn.
Helen Phyllis Potter.....	St. Paul, Minn.
Malcolm Graham Powrie.....	St. Paul, Minn.
Margaret Lillian Reifel.....	Eveleth, Minn.
Jean Boal Reynolds.....	Minneapolis, Minn.
James McClellan Richards.....	Minneapolis, Minn.
Audrey Virginia Rude.....	St. Paul, Minn.
Arthur Swasey Rusterholz.....	St. Paul, Minn.
Robert William Schaffhausen.....	St. Paul, Minn.
Irvin Willmar Schmidt.....	Swanville, Minn.
Josephine Emily Setterberg.....	Slayton, Minn.
Thomas Bernard Shetka.....	St. Paul, Minn.
Bernhoff Riske Skogmo.....	Clark, S. D.
Harold Milo Smith.....	Alexandria, Minn.
Vera Verona Smith.....	Rochester, Minn.
Marian DeEtte Sorenson.....	Duluth, Minn.
Antoinette Marguerite Stalley.....	St. Paul, Minn.
Stanley Paul Stone.....	St. Paul, Minn.
Linnea Thorsell.....	Minneapolis, Minn.
Clarence Herman Toensing.....	St. Paul, Minn.
Robert William Hewitt Tricker.....	St. Paul, Minn.
Elizabeth Gertrude Tucker.....	St. Paul, Minn.
Helen Margaret Waits.....	St. Paul, Minn.
Vern Samuel Waters.....	St. Paul, Minn.
Florence Delpha Watson.....	Red Wing, Minn.
Ruth Margaret Wilhelm.....	St. Paul, Minn.
Park Wittenberger.....	Cloquet, Minn.
Wilbur Donald Wood.....	Mankato, Minn.
Jean Gordon Wooley.....	St. Paul, Minn.
Martha Anna Yukl.....	Holdingsford, Minn.

Sophomore Class

Kenneth Martin Allen	St. Paul, Minn.
Dorothy Jean Anderson	St. Paul, Minn.
Alberta Annis	Duluth, Minn.
Mary Elizabeth Ashley	St. Paul, Minn.
Julian Asp	Milan, Minn.
Carl Edward Bahmeier	Minneapolis, Minn.
Leila Ruth Barstow	Sandstone, Minn.
Beverly Leone Batzer	Morristown, S. D.
LaReine Chatleain Beavens	St. Paul, Minn.
James Hunt Bell	St. Paul, Minn.
Bernard Carl Bengtson	Cokato, Minn.
Morris Vernon Benson	St. Paul, Minn.
Marjorie Mae Bond	St. Paul, Minn.
Helen Florence Boustedt	St. Paul, Minn.
Winifred Gustava Boyce	Cokato, Minn.
James Allen Brandt	Montevideo, Minn.
Myron Stewart Brathovde	Reynolds, N. D.
Kenneth A. D. Breckner	Minneapolis, Minn.
Herbert Martin Brings	St. Paul, Minn.
Edna Elma Brokl	Hopkins, Minn.
Bernadine Louise Brown	St. Paul, Minn.
Clyde Sereno Bugbee	Wells, Minn.
Eveline Jane Callender	New Richland, Minn.
Stanley Paul Nyholm Carlson	Cokato, Minn.
Thomas Montgomery Champlin	Lake Crystal, Minn.
Harold Edmund Chase	Minneapolis, Minn.
Ruth Alice Christensen	Minneapolis, Minn.
Margaret Eleanor Christie	Shakopee, Minn.
Helen May Clark	St. Paul, Minn.
Marian Loraine Clossner	Pine Island, Minn.
Harold Eugene Coulter	Lamberton, Minn.
Frank Arthur Cox	St. Paul, Minn.
Alice Jackson Cunliffe	Effie, Minn.
Dorothy Anna Danielson	Amery, Wis.
Fay Vincent Domke	Sauk Centre, Minn.
Barbara Lee Durkee	Winnebago, Minn.
Carol Leona Eastwold	LeRoy, Minn.
Svea Edstrom	Effie, Minn.
Lloyd Gidion Edwards	St. Paul, Minn.
Dorothy Helen Eginton	St. Paul, Minn.
Robert Bruce Erskine	Grand Rapids, Minn.
John Berg Evensta	Pillager, Minn.
George Calvert Felton	South St. Paul, Minn.
Van Russell Ferrell	Cokato, Minn.
Alvin Fink	St. Paul, Minn.
Jane Margaret Fleckenstein	St. Paul, Minn.
Edward Milford Forus	Minneapolis, Minn.
Elizabeth Goehrs	St. Cloud, Minn.
Dorothy Louise Gordon	Montevideo, Minn.
Kenneth Henry Gormin	St. Paul, Minn.

Margaret Louise Graham	Austin, Minn.
Marjorie Louise Gray	Wilton, N. D.
Violet Eleanor Greene	St. Paul, Minn.
William Rigg Griffin	West Concord, Minn.
Albert Norman Hanson	Staples, Minn.
Margaret Elizabeth Hare	Minneapolis, Minn.
Howard Harris	St. Paul, Minn.
Delores Melba Harstead	St. Paul, Minn.
Margaret Elaine Hauser	Minneapolis, Minn.
Cleaveland Haverstock	Minneapolis, Minn.
Marjorie Christine Hedtke	Minneapolis, Minn.
Audrey Abbotts Hefte	Caledonia, Minn.
Ernie Eugene Helquist	Thief River Falls, Minn.
Ardis May Hillman	St. Paul, Minn.
H. Grant Hobart	Alexandria, Minn.
Wava Elaine Holm	St. Paul, Minn.
Howard Homer Holton	St. Paul, Minn.
Newell Willard Howe	St. Paul, Minn.
Florene Edith Hubmer	St. Clair, Minn.
William Fabian Hunt	St. Paul, Minn.
Kathryn Rebecca Jackson	Dawson, Minn.
Mary Virginia James	Lake Crystal, Minn.
Glenn Comyn Johnson	Nelson, Minn.
James Henry Johnson	Goodhue, Minn.
Kenneth Joseph Johnson	St. Paul, Minn.
Kathryn Olive Klingbeil	Blooming Prairie, Minn.
Karl Knoche	Adrian, Minn.
Kathryn Knoche	Adrian, Minn.
Jeannette Louise Knutson	St. Cloud, Minn.
Karl Wilbert Koch	St. Paul, Minn.
William Bernard Korstad	Thief River Falls, Minn.
Virginia Eleanor Kraher	St. Paul, Minn.
Dwight Elwood Larson	St. Paul, Minn.
Marian Louise Larson	Winthrop, Minn.
John Irving Levin	St. Paul, Minn.
Edmund Walter Lienke	Jackson, Minn.
Florence Elinor Lind	Cokato, Minn.
Helen Beda Lindquist	St. Paul, Minn.
Milton Oscar Lofroth	St. Paul, Minn.
Victor Griswold Lowe	White Bear Lake, Minn.
Edmund Russell Lynn	Granite City, Ill.
Vernon Walter McCallum	Parkers Prairie, Minn.
Margaret Jean McDonald	Moorhead, Minn.
David Fowler MacKnight	St. Paul, Minn.
Betty Margaret McLeod	Litchfield, Minn.
Lloyd Edgar McMurchy	St. Paul, Minn.
Maurice Allen Maanum	Clontarf, Minn.
George Reed Macomber	St. Clair, Minn.
Harold Gottfried Malmgren	St. Paul, Minn.
Victor Adin Malmrose	St. James, Minn.
Lucille Elizabeth Mason	Williams, Minn.

Lois Adelaide Mattice.....	Minneapolis, Minn.
Alice Eliza Mayo.....	Alpha, Minn.
Celeste Anne Meister.....	Minneapolis, Minn.
Howard Eugene Meyer.....	Minneapolis, Minn.
Helen Jane Miller.....	St. Paul, Minn.
Frank Joseph Milnar.....	St. Paul, Minn.
Pearl Helms Monge.....	St. Paul, Minn.
Richard Archie Montfort.....	Litchfield, Minn.
James Sanford Newcomb.....	Minneapolis, Minn.
Fred Findahl Nora.....	Minneapolis, Minn.
James Edward Olsen.....	Tyler, Minn.
Kermit Robert Olsen.....	Minneapolis, Minn.
Kramer William Olsen.....	Minneapolis, Minn.
Averna Jane Olson.....	Litchfield, Minn.
Nona Linn Osburn.....	Devils Lake, N. D.
Daniel Eugene Ostergren.....	St. Paul, Minn.
Merton James Parks.....	Cloquet, Minn.
Russell Gordon Patchin.....	Truman, Minn.
Ruth Elizabeth Patterson.....	Brainerd, Minn.
Priscilla Jean Paulus.....	St. Paul, Minn.
Helen Lucille Pearson.....	Willmar, Minn.
Paul Erick Pedersen.....	Minneapolis, Minn.
Marian Louise Penschuck.....	St. Paul, Minn.
Betty Jane Peterson.....	St. Paul, Minn.
Leone Christine Peterson.....	Moose Lake, Minn.
Walter Max Peterson.....	Morris, Minn.
Willard Everett Peterson.....	Minneapolis, Minn.
Emory Henry Polski.....	St. Paul, Minn.
William Alonzo Powers.....	Grand Rapids, Minn.
Phyllis Fay Prelvitz.....	Buffalo Lake, Minn.
Josephine Mae Quinn.....	Wadena, Minn.
Barbara Jean Raymond.....	Simpson, Minn.
Lorraine Harriet Rayson.....	Minneapolis, Minn.
Louise Marie Reihls.....	Madelia, Minn.
John C. Ricko.....	Gheen, Minn.
Mary Elizabeth Roberts.....	Minneapolis, Minn.
Thomas Knox Robertson.....	Jackson, Minn.
Wallace Gordon Santee.....	Minneapolis, Minn.
Doris Lucille Schandel.....	Lake City, Minn.
Agnes Isabel Schofield.....	Johnson, Minn.
Dorothy Madelyn Schroeder.....	Madison, S. D.
Lola Eda Schuelter.....	St. Paul, Minn.
Norman Theodore Seim.....	South St. Paul, Minn.
Lois Elizabeth Sharpless.....	St. Paul, Minn.
Eleanor Mae Siegler.....	Duluth, Minn.
William Hansen Smith.....	Minneapolis, Minn.
Donald Carl Stenberg.....	Minneapolis, Minn.
Lyle Herbert Stensrude.....	Freeborn, Minn.
Virginia Elaine Stewart.....	St. Paul, Minn.
Sanford Maynard Strand.....	Benson, Minn.
Daynor N. Tharalson.....	Litchfield, Minn.

Gordon Melby Torgersen.....	St. Paul, Minn.
Harold Ellsworth Towner.....	St. Paul, Minn.
Margery Virginia Trickey.....	St. Paul, Minn.
Dean Bartlett Tripp.....	Hettinger, N. D.
Robert Earl Tucker.....	Minneapolis, Minn.
Maxon Sherwin Tyler.....	St. Paul, Minn.
Harvey Carlton Voris.....	Litchfield, Minn.
Henrietta Louise Wahlers.....	St. Paul, Minn.
Margarete Helene Wahlers.....	St. Paul, Minn.
Jacques Wright Wesson.....	Alexandria, Minn.
Gordon Hartwick West.....	Morgan, Minn.
Josephine Louise Wetteland.....	St. Paul, Minn.
Russell Ambrose Wetzel.....	Robbinsdale, Minn.
Jean Barbara Whitcher.....	Farmington, Minn.
Lola Williams.....	St. Paul, Minn.
Mary Louise Woolsey.....	Miles City, Montana
Joan Elizabeth Zaun.....	St. Paul, Minn.

Freshman Class

Stephen Bartholmaus Achter.....	Glenwood, Minn.
Arthur Harold Allen.....	St. Paul, Minn.
Ola Eugenia Allen.....	St. Paul, Minn.
Ramona Leigh Allen.....	Ellsworth, Ohio
Adele Elizabeth Almquist.....	St. Paul, Minn.
John Charles Alpern.....	St. Paul, Minn.
Dale Potter Anderson.....	Faribault, Minn.
Harlan Garnet Anderson.....	St. Paul, Minn.
Jeanette Margaret Anderson.....	St. Paul, Minn.
Karl John Anderson.....	Alexandria, Minn.
Margaret Catherine Anderson.....	St. Paul, Minn.
Vanner Fred Anderson.....	Minneapolis, Minn.
Phyllis Grace Arnes.....	Barronett, Wis.
Isabel Bertha Aufderheide.....	Lamberton, Minn.
Olive Henrietta Aulie.....	Canby, Minn.
John Aussey.....	St. Paul, Minn.
Warren Wright Bacon.....	St. Paul, Minn.
Mona Margaret Baird.....	St. Paul, Minn.
Muriel Elaine Baker.....	Rib Lake, Wis.
Vera Hope Bakken.....	Pequot, Minn.
Virginia Hamilton Barwise.....	St. Paul, Minn.
Lorraine Patricia Bayle.....	Grand Marais, Minn.
Burdelle Ardis Beckstrand.....	Redwood Falls, Minn.
Alice Helene Benn.....	Sanish, N. D.
Oris Winston Berg.....	Reynolds, N. D.
Everett Rollin Bergstrom.....	Minneapolis, Minn.
Lois Jeanne Beynon.....	Minneapolis, Minn.
Eleanor Alvida Bilden.....	St. Paul, Minn.
John Blekkink.....	St. Paul, Minn.
Henry James Blom.....	St. Paul, Minn.
Helen Emily Bohlig.....	St. Paul, Minn.
Douglas Reuber Bonn.....	St. Paul, Minn.

Kathleen Ann Bott.....	St. Paul, Minn.
James Hinds Boyd.....	St. Paul, Minn.
Charlotte Miriam Bradley.....	St. Paul, Minn.
Margaret Esther Brathovde.....	Reynolds, N. D.
Arvid Robert Brinkman.....	St. Paul, Minn.
Phyllis Henrietta Brinks.....	St. Paul, Minn.
Gordon Furn Brown.....	North St. Paul, Minn.
Robert Staples Brown.....	Willernie, Minn.
Frances Luella Browne.....	St. Paul, Minn.
Otto Lorenz Bruss.....	St. Paul, Minn.
Raymond Richard Bukrey.....	St. Paul, Minn.
John Ellsworth Bushnell.....	St. Paul, Minn.
Frank George Capetz.....	St. Paul, Minn.
Jean Nellie Carey.....	Hayfield, Minn.
Ann Victoria Carlson.....	St. Paul, Minn.
Bertha Carlson.....	Kansas City, Mo.
Mary Edith Carpenter.....	St. Paul, Minn.
Eugene Thomas Champlin.....	Vernon Center, Minn.
Mary Champlin.....	Lake Crystal, Minn.
Theodore Christea.....	St. Paul, Minn.
Helen Mae Clipson.....	Redwood Falls, Minn.
Claude Sharretts Clutz.....	Bendena, Kansas
Rosamond Catherine Collier.....	St. Paul, Minn.
Anna Elizabeth Covell.....	New London, Minn.
Josephine Frances Cowern.....	North St. Paul, Minn.
Arthur Wallace Crawford.....	St. Paul, Minn.
Henry Arno Daum.....	St. Paul, Minn.
Donald Wales Davis.....	St. Paul, Minn.
Virginia Marcelle Durrant.....	Lake City, Minn.
Myles Addison Duxbury.....	Caledonia, Minn.
Ella Ramona Eastwold.....	LeRoy, Minn.
Dorothea Charlotte Edwins.....	St. Paul, Minn.
Kenneth J. Edwins.....	St. Paul, Minn.
Lucile Margaret Egekvist.....	Minneapolis, Minn.
Marion Ruth Eichenlaub.....	St. Paul, Minn.
Otto Charles Eisner.....	Larsen, Wis.
Marion Charlotte Ekholm.....	St. Paul, Minn.
Kathleen Mae Ekstam.....	Grandy, Minn.
Carol Jean Elholm.....	St. Paul, Minn.
Paul Engstrom.....	Grandy, Minn.
Isabel Elinor Erlanson.....	St. Paul, Minn.
Richard LeRoy Feinberg.....	Minneapolis, Minn.
Ethel Alberta Finton.....	St. Paul, Minn.
Vernona Theresa Fish.....	Jeffers, Minn.
Charles L. Flooding.....	Alexandria, Minn.
Carol Helen Fosnes.....	St. Paul, Minn.
Arthur Melvin Fransen.....	St. Paul, Minn.
Harold Woodrow Freiburger.....	St. Paul, Minn.
George Burton Freidmann.....	St. Paul, Minn.
Ira V. French.....	Osakis, Minn.
Herbert Leland Gardner.....	Minneapolis, Minn.

Robert Nathaniel Gardner.....	St. Paul, Minn.
Arthur Gausemel.....	St. Paul, Minn.
Lois Jean Gillespie.....	Two Harbors, Minn.
James Gordon Gilman.....	Willmar, Minn.
Henry Carlson Goff.....	Mankato, Minn.
Nathaniel Walter Goins.....	St. Paul, Minn.
Dorothy Ita Goldblum.....	St. Paul, Minn.
Margaret A. Grau.....	St. Paul, Minn.
Marjory Hazel Gregory.....	St. Paul, Minn.
James William Griffith.....	Minneapolis, Minn.
Virginia Ethelynn Guild.....	St. Paul, Minn.
Evelyn Bernice Hadland.....	St. Paul, Minn.
James Wallace Hall.....	Albuquerque, N. Mex.
Carl Alfred Halverson.....	Revere, Minn.
Charlotte Marie Hansen.....	Duluth, Minn.
Carolyn Wilma Henning.....	St. Paul, Minn.
Eugene Loveall Herbst.....	Grafton, N. D.
Charlotte Vera Hilton.....	Slayton, Minn.
Mary Ann Hinckley.....	St. Paul, Minn.
Betty Lou Hoepfner.....	Paynesville, Minn.
Katherine Zelma Hollans.....	Grand Marais, Minn.
John Dinehart Holt.....	Slayton, Minn.
Elizabeth H. Horn.....	Minneapolis, Minn.
Allene Elizabeth Howard.....	Wheaton, Minn.
Mary Elizabeth Howard.....	St. Paul Park, Minn.
Virginia Howard.....	Lake Crystal, Minn.
Evelyn Frances Hoye.....	St. Paul, Minn.
Alden Taro Ikeda.....	St. Paul, Minn.
Frederick Henry Jacob.....	Lake City, Minn.
John Wallace Jacobs.....	Willmar, Minn.
Shirley Winifred James.....	Willmar, Minn.
Gordon Vance Jansma.....	Hospers, Iowa
Richard Harris Janssen.....	St. Paul, Minn.
Helen Maude Jensen.....	Little Falls, Minn.
Marlin Foster Jeppesen.....	Garden City, Minn.
Albert Carl Johnson.....	St. Paul, Minn.
Charles George Johnson.....	Goodhue, Minn.
Harriette Elaine Johnson.....	St. Paul, Minn.
Marcia Emogene Johnson.....	Worthington, Minn.
Robert Emory Johnson.....	Minneapolis, Minn.
Victor Rudolph Johnson.....	Avoca, Minn.
Roderick Daniel Jones.....	Minneapolis, Minn.
Roy Frederick Kern.....	Lewiston, Minn.
Evelyn Mae Killian.....	Jordan, Minn.
Ruth Margaret Kircher.....	Olivia, Minn.
Sonia Muriel Kjenstad.....	Minneapolis, Minn.
Harry Richard Knutson.....	St. Paul, Minn.
Harriett Koberstein.....	Glenwood City, Wis.
Vivian Althea Kocher.....	South St. Paul, Minn.
Edwin Elmer Koepke.....	Elmore, Minn.
Harold Henry Krinke.....	Lamberton, Minn.

Mary Ellen Krug	Minneapolis, Minn.
Clara Ann Kuehn	St. Paul, Minn.
Mary Wilcox Kuhl	St. Paul, Minn.
Blair Rupert Lampert	St. Paul, Minn.
Robert James Larsen	St. Paul, Minn.
Cleo Lauretta Lee	St. Paul, Minn.
Eva Lucellia Lee	St. Paul, Minn.
Lewis Edmund Lilyquist	Lisbon, N. D.
Carl Everett Lindstrom	Minneapolis, Minn.
Louis Lane Lipshultz	St. Paul, Minn.
Irma Fern Logan	Bismarck, N. D.
Richard William Luecke	St. Paul, Minn.
Harry Luitjens	Raymond, Minn.
Helen Margaret Lukins	Minneapolis, Minn.
Eudora Annette Lundblad	St. Paul, Minn.
Ruth Virginia Lundrigan	Cass Lake, Minn.
Donald Merle McCormick	Minneapolis, Minn.
Florence Lucile MacDonald	Minneapolis, Minn.
Helen McEiver	St. Paul, Minn.
Keith R. McKay	Redwood Falls, Minn.
Gordon Ashley Mack	Hastings, Minn.
Geneva Grace Macomber	St. Clair, Minn.
Herbert Niedringhaus Mahle	St. Paul, Minn.
Robert Willis Malmquist	Rushmore, Minn.
John William Marben	Lamberton, Minn.
Stanley Gordon Markusen	St. Paul, Minn.
Dorothy Ann Marron	St. Paul, Minn.
Virginia Jeanne Mastenbrook	St. Paul, Minn.
Philip Roland Mayer	Minneapolis, Minn.
Francis William Megarry	Bain, Minn.
Dorothy Craik Middlemass	Red Wing, Minn.
Norris Richard Mikkelson	St. Paul, Minn.
George Rolland Miller	Flandreau, S. D.
William Bell Mitchell	Bemidji, Minn.
Winona Imogene Mitchell	Minneapolis, Minn.
Margaret Alice Montgomery	Vesta, Minn.
Eleanor Dorothy Moore	St. Paul, Minn.
Ethel Elvera Morken	Morris, Minn.
Mourits C. Mouritsen	Minneapolis, Minn.
Donald George Mystrom	Minneapolis, Minn.
John Frederick Neander	St. Paul, Minn.
Ruth Terrace Neiger	St. Paul, Minn.
Lorraine Anne Nelsen	St. Paul, Minn.
Earl Lyle Nelson	Pine City, Minn.
Loren James Nelson	Shevlin, Minn.
Myles Andrew Nelson	Montevideo, Minn.
Robert Carl Nelson	Hallock, Minn.
Arvid Alfred Nielson	Minneapolis, Minn.
Phyllis Barbara Noltmier	St. Paul, Minn.
Richard Carl Norberg	St. Paul, Minn.
Edna Lois Norman	Ridgewood, N. J.

Dorothy Rose Nyquist	St. Paul, Minn.
Elizabeth Jane Oas	Minneapolis, Minn.
Robert Harry Olander	St. Paul, Minn.
David Whittlesey Olds	St. Cloud, Minn.
Richard Clay Olsen	St. Paul, Minn.
Henrietta Elizabeth Onslow	St. Paul, Minn.
Henry Daniel O'Shea	Minneapolis, Minn.
Grant Richard Oswald	New Ulm, Minn.
Harold Lewis Otterstrom	Austin, Minn.
Harvey Karl Palmquist	Litchfield, Minn.
Harriet Ann Pankhurst	Duluth, Minn.
Stanley Victor Partridge	St. Paul, Minn.
Robert Bruce Patterson	Brainerd, Minn.
John Walter Patton	Minot, N. D.
Dorothy Louise Pearl	Rochester, Minn.
William R. Pearson	Willmar, Minn.
Charles Sanborn Peick	Slayton, Minn.
Randall Stewart Pemberton	Blue Earth, Minn.
George Peters	Clara City, Minn.
Robert Wilhelm Peterson	St. Paul, Minn.
Herman Albert Petzold	St. Paul, Minn.
Carleton Pope	St. Paul, Minn.
Lila Mae Porter	St. Paul, Minn.
David Hubert Powers	Grand Rapids, Minn.
Frances Isabella Read	Minneapolis, Minn.
Lowell Stanton Reeve	Windom, Minn.
Robert John Rehder	Red Wing, Minn.
Hugh Clifton Reichard	Minneapolis, Minn.
Winifred Anne Reichle	St. Paul, Minn.
Robert S. Rekedal	Elbow Lake, Minn.
John Emil Reynolds	Minneapolis, Minn.
Russell Wilson Riddell	Grand Rapids, Minn.
John Bonham Robinson	St. Paul, Minn.
James George Rogers	St. Paul, Minn.
Jack Milton Ross	Red Wing, Minn.
Elizabeth Frederick Roth	Minneapolis, Minn.
Ken Willard Sackett	St. Paul, Minn.
Karlon Louise Virginia Samuelson	St. Paul, Minn.
Roger I. Sanford	Minneapolis, Minn.
Alfred Phillip Schaeppi	St. Paul, Minn.
Valorie Ann Schulze	St. Paul, Minn.
Robert Rudolph Schutz	Bixby, Minn.
Jack Frederick Sjoholm	St. Paul, Minn.
Maryella Smith	St. Paul, Minn.
John Richard Snyder	Jackson, Minn.
Edith Lillian Stapleford	Virginia, Minn.
Emma Lorraine Stegner	St. Paul, Minn.
Leo Curtis Stewart	St. Paul, Minn.
Marcus Gordon Stohl	St. Paul, Minn.
Rebecca Natalja Stohl	St. Paul, Minn.
June Beverley Storberg	St. Paul, Minn.

Burton Donald Stranberg.....	Minneapolis, Minn.
Jean Elaine Sture.....	St. Paul, Minn.
Ruth Naomi Sutton.....	St. Paul, Minn.
Mary Edna Swanberg.....	St. Paul, Minn.
Milton William C. Swanson.....	St. Paul, Minn.
Russell Benjamin Swanson.....	Minneapolis, Minn.
Stephen Myers Sweetland.....	Wichita, Kansas
Elizabeth Temple.....	White Bear Lake, Minn.
Myra Evelyn Tewmey.....	St. Paul, Minn.
Andrus Eugene Thompson.....	Minneapolis, Minn.
David Lucius Thompson.....	Garden City, Minn.
John Stanley Thompson.....	Minneapolis, Minn.
Douglas Henry Thrall.....	Winneconne, Wis.
Larry David Throne.....	St. Paul, Minn.
June Ina Hope Torrison.....	Minneapolis, Minn.
Jean Trisko.....	St. Paul, Minn.
Margaret Pauline Turner.....	Duluth, Minn.
Shirley Jean Vermilya.....	St. Paul, Minn.
George C. Voorhis.....	Staples, Minn.
Peter Paul Wagenbreth.....	St. Paul, Minn.
Gregory Waite.....	Benson, Minn.
John Arnold Wallace.....	St. Paul, Minn.
Ove Mons Wangenstein.....	St. Paul, Minn.
Loren Wiley Weaver.....	St. Paul, Minn.
Eleanor Marion Westen.....	St. Paul, Minn.
John Thomas White.....	St. Paul, Minn.
Francis Marion Whittaker.....	Minneapolis, Minn.
Arthur Trelton Williams.....	St. Paul, Minn.
Lucille Margaret Wilson.....	St. Paul, Minn.
Marjorie Aileen Wilson.....	Moorhead, Minn.
Richard Stanley Wilson.....	Montevideo, Minn.
Carl Moir Witham.....	Minneapolis, Minn.
Jean Elizabeth Woodward.....	St. Paul Park, Minn.
Vadis Elizabeth Woolsey.....	Shakopee, Minn.
Mary Elizabeth Worum.....	St. Paul, Minn.
Dorothy May Woskie.....	St. Paul, Minn.
Vernon Charles Wright.....	St. Paul, Minn.
Robert John Zavoral.....	St. Paul, Minn.
Marjorie Helen Zimmerman.....	Owatonna, Minn.
Harold Walter Zimmerman.....	Bismarck, N. D.
Inez Ann Zizka.....	St. Paul, Minn.
Philip Robert Zorn.....	Stillwater, Minn.

Special Students

Elizabeth W. Tautges.....	Minneapolis, Minn.
Marion Elizabeth Thompson.....	Fort Dodge, Iowa

Summary of Students

Freshmen.....	278
Sophomores.....	169
Juniors.....	115
Seniors.....	82
Special Students.....	2
Total.....	646

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