

C. E. Finken

Macalester
College
Bulletin

APRIL
1928

Catalog Number

Vol. XVI

Number 3

CIRCULATING COPY

Macalester College

Bulletin

CATALOG NUMBER



1928

Accredited by the North Central Association of Colleges
and Secondary Schools.

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

SAINT PAUL, MINNESOTA

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

Acceptance for mailing at special rate of postage pro-
vided for in Section 1103, Act of October
3, 1917, authorized July 31,
1918.

Issued Quarterly in October, January, April and June.

College Calendar

1928-1929

1928

- June 4-9. Monday-Saturday, Second Semester Examinations.
 June 8. Friday, 10:00 a. m., Annual Meeting of Board of Trustees.
 June 8. Friday, 8:30 p. m., Recital, Conservatory of Music.
 June 9. Saturday, 8:15 p. m., Senior Class Play.
 June 10. Sunday, 4:00 p. m., Baccalaureate Sermon.
 June 11. Monday, 11:00 a. m., Extemporaneous Speaking Contest.
 June 11. Monday, 8:15 p. m., Senior Class Play.
 June 12. Tuesday, 11:00 a. m., Class Day Exercises.
 June 12. Tuesday, 6:30 p. m., Alumni Banquet.
 June 13. Wednesday, 10:30 a. m., Thirty-ninth Annual Commencement.
 June 13. Wednesday, 8:30 p. m., President's Reception.
 Sept. 10-11. Monday-Tuesday, Freshman Registration.
 Sept. 11-12. Tuesday-Wednesday, Upper Class Registration.
 Sept. 12. Wednesday, 10:30 a. m., First Semester begins.
 Nov. 29. Thursday, Thanksgiving Day.
 Dec. 6. Thursday, Pi Phi Epsilon Initiation.
 Dec. 19. Wednesday, 4:30 p. m., Christmas Vacation begins.

1929

- Jan. 3. Thursday, 8:00 a. m., Christmas Vacation ends.
 Jan. 21-25. Monday-Friday, First Semester Examinations and Second Semester Registration.
 Jan. 29. Tuesday, 8:00 a. m., Second Semester begins.
 Feb. 12. Tuesday, Lincoln's Birthday.
 Feb. 22. Friday, Washington's Birthday.
 Mar. 5. Tuesday, Cap and Gown Day.
 Mar. 28. Thursday, 4:20 p. m., Spring Vacation begins.
 April 4. Thursday, 8:00 a. m., Spring Vacation ends.
 May 30. Thursday, Memorial Day.
 June 3-8. Monday-Saturday, Second Semester Examinations.
 June 10. 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.

ROBERT S. WALLACE, M. A., Field Representative.

*HARRY PHILLIPS, Mus. M.,
Director of the Conservatory of Music.

FRANK PASKEWITZ, B. A., Business Secretary.

ELLA MOORE MARSHALL, R. N., Director of Health Service.

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

LEAH M. deZOUCHÉ, Accountant.

JEAN C. STRACHAN, B. A., Secretary to the Registrar.

VILA STURGEON, B. A., Secretary to the Dean.

MURIEL EASTMAN, B. A., Secretary to the Field Representative.

LILLIAN KERNKAMP, Secretary to the Business Secretary.

ALICE M. CLOUGH, House Director, Wallace Hall.

MRS. I. M. MURRAY, House Director, Kirk Hall.

*Deceased.

Board of Trustees

Officers of the Board

C. H. BIGELOW.....	President
J. B. SCHERMERHORN.....	Vice-President
B. O. CHAPMAN.....	Second Vice-President
C. L. HILTON.....	Secretary
E. B. KIRK.....	Treasurer

TRUSTEES

TERMS EXPIRE JUNE, 1928

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GEORGE D. DAYTON.....	Minneapolis
WILLIAM P. KIRKWOOD.....	St. Paul
CHARLES V. SMITH.....	Minneapolis
LOUIS H. WILLIAMS.....	Minneapolis

TERMS EXPIRE JUNE, 1929

W. J. McCABE.....	Duluth
JOHN S. McLAIN.....	Minneapolis
B. O. CHAPMAN.....	St. Paul
REV. MURDOCH McLEOD, D. D.....	Pittsburgh, Pa.
J. B. SCHERMERHORN.....	Minneapolis

TERMS EXPIRE JUNE, 1930

REV. H. C. SWEARINGEN, D. D.....	St. Paul
E. B. KIRK.....	St. Paul
REV. JOHN E. BUSHNELL, D. D.....	Minneapolis
WATSON P. DAVIDSON.....	St. Paul
F. R. BIGELOW.....	St. Paul
C. L. HILTON.....	St. Paul
F. E. Weyerhaeuser.....	St. Paul

JOHN C. ACHESON, Ex-officio

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C. L. HILTON	F. R. BIGELOW

Commencement

JOHN C. ACHESON, Chairman	J. E. BUSHNELL
H. C. SWEARINGEN	

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.

JULIA MacFARLANE JOHNSON, Professor of

English Literature and Old English. (1897)

Graduate Mt. Holyoke, 1885; A. M., University of Minne-
sota, 1907; Oxford, England, 1923-24.

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

Physics and Geology. (1906)

A. B., Macalester College, 1899; A. M., University
of Minnesota, 1905.

GLENN CLARK, Professor of English. (1912)

Ph. B., Grinnell College, 1905; A. M., Harvard, 1908.

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

†On leave of absence, 1927-1928.

- OTTO THEODORE WALTER, Professor of Biology. (1923)
 A. B., State University of Iowa, 1916;
 A. M., 1917; Ph. D., 1923.
- CHARLES JAMES RITCHEY, Professor of History. (1925)
 A. B., Drake University, 1910; A. M., 1911; A. M., Yale, 1913;
 Ph. D., University of Chicago, 1918.
- INA ANNETTE MILROY, Professor of German. (1926)
 Ph. D., University of Berlin, 1904.
- FREDERIC GIBBS AXTELL, Librarian. (1903)
 A. B., Wesleyan University, 1888; A. M., 1891.
- AUGUSTA HALLIE CHALFANT, Associate Professor
 of Spanish. (1916)
 A. B., University of Minnesota, 1912; A. M., 1914.
- MARGARET MacGREGOR DOTY, Dean of Women,
 Associate Professor of English. (1920)
 A. B., Macalester College; A. M., Columbia University, 1927.
- MATHILDA MATHISEN, Associate Professor of Latin. (1923)
 A. B., Ripon College, 1918; A. M., University of Oregon, 1923.
- CLARENCE ELWOOD FICKEN, Dean of Men.
 Associate Professor of French. (1924)
 A. B., Baldwin-Wallace College, 1916; A. M., Northwestern
 University, 1917.
- SAMUEL FLOYD FRANKLIN, Associate Professor
 of Religious Education. (1925)
 A. B., Princeton University, 1912; A. M., 1914; B. D., Princeton
 Seminary, 1915; Ph. D., New York University, 1925.
- EDWIN KAGIN, Associate Professor of Religious Education. (1926)
 A. B., Centre College, 1904; B. D., Kentucky Theological
 Seminary, 1907; Th. M., Princeton Seminary, 1922;
 A. M., Princeton University, 1923.
- GRACE BEE WHITRIDGE, Assistant Professor
 of Dramatic Art. (1901)
 Graduate Boston School of Oratory, 1890; post-graduate, 1891;
 Graduate New York Academy of Dramatic Art, 1899.
- GRACE JANE LOVELL MAY, Assistant Professor
 of English. (1924)
 A. B., University of Minnesota, 1904; A. M., 1917.
- CATHERINE RUTH CAMPBELL, Director of
 Physical Education for Women. (1924)
 S. B., University of Minnesota, 1924.

- KENNETH LEEDS HOLMES, Assistant Professor
of History. (1925)
A. B., Yale University, 1917; A. M., University of Louisville, 1925.
- ALICE LEORA BERRY, Assistant Professor of
Sociology, in charge of Social Work. (1925)
A. B., University of Minnesota, 1914; A. M., 1922.
- WALTER SAMUEL YARWOOD, Assistant Professor
of Geology. (1925)
S. B., University of Manitoba, 1923; Sc. M., 1924.
- CAREY MORGAN JENSEN, Assistant Professor of
Mathematics and Physics. (1926)
A. B., University of Minnesota, 1918; A. M., 1920; Ph. D., 1924.
- ELEANORE KOHLHAUPT, Assistant Professor
of German. (1926)
Ph. D., University of Vienna.
- FRANK EARL WARD, Assistant Professor of English. (1926)
A. B., Oberlin College, 1922; A. M., 1923.
- DAVID CLAIR PRIMROSE, Director of Physical
Education for Men. (1926)
S. B., Bellevue College, 1911; B. P. E., Association
College, Chicago, 1916.
- HENRY LEVI ANDERSON, Assistant Professor
of Education. (1926)
S. B., University of Minnesota, 1924.
- JOHN MARION BRUER, Assistant Professor of Biology. (1927)
A. B., University of Kansas, 1922; A. M., 1923.
- RUDOLPH STOKES NELSON, Assistant Professor
of Chemistry. (1927)
B. S., University of Illinois, 1920; M. S., 1921.
- WALTER SCOTT RYDER, Assistant Professor
of Sociology. (1927)
A. B., Acadia University, 1915; B. D., Rochester Theological Semi-
nary, 1918; A. M., University of British Columbia, 1920.
- BORGHILD SUNDHEIM, Assistant Professor of French. (1927)
S. B., University of Minnesota, 1925; A. M., 1927.
- VILA BEATRICE STURGEON, Instructor in Chemistry. (1926)
A. B., Macalester College, 1925.
- RAYMOND GARLAND FLETCHER, Instructor
in Religious Education.
A. B., Macalester College, 1927.

Committees of the Faculty

Rules and Discipline

R. U. JONES	C. E. FICKEN J. P. HALL	MARGARET M. DOTY
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Curriculum

R. U. JONES A. W. ANDERSON	C. E. FICKEN M. MATHISEN	H. L. ANDERSON C. J. RITCHEY
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Catalog

J. P. HALL	K. L. HOLMES	D. N. KINGERY
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Social Affairs

MARGARET M. DOTY C. E. FICKEN A. H. CHALFANT	G. B. WHITRIDGE RUTH CAMPBELL D. C. PRIMROSE	M. MATHISEN GRACE MAY ELEANORE KOHLHAUPT
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Athletics

D. N. KINGERY K. L. HOLMES	RUTH CAMPBELL	C. E. FICKEN D. C. PRIMROSE
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Publications

F. E. WARD	G. W. DAVIS	GLENN CLARK
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Appointments

H. L. ANDERSON	J. P. HALL	INA A. MILROY
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Program

A. W. ANDERSON		O. T. WALTER
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College Functions

G. B. WHITRIDGE	O. T. WALTER	F. G. AXTELL
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Nominations

G. W. DAVIS C. E. FICKEN	R. U. JONES	O. T. WALTER MARGARET M. DOTY
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General Information

Historical Sketch

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

Failing in his effort to secure adequate endowment for this college for men only, Dr. Neill asked the Synod of the Presbyterian Church of Minnesota to adopt this college as a denominational institution. On October 15, 1880, by action of the Synod, it passed under Presbyterian control. The trustees of the college, in 1883, donated to the institution the forty acres on which it is now established. They then sold the Winslow House and from the proceeds thereof, in 1884, erected the east wing of the present main building. The same year the Synod completed an endowment of \$25,000 for the president's chair, and in 1885 the institution was opened to students. At its opening the faculty numbered five professors; the student body was composed of six college freshmen, and fifty-two preparing for college in Baldwin School.

Because of the insufficiency of its resources financial difficulties multiplied fast after the opening of the college. In 1887 its net liabilities were over \$37,000. Despite this debt the trustees proceeded to erect the main building at a cost of \$68,000 and increased the indebtedness, by January 1, 1889, to \$103,000. During the next ten years these liabilities grew larger until they totaled \$180,000, and the college seemed hopelessly burdened with debt. Three presi-

dents gave up the attempt to save the institution. But a group of loyal professors, led by the inspiring example of Dr. James Wallace, believed in the future of the college and kept its doors open.

From 1889 to 1898 Macalester College graduated one hundred students. In 1893 the college was made coeducational. Such was the character of the young men and women, who became alumni, that Christian people began to realize that Macalester College was doing an indispensable work for the Church and declared the institution must be saved.

Among the most active in this cause were Messrs. R. A. Kirk, R. C. Jefferson, George D. Dayton, Thomas H. Dickson and Professor Thomas Shaw. These influential men enlisted the financial support of many friends and in July, 1900, reported that the old debt had been liquidated.

Meantime, in June, 1900, they effected a reorganization of the Board of Trustees. In 1904 the first endowment campaign for \$300,000 was launched. In July, 1911, the trustees announced that they had not only completed this endowment, but that they had, in addition, erected two new, modern buildings: Wallace Hall and the Carnegie Science Hall. In January, 1913, at the request of Mr. Frederick Weyerhaeuser the trustees undertook the raising of a second endowment fund of \$250,000, which was all paid in during 1916.

The rapid growth of the college necessitated the discontinuance of the Baldwin School in 1914. In 1918 the trustees, impelled by the growing demands of the institution, moved to secure a third endowment fund and \$915,220 was secured.

In January, 1926, the Macalester Forward Movement was launched for \$1,000,000; \$500,000 of which is to be used for buildings and \$500,000 for additional endowment. A total of \$825,000 has been pledged to date and of this amount \$584,000 has been paid in. The campaign will continue until the total objective is secured which will raise the present endowment of \$1,500,000 by the amount above indicated.

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.

*Deceased

Form of Bequest

The corporate name of the institution is 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, St. Paul, a beautiful suburb in the so-called Midway District. The location is favorable for study and for the development of wholesome college life. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with the interurban lines. The public libraries, churches, lecture courses and musical entertainments of these cities offer cultural opportunities and the vocations in city life can be studied at first hand.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue. The college buildings are situated on the north half of the campus, while the ample athletic field and college woods occupy the southern half.

Buildings and Equipment

The Main Building contains class rooms, society halls, library, auditorium and executive office.

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. On the first floor the Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. There is also a collection of about five hundred specimens, obtained and loaned by Gilbert L. Wilson, Ph. D., illustrating the culture of the Hidatsa and Mandan Indians.

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

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 individually 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 in one. The building will accommodate 142 students. One section contains a fully equipped, modern kitchen, commodious dining-room, and comfortable, home-like community room. In addition, there is a large recreation room provided for the enjoyment of indoor games.

Wallace Hall, a dormitory for women students, was built in 1907 and named for James Wallace, now president-emeritus of the College. This three-story, fire-proof brick building contains rooms for 80 students. The dining-room is large enough to accommodate the residents of both Wallace Hall and Rice Hall. 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 and Rice Hall participate, in cooperation with the Dean of Women who resides in Wallace Hall, in an experiment in student government. Students who have developed 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 upper floor is used as an annex to Wallace Hall, the women's dormitory, and will accommodate ten young women.

The Gymnasium, of American Colonial Design, is thoroly modern and complete, a structure 83 by 188 feet. The main gymnasium floor is surrounded by a running track and spectators' balcony hung 14 feet above the floor to allow ample space for bleachers beneath.

The first floor also contains rooms for the athletic directors of men and women, check rooms, a kitchen adequate for large social events, apparatus and other rooms.

The second floor provides rooms for boxing, wrestling and social events.

The basement contains a standard swimming pool, hand ball courts, and a field sports room.

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. A quarter-mile track with a 220 straightaway has recently been constructed.

Library

The Edward D. Neill Library contains about 18,500 volumes and is located on the ground floor of the main building. For greater security the Neill collection is in Carnegie Science Hall. In this building also are department libraries.

The Neill collection, consisting for the most part of books presented by Dr. Neill or acquired during his librarianship, contains Americana and some sixteenth and seventeenth century editions in theology and the classics; there is also a valuable collection of autograph letters.

The Dewey system of classification is used.

One hundred and ten 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 eight to six and from seven to nine-thirty o'clock; Saturday, from eight to six o'clock; holidays, from nine to twelve and one to five o'clock.

Other Library Privileges

The St. Paul Public Library contains, in its central building and permanent branches, 234,760 volumes. Of first importance in the central building is the Social Science Reference room, which contains the library's resources in economics, politics, sociology, educa-

tion and social work. There is also a reference room for the useful arts and one for the fine arts, including music. This library is located within fifteen minutes' ride by street car from Macalester College. Students may draw books for home use.

The James Jerome Hill Reference Library has a most carefully chosen collection of books on all subjects except law and medicine. In a special room is a noteworthy map collection. This library supplements the resources of other accessible libraries and affords unusual opportunities for study and research. College faculties and students are requested to use it freely. The James Jerome Hill Reference Library forms the east wing of the Public Library Building.

The Library of the Minnesota Historical Society contains about 163,000 books and pamphlets. It specializes in Americana, particularly that of the West, Northwest and Canada. It has one of the largest collections in genealogy and biography in the United States; extensive collections in American church history, local history and travel; and the most complete collection in existence relating to the Scandinavians in America. The Manuscript Department of the Society, with its important material, is open to qualified college students. The Historical Society building is located near the State Capitol.

Other libraries open to students are the State Law Library, 100,000 volumes, and the Minneapolis Public Library, which has 309,000 volumes in its central building.

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 will be imposed for the first day and fifty cents for each subsequent day. No excuses will be granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 29.

For the first semester of the college year freshmen will present themselves for registration on Monday morning of the opening week. On Monday afternoon and continuing through Tuesday and Wednesday will be given a series of lectures on subjects of vital importance to new students by the President and various members of the faculty. On Tuesday afternoon registration of sophomores, juniors, and

seniors will begin and will extend through Wednesday. Registration without penalty ends Wednesday.

The matter of excess registration is to be referred to the deans.

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

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 should be entered by the principal or superintendent and mailed by the proper school authority to the Registrar.

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. 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 to the secretary of the faculty, who shall thereupon issue a permit. 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.

At least one year of resident work at Macalester with a minimum of thirty credits is necessary for candidates for a degree.

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 Mr. E. C. Stringer the college is able to offer an annual prize of \$25, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest, and represents the college in the state contest.

Paul Prizes In Extemporaneous Speaking.—In 1917 Rev. W. F. Paul of Minneapolis established the Paul Contest in Extemporaneous Speaking to be held annually during Commencement Week. For this purpose he 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.

Freshman Scholarships.—Macalester College is cooperating with the University of Minnesota in its plan of Freshman Scholarships. Fifty scholarships are offered each year by the University of Minnesota on the basis of competitive tests. Any student successfully passing these tests who prefers to attend Macalester College will be granted a scholarship of equal value as that granted by the University, namely \$100.

Scholarships

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding \$50 per annum.

Wallace Scholarship.—A gift of \$1,000 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 \$2,830, 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.

Biology Scholarship.—In memory of her husband, Dr. Archibald MacLaren, Mrs. Kathrine MacLaren, of St. Paul, contributes \$50 to aid a student in the department of biology, who is selected by the head of this department.

Scott Scholarship.—Mr. William H. Scott, of Philadelphia, gives \$60 for a scholarship awarded by the faculty.

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

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

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

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

Shaw Scholarship.—Given by Professor Thomas Shaw, of St. Paul, to the nominee of the Central Presbyterian Church, of St. Paul, yielding \$50 per annum.

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, 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. This scholarship yields \$150 a year.

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 Fund of the First Presbyterian Church of Stillwater.—Founded by subscriptions of \$1,100 each by the Misses Jessie and Edna Mulvey in memory of their father; increased by gifts of the Stillwater Presbyterian church; amounts now paid in total \$2,077. Interest to aid a student nominated by the Stillwater 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.

New England Scholarship.—The St. Paul Colony of New England women gives this year \$60 to a young woman of New England parentage.

Rhodes Scholarships.—In order to keep this well-known bequest before the minds of present or prospective students it is briefly mentioned. Circulars of full information can be obtained at the President's office. 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.

Loan Funds

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

The Harmon Foundation Loan Fund.—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 the Harmon Foundation through a committee of the faculty. Loans may be granted to deserving students in amounts not to exceed \$200, at six per cent interest. The cooperative feature of the plan obviates the giving of collateral. Repayment of the loan is made in installments commencing not later than one year after the student leaves college. This fund is not available for freshmen.

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

Student Activities

The Y. M. C. A. has a membership of about eighty students. It 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 nine literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaeum, Adelpian, Alethean and Eulogian societies admit men and the Clionian, Philotian, Thalian and Platonian societies, women.

Chi Phi Delta.—This is a social and discussion society for self-supporting 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, thus preserving a reasonable balance between inexperience and maturity.

The Quill Club is non-secret and non-fraternal. Its nomenclature and ritual are based upon Anglo-Saxon culture. The local chapter is known as Cen Rune. Students whose work in the English Department is of sufficient merit to be published in the Gateway Magazine are eligible for membership in the Quill Club.

Macalester College was the sixth in the United States to be admitted to the American College Quill Club.

The Macalester Players is a group within the Department of Expression, 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 under the 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.

The Charter of the Macalester or Minnesota Alpha Chapter was granted by the National Council in 1920.

Membership in Pi Kappa Delta is based on election, being limited to professors of public speaking and those who have represented the college in intercollegiate forensic contests.

The local Chapter interests itself in all forms of forensics, and has assumed the secretaryships of the Minnesota High School Discussion League and the High School League in Extemporaneous Speaking.

Interscholastic Forensic Competition.—Macalester College has taken a great interest in developing a more natural, effective manner of public speaking among the high schools of the state. To further that end it organized the Minnesota High School Discussion League which is now starting on its thirteenth year, and the High School League in Extemporaneous Speaking which is starting on its eleventh year. The state has been organized into districts and the winners of the district contests come to Macalester the third week in February where the state contests are held. Macalester College furnishes medals for the winners of district and state contests and shields for the winning schools.

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

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

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

Sigma Delta Psi.—This is the national athletic fraternity which stands for the comprehensive intelligent development of physical training for college men.

The Macalester Chapter was established February 18, 1925.

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

Pi Phi Epsilon Society

The society was organized in 1914 with twenty charter members. The aim of the society is to stimulate scholarship and intellectual interests in the college. It regards scholarship, intellectual leadership, originality and character as the requisites for eligibility to membership.

New members are chosen by the faculty in the fall of each year. Of these not more than four are taken from the sophomore class, the remainder from the junior and senior classes. Those selected from the sophomore class are chosen strictly on the basis of high standing as students, as shown by the records of the Registrar. Others are elected by ballot of the faculty from a list nominated by the advisers and heads of departments. Nomination is made on the ground of unusual proficiency in the student's major subject. After the above are chosen the faculty may elect not to exceed two more from a list that includes worthy students not otherwise eligible. At the close of the school year members of the graduating class who have exceptionally fine records thru their senior year may be added to the society.

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 executive committee of the society is composed of the officers together with a faculty representative.

The undergraduate members are:

Hannah Wheeler Ball	Samuel Brown Kirkwood
Albert Phillips Beedon	Paul Raymond Lindholm
Howard Eben Bloom	Harriet Irene Miller
Margaret Mae Chambers	Margaret Emily Neibel
Vivian Combacker	Hildur Grace Nelson
Ruth Elizabeth Crawford	Agnes Elizabeth Nyfors
Margaret Amburn Dahlen	Charles Whittlesey Olds
Thomas Edwin Davis	Orville Clyde Peterson
Marjorie Grace Donaldson	Adelaide Alberta Rowley
Ada Lillian Forus	Theophil Ernest Payne Rusterholz
Ronald Danehart Frederickson	Elizabeth Marie Simonson
Jenaro Gonzalez	Hazel Eunice Wheeler
Inez Hindman	Elsie Evelyn Wik
Mildred Marie Jerabek	

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.

Teachers' Bureau

The faculty committee on appointments maintains a bureau for the placement of graduates in the field of public school teaching. There is no fee for this service. Particulars may be found under Department of Education.

Publications

The following publications are issued from the college:—

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

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

The Mac Weekly, a student publication established in 1914. It gives expression to student opinion upon matters of college life, and gives complete accounts of all 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 endeavors to work 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 in Rice Hall, with rooms for both men and women. 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 three days. For a longer period the rate is \$1.00 per day.

Arrangements will be made with hospitals in the city for all cases of contagion and surgery.

In cases of prolonged or serious illness, the college may call a special nurse. The expense of this service is borne by the patient.

A medical examination blank is sent to each new student to be filled out by the family physician and sent to the college before entrance.

Expenses

Tuition and fees must be paid at the beginning of each semester, before completion of registration and before the student is admitted to classes. A loan fund, administered by the President at his discretion, is available for a limited number of students who cannot satisfy this specific requirement.

Tuition, regular student.....	Semester	\$87.50
Special student (not more than eight hours).....	"	60.00
Special Fees—		
Biology 101, 102, 121, 122.....	"	3.50
Biology 201, 204 with laboratory, 301, 302, 304 with laboratory.....	"	5.00
Biology 112, 204, 301, 302, 322.....	"	2.50
*Chemistry 101-102, 103-104, 201-301, 309-310, 331-332, 301, 305.....	"	7.00
*Chemistry 201-202, 303-304, 311-312, 313, 315.....	"	5.00
Geology.....	"	1.00
Physics 201-202, 301-302, 303-304, 311, 321.....	"	5.00
Gymnasium Locker Deposit.....	"	1.00
Guarantee Fee.....		5.00
Diploma.....		7.00

*This is a deposit fund. The actual fee charged will be based upon the cost of material.

An exchange fee will be charged on all out-of-town checks.

The maximum refund on tuition for students leaving college at any time after registration will not exceed \$75.00.

Credits will be withheld until all obligations are met.

From tuition fees the trustees, on recommendation of the faculty and students, make appropriation for athletics, library, band, orchestra, debate and oratory, "The Mac", "Mac Weekly," health service.

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 money 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.

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no class work allowed until settlement satisfactory to the Treasurer has been made.

Special Rates

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

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

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

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

Rooms and Board

Room rents for all college buildings and board at Wallace Hall and Kirk Hall are to be paid in advance each semester, except as arrangements are made with the accountant for quarterly payments.

Wallace Hall—	
Board, per semester, each person	\$112.50
Room rent, per semester, each person	62.50
Rice Hall—	
Room rent, per semester, each person	62.50
Kirk Hall—	
Board, per semester, each person	112.50
Room rent, per semester, each person	\$50.00 to 70.00

There is a limited number of rooms in Wallace Hall at \$50.00 a semester. These will be assigned only upon special application, to students who furnish satisfactory evidence that they cannot afford the other rooms.

No deductions are made on board except for illness lasting a month or more. Students leaving the institution because of illness will receive an equitable percentage on board paid.

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 \$5.00 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. 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, or when they leave college.

Rooms

There are two types of rooms in Kirk Hall: 1st, a study with two, or three, adjoining single bedrooms; and 2nd, one room comprising both study and bedroom.

The study is furnished with table, bookcase, chairs and desk light.

Each bedroom is provided with single bed, mattress, pillow, dresser and wardrobe. Sheets, pillow-cases, as well as curtains for all windows are also furnished. Students must provide their own blankets, towels, rugs, and any additional fixtures they may desire.

As indicated, the prices of these rooms vary, ranging from \$50 to \$70 per semester, depending upon location, floor space and other specified conditions.

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 first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come the reservation fees will not be returned. Rooms will be assigned in the order of application.

Students who do not live at home or with relatives are required 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.

The Y. M. C. A. employment bureau has been organized to assist students in finding work. 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 stu-

dent'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 Chairman Employment Committee, Macalester College, St. Paul.

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

Entrance Requirements

General Statement

Macalester College is a member of the Association of American Colleges, the North Central Association of Colleges and Secondary Schools and is on the approved list of the Association of American Universities. 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 three 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 cabinet and 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 four or 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.

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 should 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.

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of accredited schools. The credits will then be evaluated by the Registrar of the college and if satisfactory the student will be admitted provisionally.

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.

Suggestions to Students Preparing for Macalester College

The following suggestions respecting high school courses are not mandatory, but may be of value to future college students, now in high school or academy.

Suggested Units.—Students intending to major in Groups I or II (see page 34), are advised to present the following units for entrance:

English 4	Algebra $1\frac{1}{2}$ or 1
Latin 4	Geometry $1\frac{1}{2}$ or 1
Modern Language 2	

The remaining units may be selected from the following:

History 1 or 2	Physics 1
German 2	Civics $\frac{1}{2}$
Greek 2	Physiology $\frac{1}{2}$ or 1
French 2	Zoology $\frac{1}{2}$ or 1
Chemistry 1	Physical Geography $\frac{1}{2}$ or 1
Botany $\frac{1}{2}$ or 1	Manual Training $\frac{1}{2}$ or 1

Students intending to major in Group III are advised to present the following ten units:

English 4	Algebra $1\frac{1}{2}$
German or French 2	Geometry $1\frac{1}{2}$
Chemistry or Physics 1	

The remaining five units may be selected from the following:

Chemistry (if not above) 1	Physics (if not above) 1
Botany $\frac{1}{2}$ or 1	Physiology $\frac{1}{2}$
History $\frac{1}{2}$, 1 or $1\frac{1}{2}$	Greek 1 or 2
Zoology $\frac{1}{2}$	Physical Geography $\frac{1}{2}$ or 1
French 1 or 2	German 1 or 2
Manual Training $\frac{1}{2}$	Civics $\frac{1}{2}$

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 thirty-two 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 D carries with it no honor points.
- 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, 103 and 201-202.

Academic Credits Required of All Students:

- (1) 8 credits in Religious Education. These must include courses 101 or 106, and 201.
- (2) 6 credits in English 101-102.
- (3) 6 credits in Social Sciences and History.
- (4) 6 credits in Philosophy 201 and 205.

Additional Academic Credits for students with a major in one of the following groups:

Group I.—

- (1) 28 credits in a foreign language.
- (2) 14 credits in a second foreign language.
Of the above (1) and (2) at least 14 credits must be secured in college. In the case of the second language two high school units (12 credits) will suffice, but the total for both must be 42.
One of the above languages must be Latin or Greek.
- (3) 12 credits in Group III.
- (4) 20 credits in the major subject.

Group II.—

- (1) 28 credits in one or two foreign languages. No language shall count toward this requirement in which the student offers fewer than 14 credits (or two high school units). Any part or all of this requirement may be met by entrance credits from high school.
- (2) 18 credits in Group II other than the major subject and Religious Education.
- (3) 12 credits in Group III.
- (4) 20 credits in the major subject.

Group III.—

- (1) 8 credits in Mathematics 101-102 or 103-104.
- (2) 16 credits in a modern language unless the student has presented 3 entrance units in a modern language or 2 units in one language and 1 in another. A student presenting less than 3 units will be given proportional credit toward the required 16 credits.
- (3) 18 credits in two subjects in Group III other than the major.
- (4) 20 credits in the major subject.

Note—Language requirement of a student whose major is in Group III must be completed by the end of the junior year.

Science requirements of the student, whose major is in Group I or II, must be completed by the end of the junior year.

History and social science requirements must be completed by the end of the junior year.

Majors and Minors.—Each student who is working for a degree must elect, by the beginning of the junior year, under restrictions stated below, one major and two minors or two majors from the eighteen following departments:—

GROUP I.

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

GROUP II.

- | | |
|---------------|------------------------|
| 1. Education | 5. Religious Education |
| 2. History | 6. Social Sciences |
| 3. Music | 7. Social Work |
| 4. Philosophy | |

GROUP III.

- | | | |
|--------------|------------|----------------|
| 1. Biology | 3. Geology | 4. Mathematics |
| 2. Chemistry | | 5. Physics |

Terms Defined.—A *major* consists of a minimum of twenty credits and a maximum of forty-four credits obtained in one department.

A *minor* consists of twelve credits obtained in one department.

No credit with a grade lower than C is counted toward a *major* or *minor*.

Restrictions on Choice.—

(1) At least one of the minors must be in a different group from the major. The minors are subject to the approval of the student's adviser.

(2) The following courses are not counted toward a major or minor:—Chemistry 401, English 101-102, French 101-102, German 101-102, Greek 101-102, History 450, Latin 101-102, Mathematics 101-102 and 105-106, Religious Education 101, 106 and 201, Spanish 101-102. See, also, Biology 101-102, 121-122, 401 and Chemistry 101-102, 103-104 in department descriptions.

(3) Philosophy 201 and Social Sciences 201 and 231 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

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.

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.

Religious Education, 101 or 106, 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

GROUP II.

Religious Education 101 or 106, 2 hours	One subject from Group III
English 101-102, 3 hours	One subject from Group II
Foreign Language (to complete requirements), 3 or 4 hours	Personal Hygiene Physical Education

GROUP III.

Religious Education 101 or 106, 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:—

Religious Education 102	Geology 101-102
Biology 101-102, 121-122	History 101-102
Chemistry 101-102	Mathematics 101-102, 103-104, 105-106
English 141-142	Music
Foreign Language	

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 in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as sophomore on gaining twenty-four college credits; he is ranked junior on obtaining fifty-four college credits; he is ranked senior on obtaining ninety college credits.

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
French or German	French or German	Psychology and Ethics
Mathematics 103-104	History or Social Science	Elective
Religious Education	Physics	
	Religious Education	

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

English
Foreign Language
Religious Education
Science
History

Sophomore Year

Public Speaking and Argumentation
Foreign Language
Religious Education
Sociology and Economics
Psychology and Ethics

Junior Year

Roman Law and Jurisprudence
English Constitutional History
Debate and Oratory
Religious Education
Electives

Senior Year

International Law
History
Religious Education
Electives

Social Work.—To meet the imperative needs of our time, and in full sympathy with the practical application of Christian principles to modern conditions, the course in social work, leading to the A. B. degree, has been prepared. The student with a professional or technical career in view will find in it a solid foundation for his later special training, while those pursuing the other courses may select such numbers as will fit them to act well their parts as social citizens in the communities in which they are to live. The Twin Cities and environs afford an excellent opportunity for laboratory and research work. Supplementing the resources of the college are many agencies such as the great libraries of St. Paul and Minneapolis, and a large number of public institutions of various kinds.

For the Christian Ministry and Missionary Teaching.—The department of religious education 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, too, 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 ample 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. Each faculty member will have from fifteen to twenty students, 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 head of 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.

Courses 101-199 are open to freshmen. Courses 201-299 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 BRUER

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 suggested for Zoology: Biology 101-102, 201, 204, 205, 304, 401-402; for Botany: Biology, 121-122, 221, 222, 401-402. For work suited to the needs of the pre-medics, the following are recommended: Biology 101-102, 201, 204, 301, 302, 304.

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

A. Zoology

101-102. General Zoology.—

MR. WALTER

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. BRUER
 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.
 Second semester, two lectures, laboratory, and one field trip a week, four credits.
- 201. Comparative Anatomy.**— MR. WALTER
 Consists of lectures, quizzes, assigned readings, and an intensive laboratory study of the shark, perch, necturus, pigeon and cat.
 Prerequisite, course 102. First semester, two two-hour laboratory periods and two recitations a week, four 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.
 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.
- 205. Introductory Entomology.**— MR. BRUER
 This course deals with the life and behavior of insects and other arthropods, and their relation to plants and other animals. Emphasis will be given to those forms and problems which have a direct bearing on food conservation. Each student is required to prepare a collection. Open to all students.
 First semester. Two lectures and two laboratory periods a week, four credits.
- 301. Vertebrate Histology.**— MR. WALTER
 A study of the microscopic structure of the tissues of the body. Special emphasis is placed on training in laboratory technic.
 Prerequisite, course 102. First semester, two recitations and two two-hour laboratory periods a week, four credits.
- 302. Vertebrate Embryology.**— MR. WALTER
 A study of the development of the chick and the pig embryos.
 Prerequisite, courses 102, 301. Second semester, two recitations and two two-hour laboratory periods a week, four credits. Not offered 1928-1929.

303. Genetics and Eugenics.— MR. WALTER

The laws of heredity, as illustrated by plants and animals as well as the application of these laws to the betterment of the human race will be studied. The latest edition of "Genetics and Eugenics" by Castle will be used, supplemented by collateral readings in Thompson, Conklin and Guyer.

Prerequisite, course 102 or 121-122. 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.

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

401R. Teachers' Course.— MR. WALTER AND MR. BRUER

For those who intend to teach biology in high schools. Practical work given in the laboratory. Conferences on methods of teaching and reviews of text-books. This course does not count toward a major or minor.

Prerequisite, courses 102, 121-122, 201. Either semester, two credits.

409-410. Individual Course.— MR. WALTER AND MR. BRUER

Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. Such work will consist of laboratory exercises and assigned readings.

First or second semester, or one year, two or four credits.

B. Botany**121-122. General Botany.—** MR. BRUER

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. Applied Botany.**— MR. BRUER
 Practical applications of plants to human life. Consideration of plants useful as foods, medicine, industrial and commercial products, ornamental plants, etc.
 Prerequisite, course 121-122. First semester, two hours a week, two credits. Not offered 1928-1929.
- 222. Systematic Botany.**— MR. BRUER
 Identification and classification of plants. Devoted chiefly to the native plants of the region, including trees and shrubs.
 Prerequisite, course 121-122. Second semester, two laboratory periods a week, two credits.
- 322. Morphology of Plants.**— MR. BRUER
 Study of the great groups of plants. Special emphasis is given to the steps in the development of plants and a consideration of their economic importance.
 Prerequisite, course 121-122. Second semester, two lecture and two laboratory periods a week, four credits.

Chemistry

PROFESSORS JONES, NELSON AND MISS STURGEON

For a major in chemistry students are advised to take courses 101-102, 201-202, 301, 307-308, 309-310, and must write a thesis. Other courses advised are: two years of German or French; Physics, course 201-202; Mathematics, course 201-202; Biology, course 101-102 or 121-122; Philosophy, course 209-210. Students wishing a minor in chemistry are advised to take courses 101-102, 201-202, 307-308, 309-310. Students preparing to teach chemistry should take a major or minor in that subject, also course 401, and comply with the State requirements as given under the Department of Education.

101-102. General Inorganic Chemistry.

MR. JONES, MR. NELSON AND MISS STURGEON

The course includes a thoro study of the principal elements and their compounds, their occurrence in nature, preparation in the laboratory, etc.; 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, MR. NELSON AND MISS STURGEON

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.

154. Chemistry of Foods.—

MR. JONES

A lecture course on foods, their sources, values and conservation.

Second semester, two hours a week, two credits.

201-202. Qualitative Analysis.—

MR. NELSON

Lecture and laboratory work, including the detection and separation of the metals and the identification of the acids. The last few weeks of the year are spent in the analysis of specimens of rock and earth. Instead of this the student may make a study of materials used as paint pigments and the methods used in paint analysis.

Prerequisite, course 102. One year, two lectures, two recitations, and six or nine hours a week in laboratory, four or six credits.

301R. Quantitative Analysis.—

MR. NELSON

Lecture and laboratory work. This includes an introduction to the gravimetric and volumetric analysis and a study of the methods of determination of atomic weights.

Prerequisite, course 202. Either semester, eight hours a week, four credits.

A combination of courses 201-202 and 301 may be arranged with a total of eight credits. When students take this combination, they will register for course 201 with four credits the first semester, and course 301 with four credits the second semester.

303-304. Advanced Inorganic Chemistry.—

MR. NELSON

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

Prerequisite, course 202. One year, two lectures, two recitations and six hours in laboratory a week, six credits. Not offered 1928-1929.

305R. Advanced Quantitative Analysis.—

MR. NELSON

This is a continuation of course 301R.

Prerequisite, course 301R. One semester, four or eight hours 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, explosives, etc., 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 202. 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. Food Analysis.—

MR. NELSON

Milk and butter analyses receive special attention.

Prerequisite, course 301. One year, six hours a week, four credits or one semester, twelve hours a week, four credits. Not offered 1928-1929.

315R. Water Analysis.—

MR. NELSON

Prerequisite, course 301. One semester, six hours a week, three credits.

331-332. Physical Chemistry.—

MR. NELSON

Lectures and laboratory work. The purpose of this course is to provide a thoro foundation in theoretical and physical chemistry. It includes a general study of molecular and atomic weight determinations, the laws of gases and of solutions, the phase rule, thermo chemistry and electro chemistry.

Prerequisites, Chemistry 301, Mathematics 104, Physics 202, Mathematics 202 should be taken before or in conjunction. One year, two lectures, one recitation and six hours in laboratory a week, eight credits.

401. Teachers' Course.—

MR. JONES

A course of lectures on the teaching of chemistry.

Prerequisite, course 202. First semester, two hours a week, two credits. No fee is charged.

Credits not counted toward a major or minor.

403-404. Seminar.—

MR. JONES

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 of all majoring in chemistry. Open to seniors only, except by permission.

One year, one hour a week, two credits.

Education

PROFESSOR H. L. ANDERSON

Students who expect to qualify for a certificate to teach in the public high schools of any state should observe the faculty ruling that they confer with this department in regard to certificate requirements not later than the junior year.

Requirements for such certificates in certain states are indicated in general as follows:

State	Credits Required in Education
Iowa.....	14 plus 6 in psychology
Minnesota.....	15
North Dakota.....	16
South Dakota.....	15
Wisconsin.....	15

The Minnesota Department of Education in accordance with the statutes has directed that the requirements for a first-grade professional certificate shall be distributed as follows:

Educational Psychology.....	3 credits
Principles of Teaching.....	3 credits
Special Methods or Teachers' Courses and practice teaching with observation.....	6 credits
Elective Educational course.....	3 credits
	15 credits

Faculty endorsement for this certificate will be made upon application of seniors through the office of the Registrar.

Philosophy 201 is a prerequisite for all courses in Education. A minor in Education shall not include Education 411 or teachers' courses given in other departments. No student may enroll for more than two courses in this department during one semester, not including Education 411.

The faculty committee on appointments endeavors to place seniors in educational positions following their graduation. Obviously only those will receive the faculty recommendation for positions who show by their interest, ability and professional preparation that they are genuinely qualified to teach.

201R. Educational Psychology.—

Study is directed to individual differences in mental abilities, their correlation and relationship as well as their measurement. The inheritance of mental traits and instinctive elements of native equipment are given attention. Rate and progress of learning, transference of training, measurement of achievement, and the psychology of school subjects. This course is required for the first-grade professional certificate in Minnesota.

Open to sophomores and juniors. Prerequisite, Philosophy 201. Either semester, three hours a week, three credits.

301R. Principles of Teaching.—

This course is concerned with principles in learning and directing learning in the high school. Motivation and adapting instruction to individual differences are given careful consideration. Management of classes, the purposes of recitation, and type methods are studied and their adaptability considered. Methods of testing achievement, various outcomes of a learning situation and planning are given careful attention. This course is required for the first-grade professional certificate in Minnesota.

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

303. History of Education.—

Study is given to educational objectives, systems, and movements during the ancient and medieval periods of history. The revival of learning and the rise of religious and scientific inquiry, the rise of democracy, a new theory for education, and the establishment of state systems of education as exemplified in leading nations with special emphasis on the United States, are considered.

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

305. Public School Administration.—

Deals with American federal and state policy, with principles that underlie the administration of the public school system from the standpoint of the town, school district, city, county and state. Financing the schools, units of control, school boards, delegation of authority to superintendent of schools and organization of teaching staff receive special attention. Training, certification, appointment, tenure, pay and pensions for teachers are given consideration. Fulfills the requirements made of superintendents and principals for a course in administration.

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

306. Principles of Secondary Education.—

Considers the development of American secondary education, the secondary school pupils, their physical and mental growth, variation and selection. It takes up the aims and functions, and relationships to elementary and higher education. The secondary school curriculum, vocational guidance, community relationships, the school plant and library are given careful consideration. Fulfills the requirements made of superintendents and principals for a course in supervision.

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

402. Educational Problems.—

An advanced course devoted entirely to investigation of problems offered by the class. Each student works out his own problem in the form of a thesis based upon his investigation. Group meets on arranged schedule for reports and criticisms. Restricted to seniors who have the approval of the department of Education.

Second semester, one or two credits.

404. Statistical Methods in Education.—

This course deals with statistical method and such terminology as correlation coefficients, median, mode, variability, frequency tables, frequency surfaces, standard deviation, probability curve, percentile ranks, and so on. The aim is to give the technic for the presentation and interpretation of educational data.

Prerequisite, ninety credits, including courses 201 and 301. Second semester, two hours a week, two credits.

411R. Practice Teaching and Observation.—

Actual participation in or handling of teaching situations, under supervision when possible and under conditions which may approximate or suggest subsequent teaching experience. Opportunity for the work of this course will be secured through various educational institutions in the Twin Cities. Observation of teaching, lesson plans, teaching, conferences, reports.

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 or Teachers' Courses.—

Offered by their respective departments. At least two courses from the group indicated below are necessary for compliance with certificate requirements in public high school teaching.

Biology 401R
 Chemistry 401
 English 403
 French 402
 German 402
 History 450

Latin 402
 Mathematics 401R
 Physics 402
 Social Sciences 402
 Spanish 402

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE, DOTY,
 MAY AND WARD

A student may have a major or minor in English Literature or in English Composition and a minor in Expression. A major in English Literature shall consist of at least 14 credits in English Literature courses in which two of the following must be included: English 253-254, 255-256, 267-268 and 357-358. The remainder of the major may be made up from the following courses in the other divisions of the department: English 201, 202, 241-242 and 343-344. A minor in English Literature shall include at least one of the three Literature courses mentioned above.

A student wishing a major in English Composition will be required to take a total of 12 credits from courses in Composition and Public Speaking. He may supplement this with courses from other divisions of the department. For a minor he must take the work from the Composition division only.

A student may elect a minor in Expression providing no part of this work is counted in the major in English Literature or Composition.

A. Constructive English

101-102. Composition.—

MR. WARD, MISS MAY AND MISS DOTY

This course is required of all freshmen. Its purpose is to give the student practice in speaking and writing and to lay a foundation for future work in English.

One year, three, four or five hours a week, six credits.

- 201. Short Story Writing.**— MR. CLARK
 This course is designed for those who wish to attempt advanced work in narrative writing.
 Prerequisite, twenty-four credits. First semester, three hours a week, three credits.
- 202. Expository Writing.**— MR. CLARK
 Attention will be given to the organization and presentation of material, but the chief emphasis will be placed upon the development of the sources of originality of the student himself.
 Prerequisite, twenty-four credits. Second semester, three hours a week, three credits.
- 203-204. Newspaper Writing.**— MISS MAY
 (a) Introductory Course—This course introduces beginners to the theory and practice of journalism. Students wishing appointment to the Mac Weekly staff are advised to register for this course.
 First semester, three credits.
 (b) Advanced course—including feature and editorial writing.
 Prerequisite, course 102. Second semester, three credits.
- 207. Public Speaking.**— MR. CLARK
 The object of this course is to correct a student's faults in public speaking and enable him to present a message effectively from the platform.
 Prerequisite, twenty-four credits. First semester, two hours a week, two credits.
- 210. Extemporaneous Speaking.**— MR. CLARK
 Registration for this course is limited to eight students. An entrance is based upon competitive tests.
 Prerequisite, twenty-four credits. Second semester, two hours a week, two credits.
- 211-212. Debate and Oratory.**— MR. WARD
 Required of all students who expect to receive credit for inter-collegiate debate and oratory. Theory of argumentation and debate, study of English oratory, centering in the speeches of Burke, and practical debating.
 One year, two class hours and laboratory, four credits. One credit bonus to those who represent the college in forensic contests.
- 216. English Philology.**— MR. CLARK
 Second semester, two hours a week, two credits. Not offered 1928-1929.

- 313-314. Debate and Oratory.**— MR. WARD
 One year, laboratory only. Open to those who have represented the college for two years in forensic contests. Two credits.
- 402. Seminar in Advanced Composition.**— MR. CLARK
 This course is designed for those who have done or 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, fifty-four credits. Second semester, three hours a week, three credits.
- 403. Teachers' Course.**— MR. WARD
 This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.
 Prerequisite, fifty-four credits. First semester, two hours a week, two credits.

B. English Literature

- 251-252. American Literature.**— MISS DOTY
 Lectures and critical reading of selected authors; themes on assigned reading.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits.
- 253-254. Old English.**— MRS. JOHNSON
 A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits. Not offered 1928-1929.
- 255-256. English Literature.**— MRS. JOHNSON
 The aim of this course is to emphasize the main facts in the development of English literature from the seventh century until about 1600. Chaucer and Spenser are extensively read and discussed.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits.
- 267-268. Types of Literature.**— MR. WARD
 A general course in English and American folk and literary traditions.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits.

- 357-358. English Literature.—** MRS. JOHNSON
 Shakespeare and Milton.
 One year, three hours a week, six credits.
- 359-360. The Drama in England.—** MRS. JOHNSON
 While the course deals chiefly with the English drama, attention will be given to other literatures.
 Prerequisite, fifty-four credits. One year, three hours a week, six credits.
- 361. Nineteenth Century Prose.—** MR. CLARK
 A study of Carlyle, Emerson, Ruskin, Newman and Arnold.
 Prerequisite, fifty-four credits. First semester, three hours a week, three credits.
- 362. Nineteenth Century Poetry.—** MR. CLARK
 A study of poetry and poetic elements as revealed in the writings of Wordsworth, Coleridge, Keats and Shelley.
 Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.
- 363. World Masterpieces.—** MR. CLARK
 The course consists of an intensive study of the Book of Job, Homer's Odyssey, Dante's Inferno, Shakespeare's Othello, and Goethe's Faust.
 Prerequisite, fifty-four credits. First semester, three hours a week, three credits.
- 365. Eighteenth Century Prose.—** MISS MAY
 A study of English Prose with special emphasis on Defoe, Swift, Goldsmith and Johnson.
 Prerequisite, fifty-four credits. First semester, three hours a week, three credits.
- 366. Eighteenth Century Poetry.—** MISS MAY
 A survey of English Poetry from Dryden to Burns with special reference to the rise and growth of romanticism.
 Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.
- 373. Materials of Literature.—** MRS. JOHNSON
 A study of the principles governing literary composition.
 Prerequisite, course 256. First semester, three hours a week, three credits.
- 374. Browning and Tennyson.—** MRS. JOHNSON
 A comparative study.
 Prerequisite, course 373. Second semester, three hours a week, three credits.

375-376. The English Novel.—

MRS. JOHNSON

Its rise and development.

Prerequisite, course 256. One year, three hours a week, six credits.
Not offered 1928-1929.

C. Dramatic Art and Expression

141-142. Vocal and Physical Expression.— MISS WHITRIDGE

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

One year, three hours a week, four credits.

241-242. Literary and Dramatic Interpretation.—

MISS WHITRIDGE

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

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

245. Story Telling.—

MISS WHITRIDGE

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.

343-344. Shakespeare and Modern Drama.—

MISS WHITRIDGE

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

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

441-442. Dramatic Production.—

MISS WHITRIDGE

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

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

French

PROFESSORS FICKEN AND SUNDHEIM

A major in French presupposes at least two years of Latin or Greek. A major in French must include courses 201-202, 301 and 303 or equivalents. An equivalent of course 301 is a grade of A or B in course 103-104. An equivalent of course 201-202 is a minimum of twelve hours from courses 305 to 312 inclusive. Courses 101-102 and 402 are not counted toward a major or a minor. P

Prerequisite for all courses, except 101-102 and 103-104, is course 104, unless otherwise stated below.

101-102. Elementary French.—

MR. FICKEN AND MISS SUNDHEIM

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

One year, five hours a week, eight credits.

103-104. Intermediate French.—

MR. FICKEN AND MISS SUNDHEIM

Review of elementary grammar. Advanced grammar, composition, conversation and the reading of a number of modern French texts. Course 204 is optional as a substitute for course 104. Students with a first semester grade of A or B may, with permission of the instructor, elect an advanced course 305 to 312 as a substitute for course 104.

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

201-202. 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.

204. Scientific French.—

MR. FICKEN

A reading course for science students. Elective as a substitute for course 104.

Second semester, four hours a week, four credits.

302. French Composition and Conversation.—

MISS SUNDHEIM

Oral and written composition, ear training, reproduction, grammar review. Primarily for seniors who intend to teach French.

Second semester, three hours a week, three credits.

106
[Not offered]
Not counted toward major only for seniors in Prep III.
and alternates with

- 303. Phonetics and Diction.**— MR. FICKEN
 Organs of speech, international phonetic alphabet, intensive drill in the pronunciation of the sounds, syllables, stress groups, etc. Individual use of the phonograph for corrective purposes, phonetic transcription, memorization of a few transcribed passages.
 Prerequisite for teachers' course. First semester, three hours a week, two or three credits.
- 305. Romantic Literature.**— MR. FICKEN
 A brief survey of fiction before 1800, followed by the reading of representative works of Chateaubriand, Victor Hugo, Dumas and George Sand. The last three weeks of the course are devoted to a brief study of the romantic poets.
 First semester, three hours a week, three credits. Not offered 1928-1929.
- 306. The Modern Novel.**— MISS SUNDHEIM
 A continuation of course 305. Extensive reading of prose from Balzac to the present time.
 Second semester, three hours a week, three credits.
- 308. Eighteenth Century Prose.**— MR. FICKEN
 The philosophic movement as represented by Montesquieu, Voltaire, Rousseau and others.
 Second semester, three hours a week, three credits.
- 309. Seventeenth Century Drama.**— MR. FICKEN
 Corneille, Racine and Moliere with particular emphasis on the latter.
 First semester, three hours a week, three credits.
- 312. Nineteenth Century Drama.**— MR. FICKEN
 Extensive reading of plays representative of French dramatic currents since 1830.
 Second semester, three hours a week, three credits. Not offered 1928-1929.
- 402. Teachers' Course.**— MR. FICKEN
 The problems of secondary teaching. Values, aims and methods are discussed. The files of the Modern Language Journal and similar periodicals are used extensively for special reports and collateral reading. Criticism of elementary text-books; formulation of a two-year course for high schools; incidental continuation of phonetics, conversation and grammar review.
 Prerequisite, courses 301 and 303 or equivalents and ninety credits. Second semester, two hours a week, two credits.

Educ. 301 Prereq.

Geology

PROFESSORS ALEXANDER AND YARWOOD

Students whose major is Geology should have a working knowledge of elementary Biology, Chemistry and Physics. If this is lacking they should register in one of the following courses: Biology 101-102, Chemistry 101-102, Physics 201-202.

101-102. General Geology.—

A study of the forces at work within and upon the surface of the earth, the structural forms which these forces have produced and the history of the earth and the life upon it. Illustrated lectures combined with recitations and quizzes upon text work and assigned reading. Field work for the study of local geology.

One year, three lecture and recitation and two laboratory hours a week, eight credits.

201. Mineralogy.—

A study of the common crystal forms and the practical methods for the identification of the useful minerals.

Prerequisite, Chemistry 102. First semester, one lecture and four laboratory hours a week, three credits.

202. Petrology.—

A study of the more common and important rocks, including methods of recognition, and the interpretation and uses of them.

Prerequisite, Geology 201. Second semester, one lecture and four laboratory hours a week, three credits.

301. Regional Geology.—

A study of the geologic structures and the history of the upper Mississippi valley. This course is given particularly for students living in Minnesota, Wisconsin, Iowa and northern Illinois.

Prerequisite, Geology 102. First semester, three hours a week, three credits.

302. Economic Geology.—

A study of the most important geologic products of the earth, their mode of occurrence and secondary alterations. The time is given largely to the useful metals, coal, oil and the building materials.

Prerequisite, Geology 102 and 202. Second semester, three hours a week, three credits.

311-312. Paleontology.—

A laboratory and lecture course dealing with the most important genera and species of invertebrates, followed by a course in fossil biology, devoted largely to ancestral mammals.

Prerequisite, Biology 201 or Geology 102. One year, one recitation and four laboratory hours a week, six credits.

German

PROFESSORS MILROY AND KOHLHAUPT

101-102. Elementary German.—

Essentials of grammar, reading, conversation. This course is intended for students who have had no German.

One year, five hours a week, eight credits.

103-104. Intermediate German.—

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.

201. Survey of German Literature.—

A general survey course up to the classic period; readings and reports.

Prerequisite, course 104. First semester, three hours a week, three credits.

202. Lessing.—

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.

203-204. Modern Prose and Drama.—

General reading course.

Prerequisite, course 104 if the language was begun in college. Those presenting three years of high school German may elect either this course or one of courses 201, 202 or 302. One year, three hours a week, six credits.

301. Studies in History of German Literature.—

General survey of German literature from the earliest times to the end of the Middle Ages.

Prerequisite, course 204, or equivalent. First semester, three hours a week, three credits.

302. Schiller.—

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.

303-304. Medical German.—

Readings from general works on physiology, anatomy and bacteriology.

One year, three hours a week, six credits.

305. Goethe.—

Study of Goethe's life and of his lyrics, ballads, dramas and prose works.

Prerequisite, courses 301 and 302 or their equivalent and fifty-four credits. First semester, three hours a week, three credits. Not offered 1928-1929.

306. Goethe's Faust.—

Critical and Analytical study of Part I, its sources and development.

Prerequisite, course 303 and fifty-four credits. Second semester, three hours a week, three credits. Not offered 1928-1929.

307. Lyric Poetry.—

Development of German lyric poetry from the Middle Ages to our own day.

Prerequisite, fifty-four credits. First semester, three hours a week, three credits. Not offered 1928-1929.

309. Composition.—

Advanced Syntax, practical composition and conversation.

First semester, two hours a week, two credits.

402. Teachers' Course.—

Methods of teaching, text-books, phonetics, etc. Required of all those who desire to teach German; with others optional.

Prerequisite, course 204 or equivalent and ninety credits. Second semester, two hours a week, two credits.

Greek

PROFESSOR HALL

Course 101-102 is not counted toward a major or minor.

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 1928-1929.

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.

303. The Drama.—

Selected plays of Aeschylus or Euripides and Aristophanes. Rise and development of tragedy and comedy. The Greek theater and production of plays.

Prerequisite, course 302. First semester, three hours a week, three credits.

304. The Odyssey.—

Selections from Books I-XII. Sight reading. Literary study of the whole poem from the English translations of Palmer and of Butcher and Lang.

Prerequisite, course 302. Second semester, three hours a week, three credits.

306. Lyric Poetry.—

Selections from the elegiac and lyric poets.

Prerequisite, course 302. Second semester, two hours a week, two credits.

311. English Course in Greek Literature.—

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 RITCHEY AND HOLMES

A major in History should include courses 101-102 and 203-204. Deviations from this requirement should receive the approval of the department. Students electing either a major or a minor should consult the department regarding courses in order to obtain the proper sequence and combination. Course 450 does not count toward a major or minor in history.

101-102. The Modern World.—

MR. RITCHEY AND MR. HOLMES

A brief survey of late medieval history followed by a careful study of the development and diffusion of modern culture since the fifteenth century. Political, social, economic, religious and other interests will receive appropriate emphasis. This course is intended to serve as a basis for advanced work in history and to assist in the study of other subjects which require familiarity with the growth of modern civilization.

Open to freshmen and sophomores; to juniors and seniors only by arrangement with the department.

One year, three hours a week, six credits.

104-105. The Modern World.—

MR. HOLMES

Identical with 101-102, but beginning in the second semester and continuing thruout the first semester of the following year. Intended primarily for freshmen who enter in the second semester or who for other reasons are not able to take 101-102.

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.

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

- 203-204. American History.—** MR. RITCHEY
 This course will begin with a sketch of American colonial history. The important political and economic factors involved in the history of the American people from the Revolution to the present time will constitute the essential part of the study.
 Prerequisite, twenty-four credits. One year, three hours a week, six credits.
- 211. Ancient Civilization.—** MR. RITCHEY
 A study of the historical development of early culture with chief stress on Greek and Roman civilization.
 Prerequisite, twenty-four credits. First semester, three hours a week, three credits.
- 215. Medieval Civilization.—** MR. HOLMES
 The development of European culture from the decline of the Roman Empire to the opening of the fourteenth century.
 Prerequisite, twenty-four credits. First semester, three hours a week, three credits.
- 301-302. Europe Since 1815.—** MR. HOLMES
 An intensive study intended to acquaint students with the development of political, social and economic forces in European history after the Congress of Vienna. A study will be made of the personalities involved in the period. During the second semester emphasis will be placed on the international problems which arose subsequent to 1870.
 Prerequisite, fifty-four credits. One year, three hours a week, six credits.
- 304. Renaissance and Reformation.—** MR. HOLMES
 Lectures and assigned readings covering the period from about 1300 to 1648, and dealing with the revolt from established authority which characterized cultural and religious life during this period.
 Prerequisite, fifty-four credits, including History 101-102 or 215. Second semester, three hours a week, three credits.
- 306. The French Revolution.—** MR. HOLMES
 A study of social, economic and political forces leading to the upheaval of 1789 and continuing to the Congress of Vienna.
 Prerequisite, fifty-four credits, including History 101-102. Second semester, three hours a week, three credits. Not offered 1928-1929.

- 307. The Historical Development of American Government.—** MR. RITCHEY
The development of American governmental institutions will be studied in relation to the various political problems with which the American people have dealt.
Prerequisite, fifty-four credits, including History 203-204; or taken concurrently with 203-204. First semester, three hours a week, three credits.
- 309. The History of American Diplomacy.—** MR. RITCHEY
A chronological survey of American diplomatic history.
Prerequisite, fifty-four credits, including History 203-204. First semester, three hours a week, three credits. Not offered 1928-1929.
- 310. The Westward Expansion of the United States.—** MR. RITCHEY
A study of the westward expansion of the United States and the political and economic problems involved.
Prerequisite, fifty-four credits, including History 203-204. Second semester, three hours a week, three credits.
- 311. The History of Minnesota.—** MR. RITCHEY
A general survey of the settlement and development of Minnesota.
Prerequisite, fifty-four credits, including History 203-204. First semester, three hours a week, three credits. Not offered 1928-1929.
- 400. Introduction to Seminar Methods.—** MR. RITCHEY AND MR. HOLMES
This course is intended to give introductory training in methods of research to students who are majoring in the department.
Prerequisite, ninety credits. Second semester, three hours a week, three credits.
- 450. Teachers' Course.—** MR. RITCHEY
This course is intended to assist in the preparation of those who expect to teach History in secondary schools. It does not count toward a major or minor in the department.
Prerequisite, ninety credits. Second semester, two hours a week, two credits.

Latin

PROFESSOR MATHISEN

A student whose major is in the Latin department should have had four years of Latin in high school and will be required to take courses 201, 202, 203, 204, and one other course. If the student has had only two years of High School Latin, he may take courses 103-104 and then go on with the requirements as stated above. Course 101-102 does not count toward a major. For a minor a

student must have one year of advanced Latin (201 and 202 or 203 and 204) beyond High School Latin or course 104. Students who desire a recommendation for teaching Latin are required to have had at least four years of High School Latin and course 402, but are strongly urged to take course 305. 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 Social Sciences 201, 301 and 361, History 211, Philosophy 311 and English 216 and 258.

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.

103-104. 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.

201. Livy.—

Selections from Livy's account of the Second Punic War.

Prerequisite, four years of High School Latin or course 104. First semester, four hours a week, four credits.

202. Comedy.—

Representative plays of Plautus and Terence. Collateral work in the history of the drama and the Roman theatre.

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

203. Cicero.—

Readings from Cicero's essays and philosophical works.

Prerequisite, four years of High School Latin or course 104. First semester, four hours a week, four credits. Not offered 1928-1929.

204. Horace.—

Selections from the whole of Horace's works.

Prerequisite, course 203. Second semester, four hours a week, four credits. Not offered 1928-1929.

301. Poets of the Republic.—

Study of the poets of the republican period with especial emphasis on the writings of Catullus and Lucretius.

Prerequisite, courses 202 and 204. First semester, three hours a week, three credits. Not offered 1928-1929.

303. Writers of the Silver Age.—

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

Prerequisite, courses 202 and 204. First semester, three hours a week, three credits.

306. History of Latin Literature.—

Lectures on the lives and writings of the important Latin authors. A reading knowledge of Latin is advisable.

Second semester, one hour a week, one credit.

308. Roman Poetry.—

A survey of Latin Poetry from Ennius to the Church Fathers.

Prerequisite, courses 202 and 204. Second semester, three hours a week, three credits. Not offered 1928-1929.

309-310. Advanced Composition.—

A thoro review of Latin Grammar in connection with prose composition.

One year, one hour a week, two credits.

402. Teachers' Course.—

Consideration of the problems pertaining to the teaching of High School Latin.

Prerequisite, course 104. Second semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSORS KINGERY AND JENSEN

Courses 101-102 and 105-106 are not counted toward a major or minor. Course 301-302 is required for a major.

101-102. Algebra, Trigonometry and Analytic Geometry.—

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

One year, four hours a week, eight credits.

103-104. Analysis.—

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

One year, four hours a week, eight credits.

105-106. Mechanical Drawing.—

A course designed for those taking shop work or preparing for technical schools.

One, two or three semesters, four hours a week, one, two or three credits.

201-202. Advanced Analysis.—

Rectangular, polar and parametric equations, derivatives, integrals, double and triple integration, differential equations.

Prerequisite, course 104. Four hours a week, eight credits.

204. Surveying.—

Prerequisite, course 104. Second semester, three hours a week, three credits.

205-206. Mathematics of Investment.—

Prerequisite, course 104. One year, two hours a week, four credits.

301-302. Advanced Calculus.—

Integral Calculus with introduction to Differential Equations.

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

351-352. Astronomy.—

Text-book, lectures and practical work with sextant, transit and clock.

Prerequisite, course 202. One year, four hours a week, six credits.
Not offered 1928-1929.

401R. Advanced Algebra and Geometry.—

Intended especially for those preparing to teach.

Prerequisite, course 202. Either semester, three hours a week, three credits.

Music

MR. FAIRCLOUGH, MR. JENSEN, MR. FENYVES,

MISS HECK AND MISS YOUNG

Music may be chosen as a major or minor. The total number of credits permitted in such work is forty-four.

1. Suggested course for those majoring in music with a maximum number of credits (44):

First Year

Elementary Harmony (101-102)
 Ear Training (105-106)
 History of Music (103-104)
 Applied Music

Second Year

Advanced Harmony (201-202)
 Form and Analysis (203-204)
 Applied Music

Third Year

Counterpoint (301-302)
 or
 Advanced History (305-306)
 Public School Music (401-402)
 or
 Applied Music

Fourth Year

Composition (303-304)
 or
 Normal Piano (405-406)
 or
 Normal Voice (407-408)
 Advanced Public School Music
 (403-404)
 or
 Applied Music

2. Suggested courses for those majoring in music with a minimum number of credits (28):

A:

Elementary Harmony (101-102)
 Ear Training (105-106)
 History of Music (103-104)
 Advanced Harmony (201-202)
 Form and Analysis (203-204)
 Applied Music

or B:

Elementary Harmony (101-102)
 Ear Training (105-106)
 History of Music (103-104)
 Advanced Harmony (201-202)
 Public School Music (401-402)
 Advanced Public School Music
 (403-404)
 Voice

3. Courses required for those minoring in music:

Elementary Harmony (101-102) Ear Training (105-106)
 History of Music (103-104)

For a detailed description of courses, see Conservatory of Music.

101-102. Elementary Harmony.—

One year, two hours a week, four credits.

103-104. History of Music.—

One year, three hours a week, six credits.

105-106. Ear Training.—

One year, one hour a week, two credits.

201-202. Advanced Harmony.—

Prerequisite, course 101-102. One year, two hours a week, four credits.

203-204. Form and Analysis.—

Prerequisite, course 101-102. One year, two hours a week, four credits.

301-302. Counterpoint.—

Prerequisite, course 201-202. One year, two hours a week, four credits.

303-304. Composition.—

Prerequisite, courses 201-202 and 203-204. One year, two hours a week, four credits.

305-306. Advanced History.—

Prerequisite, course 103-104. One year, two hours a week, four credits.

401-402. Public School Music.—

One year, two hours a week, four credits.

403-404. Advanced Public School Music.—

One year, two hours a week, four credits.

405-406. Normal Training in Piano.—

One year, two hours a week, four credits.

407-408. Normal Training for Voice.—

One year, two hours a week, four credits.

Applied Music.—

Voice, piano, organ and violin.

Philosophy and Psychology

PROFESSORS ANDERSON AND RYDER

A major in this department includes along with other courses to meet the requirements, Philosophy 205, 209, 220, 312. A minor should include the first three courses above.

The department recommends to students purposing intensive work in this field that they should cultivate as far as possible the languages, social and historical studies and the sciences.

201R. General Psychology.—

An introductory survey of the theory, principles, laws and applications of normal human psychology. Text assignments, lectures, reference reading and simple experiments.

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

205R. Ethics.—

This course includes an historical sketch of ethical theories and of the conceptions of life that have been held, a study of ethical theory and of practical problems.

The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis.

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

209. Logic and Scientific Method.—

This is a course chiefly in the methods of investigation and proof. It includes the elements of deduction and induction, a study of fallacies, their nature and kinds, and brief discussion of the theory of logic.

First semester, three hours a week, three credits.

220. Introduction to Philosophy.—

A course intended to introduce the student to the problems that concern the meaning of the world. It will seek to explain what the chief problems are, indicate some of the solutions offered 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, courses 201 and 205. Three hours a week, three credits,

311. History of Philosophy, Ancient and Medieval.—

Beginning with the early Greeks this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato, Aristotle and others are required.

Open to students of sophomore standing, who have taken course 201 or 205. First semester, three hours a week, three credits.

312. History of Philosophy, Modern.—

Continuing the preceding, from Descartes to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.

Open to students of sophomore standing, who have taken course 201 or 205. Second semester, three hours a week, three credits.

313-314. Formal Logic.—

This covers the formal aspects of the subject in some detail. It includes the consideration of modal propositions, existential import, and other matters not usually dealt with in introductory courses.

Prerequisite, course 209-210. One year, two hours a week, four credits. Not offered 1928-1929.

325. On the Relation of Mind and Body.—

to 2
An historical sketch of opinions held on this subject, followed by discussion of theories of the present day as they relate to this topic.

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

326. Philosophy of Religion.—

This course has in view, in particular, the conceptions of God, of the world and of man, which are involved in Christianity. These are compared as thoroly as the time allows with the various conflicting conceptions.

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

330. Modern Idealism.—

to 2
Typical idealistic philosophers are studied thru selected works with the hope of awakening a larger appreciation of the idealistic point of view.

Second semester, three hours a week, three credits. Not offered 1928-1929.

Physics

PROFESSORS ALEXANDER AND YARWOOD

Students whose major is Physics must take courses 201-202, 301, 302 and 311. In addition they are advised to take Chemistry 101-102.

201-202. General Physics.—

This is a short course which covers the entire subject in one year and consists of lectures, demonstrations and laboratory work. The aim is to lay the foundation for those desiring to do advanced work and to afford others an opportunity for securing the practical knowledge and training in scientific method which the subject presents. This course meets the minimum requirement for pre-medical students. Students without credit in High School Physics will be required to do supplementary work under a tutor.

Prerequisite, Mathematics 102. One year, six hours a week, eight credits.

301. Advanced Mechanics, Sound, Heat.—

This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as

largely as possible from observation and experiment. About thirty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, course 202. First semester, six hours a week, four credits.

302. **Advanced Light and Electricity.**—

This course includes a thoro study of electricity and light. Thirty experiments are performed, twenty of which are in electricity, giving the student an opportunity to familiarize himself with electrical measuring instruments. The work in light includes measurements with the photometer, spectrometer and interferometer.

Prerequisite, course 202. Second semester, six hours a week, four credits.

311R. **Advanced Physics.**—

In this course a thoro study is made of topics, approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research.

The course may be repeated with different topics.

Prerequisite, course 301 or 302 and Mathematics 202. Either semester, four hours a week, two credits.

321. **Laboratory Technic.**—

In this course a study is made of the design, construction, operation and repair of the more elementary laboratory apparatus and of the use and manipulation of laboratory materials. The aim is to afford those students who are preparing to teach physics a practical working knowledge of the physical laboratory.

Prerequisite, course 202. First semester, four hours a week, two credits.

402. **Teachers' Course.**—

A study of the content of a High School course in Physics, the arrangement of the subject-matter and the methods of teaching that will stimulate thoughtful interpretation of physical laws.

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

Religious Education

On the Frederick Weyerhaeuser, John C. Martin and Thomas Synnott Foundations

PROFESSORS WALLACE, FRANKLIN, KAGIN AND MR. FLETCHER

The aim of the department is twofold: first, to familiarize every student of the institution with the literature upon which Christianity is based and lead him to a rational, Christian interpretation of the universe; and second, to discover, to inspire and train those students who have the capacity for Christian leadership, for professional or lay service in the church. The work of the department is given on three levels, as follows:

Required Courses.—8 credits in the department are required for graduation. These must include 101 or 106 and 201.

Service Minor.—The aim of this minor is to give leadership training to those students who wish to devote some of their time to volunteer work in the various activities of the church. 12 credits are required in addition to courses 101 or 106 and 201.

Vocational Major.—

1. This schedule aims to give a prevocational foundation to those who are preparing to study for the Christian ministry. At least 20 credits are required.

Prerequisites: Courses 101 or 106 and 201; Philosophy 209, 220 and 326; Greek 101-102.

Schedules must include the following: Courses 102 or 107, 103-104, 311-312, and 323-324.

2. This aims to give professional training that will equip the student to undertake the work of a director of religious education, pastor's assistant, church secretary or teacher of week day schools of religion. At least 20 credits are required.

Prerequisites: Courses 101 or 106, and 201; Philosophy 209, 220, 326; Sociology 201, and Education 201.

Schedules must include the following: Courses 102 or 107, 103-104, 311-312, and 323-324, and should include Dramatic Art and Expression 442 and one course in the department of Social Work.

101-102. The Life of Christ.—

MR. FRANKLIN

This is studied by means of a harmony of the gospels. By way of introduction attention is directed to the political and religious condition of the time and to the characteristics and view-point of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen per-

sonal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time. Attention is directed primarily to the careful study and interpretation of the text of the gospels.

Required of freshmen, one semester, two hours a week, two credits. Elective, one semester, two hours a week, two credits.

Students who are already fairly familiar with the gospels, or who for any reason prefer to do so, may, in lieu of the above, take course 103-104.

103-104. Old Testament History.— MR. FRANKLIN

A study of the History of the Hebrew people from the earliest times to the Maccabean period. This course is basic, a prerequisite to advanced work in the department. Offered in special cases in place of course 101-102.

One year, two hours a week, four credits. Elective either semester.

106-107. The Life of Christ.— MR. FRANKLIN

Identical with 101-102, but beginning in the second semester and continuing throughout the first semester of the following year. Intended primarily for those who enter in the second semester or for those who for other reasons have not received credit for 101-102.

One year, second and first semesters. Two hours a week, four credits.

201R. The Missionary Labors of the Apostles.—

MR. WALLACE

These studies are based on the Acts of the Apostles and in part on the New Testament Epistles. The growth of the early church is carefully traced and the whole movement is viewed as a continuance of the work of Christ thru the agency of the Holy Spirit and of His inspired apostles. The authorship and credibility of the Acts, its teaching concerning Jesus, the Holy Spirit, and the organization of the early church receive special attention.

Elective either semester
 Required of sophomores, either semester, two hours a week, two credits.

203. Church History.— MR. KAGIN

This course is designed to give a survey of the rise, growth, and development of the Christian Church to the present time. Special emphasis is given to outstanding characters and events.

Prerequisite, twenty-four credits. First semester, three hours a week, three 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, 24 credits. Second semester, three hours a week, three credits.

205-206

301-302. The Literary Study of the Bible.— MR. FRANKLIN

This course is designed for students desiring to make a thoro study of the sources and relationships of the various types of literature represented in the Hebrew and Christian Scriptures. Emphasis is laid on the growth of the literature out of historical situations, and on the special characteristics of the various types of literary production.

First semester: Old Testament.

Second semester: New Testament.

Prerequisite, ~~fifty-four~~ ²⁴ credits, including courses 103-104 and 201. One year, two hours a week, four credits. Not offered 1928-1929.

303. Oriental History Contemporary with the Old Testament.— MR. WALLACE

This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this material to the explication of Old Testament history.

Prerequisite, courses 101 and 201. First semester, two hours a week, two credits.

304. Prophets of Israel.— MR. WALLACE

This course consists of a careful study of the prophets, their place in history and in the life of their nation and their communities. Emphasis is laid upon their ethical and religious messages and their permanent contribution to the religious thinking of the world.

Second semester, two hours a week, two credits.

311. Apologetics.— MR. WALLACE

A brief exposition of Christian theism. History of the presentation and defense of Christianity with special emphasis on the important episodes from the time of the early contact with Greek philosophy down to the modern adjustments with natural sciences, philosophy, sociology, and comparative religion.

First semester, two hours a week, two credits.

Essentials of Christian Beliefs

- 312. Comparative Religion.**— MR. WALLACE
 A study of the great religious systems of the world including Hinduism, Buddhism, Zoroastrianism, Confucianism, Taoism, Shintoism and Islam. An analysis of the elements common to these systems and Christianity and of the elements that are peculiar to Christianity.
 Second semester, two hours a week, two credits.
- 313. Social Teachings of Christianity.**— MR. WALLACE
 This includes a careful study of the social teachings of the Bible, their influence on the institutions of mankind, their application to current problems, comparison with the social teaching of some of the other leading religions.
 First semester, two hours a week, two credits.
- 314. Christianity and the State.**— MR. WALLACE
 The object of this course is to train the student in Christian statesmanship, to ascertain and classify the biblical principles that have to do with the functions and problems of the State, including the State's international relations, to trace the influence of these principles in the development of free institutions, to make clear the moral basis of democracy, to show that the highest statesmanship must be Christian and that this statesmanship is imperatively demanded by present world conditions and that by these alone can party platforms and public policies be soundly tested.
 Second semester, two hours a week, two credits.
- 321. Organization and Administration of Religious Education.**— MR. KAGIN
 A comprehensive survey of the problem of the organization of church schools and their correlation with public school systems. Special emphasis is given to a study of the organization and administration of the local church school and the week day school of religion.
 Prerequisite, fifty-four credits. First semester, three hours a week, three credits.
- 322. Curriculum Building in Religious Education.**— MR. KAGIN
 The purpose of this course is to study the origins and historical development of the present religious curriculum, to formulate the educational principles and to state the fundamental theory

which should govern in the making of a curriculum of religious education, and to describe and in some measure to estimate the essential value of the current curricula of our church schools in the light of the most significant trends in modern educational theory and practice.

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

323-324. Principles of Moral and Religious Education.—

MR. KAGIN

335 A critical examination of the principles underlying educational theory as related to the moral and religious fields with special consideration given to the bearing of current philosophical and psychological systems upon the teaching of religion. An attempt is made to point out adequate foundations upon which a system of religious training may be built.

Prerequisite, fifty-four credits, including Philosophy 220. One year, two hours a week, four credits.

327-328. Psychology of Childhood and Adolescence.—

MR. FRANKLIN

(327) A study of the mental capacities and development of the child from infancy through the eleventh year with special reference to principles and methods affecting the teaching of religion. First semester.

(328) Continuation of the study of the child through the adolescent stage to adult life. Second semester.

Prerequisite, Philosophy 201. One year, two hours a week, four credits.

331. Week-Day Religious Education.—

MR. KAGIN

A study of the origin, growth and development of the week-day school of religion. Emphasis is laid on organization, administration, needs of the curriculum, community cooperation and correlation of the work with the public school system.

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

332. Young People's Work.—

MR. KAGIN

This course is designed to acquaint the student with the history, problems, and methods of work for adolescents in the local church.

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

326 Psych of Relig

- 333-334. Pedagogy in Religious Education.**— MR. KAGIN
 A study of the theory and technic of teaching religion, including objectives and classroom procedure, and the planning, preparation and presentation of a series of lessons which members of the class will teach under supervision of the instructor and under standard academic requirements in churches in the Twin Cities.

Prerequisite, fifty-four credits. One year, three hours a week, six credits. Only three credits may be counted toward a major or a minor.

Social Sciences

PROFESSORS DAVIS AND RYDER

All the courses may be counted toward a major or minor except 201 and 231, which can only be counted toward a minor.

A. Sociology

- 201R. Introduction to Sociology.**— MR. RYDER

An introductory and orientation course in the social sciences; a study of the development of human societies, institutions and social organization; human nature; society and the group; isolation and social contact; communication; competition, conflict, accommodation and assimilation; social forces; social control; collective behavior and social progress.

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

- 301. Social Psychology.**— MR. RYDER

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

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

- 302. History of Social Ideas.**— MR. DAVIS

This course will include (1) the social views of the ancient nations; (2) the ideal republics from Plato down to the present; (3) modern socialistic schemes.

Prerequisite, course 201. Second semester, three hours a week, three credits. Not offered 1928-1929.

303. Social Origins.— MR. RYDER

A study of social origins and cultural development; stages in cultural evolution: theories of culture; primitive concepts and the origin of cultural patterns; the development of tools, food processes, agriculture, war, clothing, decorations, housing, fine arts, property, the family, law and government, morality, religion, education and science; curves of civilization; human culture in retrospect and prospect.

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

304. Criminology and Penology.— MR. RYDER

A study of the problem of crime and criminals; factors in criminality; the evolution and theory of punishment; penal institutions, parole, and indeterminate sentence; police, courts, and other agencies of justice; social treatment and prevention of crime.

Prerequisite, course 301. Second semester, three hours a week, three credits.

305. Modern Cities.— MR. RYDER

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

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

306. Sociology of Rural Life.— MR. RYDER

The background and development of country life; rural conveniences, communication, cooperation; the farmer and politics; rural social institutions, especially the family, school, church and social centre; rural leadership, surveys, community organization and social agencies.

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

308. Social Guidance.— MR. RYDER

A study of major social problems, or man's quest for social guidance; the spirit and method of science; society and the objective of the good life; the individual and society; social waste and maladjustment; the organic relationships involved in all social problems; social planning, social values, public welfare, social science; the ends of social endeavor.

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

B. Economics**231R. General Principles.—** MR. DAVIS

A general survey is taken of the history, theories and generally accepted principles of the science, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig and others.

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

331. Business Organization.— MR. DAVIS

A study of the different types of business organization with emphasis on combination and its relation to public policy.

Prerequisite, course 231. First semester, three hours a week, three credits.

333-334. History of Economic Theory.— MR. DAVIS

This course will trace the development of economic thought in the principal nations of Europe and America, especially in relation to philosophy and conditions of environment. The histories of Haney, Ingram and Gide will be used for reference.

Prerequisite, course 231. One year, three hours a week, six credits.

335. The Industrial History of England.— MR. DAVIS

The intention of this course is to make the student acquainted with the salient features of England's industrial and commercial progress and thus prepare him for a study of the economic history of the United States. The works of Cheney, Ogg, Innes, Usher and others will be used for reference. A knowledge of English history is expected.

Prerequisite, course 231. First semester, three hours a week, three credits.

336. Economic History of the United States.— MR. DAVIS

An historical study of American agriculture, commerce, transportation, industry and finance.

Prerequisite, course 231. Second semester, three hours a week, three credits. Not offered 1928-1929.

C. Political and Legal Sciences**252. Elements of Political Science.—** MR. DAVIS

The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States.

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

361. Roman Private Law.— MR. DAVIS

The object is to acquaint the student with (1) the origin and development of Roman Law; (2) its relation to modern systems of State Law. A knowledge of Latin is expected.

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

362. Elements of Jurisprudence.— MR. DAVIS

Holland's "Jurisprudence" is used. The general subjects considered are Laws and Rights, Private, Public and Adjective Law, the object being to acquaint the student with the principles of fundamental law in their historical development and their practical application to the several phases of social life.

Prerequisite, course 361. Second semester, three hours a week, three credits.

363. Commercial Law.— MR. DAVIS

A study of contracts, sales, agency, negotiable instruments, partnerships, corporations, insurance, personal property, real property, suretyship and bankruptcy.

Prerequisite, course 231. First semester, three hours a week, three credits. Not offered 1928-1929.

364. International Law.— MR. DAVIS

General principles of public international law, treating of the legal relations of states and of individuals as developed by positive agreement in the form of treaties, by common usage, and by diplomatic practice and the conduct of nations.

Prerequisite, course 361 or 362. Second semester, three hours a week, three credits. Not offered 1928-1929.

402. Method and Teaching of the Social Sciences.— MR. DAVIS

The object of this course is to train the student in the methods of scientific approach and of instruction in the class room. Analysis and discussion of representative treatises. Practical exercises by students.

Prerequisite, courses 201 and 231 and fifty-four credits. Second semester, two hours a week, two credits.

Other courses for which credit is given in this department are:

History 201-202, English, Political and Constitutional.

Philosophy 205, Ethics.

Social Work

PROFESSOR BERRY

102. The Field of Social Work.—

An introductory course. Social problems, their causes, prevention, and treatment will be studied. Lectures on case work, group work, social research and reform. Visits to social agencies will be made. The course has been planned to aid students to meet their obligations as Christian citizens interested in social justice. It is of value to students who plan to teach, to enter the ministry, mission, the field of religious education, business, the professions or the home.

Second semester, three hours a week, three credits.

201R. Social Case Work.—

This includes a study of the technic of analysis and treatment of individual and family problems. Fundamental principles of social treatment will be taught thru the study of case records, readings and lectures.

Prerequisite, Social Science 201 or 231 completed or in progress. Either semester, three hours a week, three credits.

202. Advanced Social Case Work.—

A continuation of course 201. The records selected illustrate the treatment of more complex problems.

Prerequisite, course 201 and Social Science 201 or 231 completed or in progress. Second semester, three hours a week, three credits.

203. Child Welfare.—

The obligations of society to the child: a study of the social agencies and laws for the welfare of the child. This includes problems of child labor, vocational guidance, health, mental hygiene, recreation, dependency, juvenile delinquency, etc.

Prerequisite, Social Science 201 or 231 completed or in progress. First semester, three hours a week, three credits.

204. Advanced Child Welfare.—

A continuation of course 203.

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

301. The Family.—

Contemporary problems of the family, including family attitudes, antagonisms, changing status of women, divorce, employment of married women, etc. The necessary background will be secured by a study of the evolution of the family, the contributions of its various forms, and the family as the principal primary group and medium of social control.

Prerequisite, Social Science 201 or 231 and fifty-four credits. First semester, three hours a week, three credits.

302. Field Work.—

The application of the principles of social case work thru field work in cooperation with the St. Paul United Charities.

Prerequisite, courses 201, 301 and Social Science 231 and 301, ninety credits. Second semester, six hours of field work, two credits.

303. Settlements.—

The history, philosophy, development and spiritual significance of the settlement, its problems and activities.

Special emphasis on the technic of program planning and club leadership.

Prerequisite, Social Science 201 or 231. First semester, one hour of class work, three hours of field work, in cooperation with Twin City social agencies, two credits. Not offered 1928-1929.

305. Immigration and the Immigrant.—

A study of immigrant problems, racial antagonisms, claims of racial superiority, immigration laws, restriction, and Americanization programs.

Prerequisite, Social Science 201 or 231 completed or in progress. First semester, three hours a week, three credits. Not offered 1928-1929.

307. Social Survey.—

A course in methods of organizing and conducting social surveys, analyzing the results, and presenting the facts graphically for the improvement of existing social conditions. An actual survey will be conducted by the members of the class. Alternate for course 303.

Prerequisite, Social Science 201 or 231. First semester, one hour of class work, three hours of field work, two credits.

Spanish

PROFESSOR CHALFANT

101-102. Elementary Spanish.—

Grammar, composition, conversation, reading.

One year, five hours a week, eight credits.

103-104. Intermediate Spanish.—

Composition and conversation, together with readings largely from Latin American literature and reports from Spanish periodicals.

One year, four hours a week, eight credits.

201-202. The Modern Spanish Novel.—

Reproductions and reports.

One year, three hours a week, six credits. Not offered 1928-1929.

303-304. Introduction to the Study of the Modern Spanish Drama.—

The authors to be especially studied—Galdos, the Quinteros, Benavente.

One year, three hours a week, six credits.

311. Advanced Composition.—

This course consists of letter-writing, free reproductions and original compositions. As a part of the work there will be given a complete review of Spanish Grammar.

Prerequisite, course 104. First semester, two hours a week, two credits. Not offered 1928-1929.

313. Modern Spanish-American Literature.—

The object of this course is practical. Lectures in Spanish will be given by the instructor on the history, development and literature of the Spanish-American countries. Outside reading and reports in Spanish will be required of the students.

Prerequisite, course 104. First semester, two hours a week, two credits.

402. Teachers' Course.—

In this course the modern methods of teaching Spanish are discussed. Text-books and other supplementary books and material useful in the teaching of Spanish are recommended and examined. A review of Spanish grammar and a study of phonetics are carried on thruout the course. Observation of high school, college and university classes in Spanish, with reports on such observation is required.

Prerequisite, two years of Spanish. Second semester, two hours a week, two credits.

Physical Education

All candidates for a degree are required to have two years of Physical Education and a semester course in Personal Hygiene. First year students must register for courses 101-102 and 103.

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

Men

MR. PRIMROSE, DIRECTOR

Courses 203-204 and 205-206 may be substituted for course 201-202.

101-102. Elementary Gymnastics.—

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

Required of freshmen. One year, two hours a week.

103R. Personal Hygiene.—

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.—

This course aims to enable the student to swim well enough to meet emergencies.

Open to all, two hours a week.

201-202. Advanced Gymnastics and Apparatus Work.—

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.—

A continuation of course 105. May be substituted for course 201-202.

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

205-206. Athletics.—

All students will be given an opportunity and are encouraged to participate in some form of athletics. A student who has attended the regular practice of intercollegiate teams for three semesters, providing he has average proficiency in these sports, may substitute this attendance for course 201-202.

302. Athletic Coaching.—

Football, basketball, baseball, track and field athletics will be offered. Schedule making, equipment and care of teams. For those who expect to do high school coaching.

Prerequisite, course 102, and regular attendance at practice of intercollegiate teams. Second semester.

Women

MISS CAMPBELL, DIRECTOR

Students who have finished courses 101-102 and 103 may register for one of the following courses.

101-102. Developmental Activities.—

Stunts, self-testing activities, Danish gymnastics, games, folk dancing.

Required of freshmen. One year, two hours a week.

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.

201-202. Sports.—

Includes volley ball, field hockey, basket-ball, track, baseball, with work out of doors when weather permits.

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

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.

**Macalester College
Conservatory of Music**

Summit and Cambridge Avenues
Telephone, Emerson 1361

***HARRY PHILLIPS**
Director

JESSIE M. YOUNG
Assistant to Director

*Deceased

Faculty

*HARRY PHILLIPS, Mus. M., Director,
Voice Culture, Vocal Normal, College Choir.

GABRIEL FENYVES,
Piano.

GEORGE HERBERT FAIRCLOUGH, Mus. M., F. A. G. O.,
Piano, Organ.

CARL A. JENSEN, A. A. G. O.,
Harmony, History of Music, Form and Analysis,
Counterpoint, Piano.

JESSIE MAY YOUNG, A. A. G. O.,
Piano, Normal Piano, Assistant to Director.

CARL F. GUGGISBERG,
Voice.

PEARL JOHNSON,
Voice.

MYRTLE WEED,
Piano.

HELEN FLICK,
Piano.

CLAIR THORALDSON,
Piano.

RUTH BACH KUCHEMAN,
Piano.

FLORENCE BAUERMEISTER,
Piano.

*Deceased

LENORE K. THOMAS,
Piano.

ELAINE L. GERBER,
Piano.

MATHILDA HECK,
Public School Music.

HELEN HARRIS,
Violin.

HELEN SMITH,
Violoncello.

EMMA GREENE,
Banjo, Guitar, Ukelele.

General Statement

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including Harmony, Counterpoint, Form and Analysis, Composition, Musical History and Public School Music. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year.

Upon entrance pupils are examined, classified and placed in their fitting grade by the director.

Degrees and Certificates

Conservatory students may work toward a Bachelor of Music degree, a Diploma in Voice, Piano, Organ or Violin, a Teacher's Certificate in Piano or Voice, a Certificate in Normal Training for Piano or Voice or a Certificate in Public School Music. College students may choose music as a major or minor subject. For credits allowed toward a college degree, see page 63.

Bachelor of Music Degree.—This degree will be 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 will then be allowed to obtain in music fifty of the one hundred and twenty-six credits required for graduation. The candidate shall choose a major and minor in Applied Music. The entire course through the senior year must be completed in the major subject and at least two credits must be obtained in the minor subject. Those majoring in Piano, Organ or Violin must obtain two credits in Voice, and those majoring in Voice, four credits in Piano.

Credits in Applied Music will be based on the number of lessons taken, the number of hours of practice, and the work accomplished. The candidate is expected to show marked ability for public performance by appearing frequently in student recitals and by giving at least three public recitals, from memory, of advanced difficulty. Credit toward the degree will be granted for recital work.

The following college subjects are required: English, six credits, Religious Education, eight credits, Foreign Language, fourteen credits (if deficient at entrance, three years), Education, six credits, Philosophy, six credits, the remaining credits elective.

Bachelor of Arts Degree with Major in Music.—Any college student may elect music as a major or minor. On a major, the maximum number of credits allowed is forty-four, and the minimum required is twenty-eight. A minor in Music requires a minimum of twelve credits.

Diploma of the Conservatory.—This diploma is awarded to any student who completes the senior grade in any branch of Applied Music, together with the following theoretical work: eight credits (two years) in Harmony, two credits (one year) in Ear Training, four credits (one year) in Form and Analysis, four credits (one year) in Counterpoint, and six credits (one year) in History of Music.

One public recital is to be given in the junior year and one in the senior year.

This course is open to those who are not enrolled in the college.

Certificate of the Conservatory in Public School Music.—This certificate will be given to those who complete the two years' course in Public School Music Methods, two years of Harmony, one year of Ear Training, one year of History of Music and one year of Voice. The Department of Education of the State of Minnesota grants a certificate to those who complete this course.

Certificate of the Conservatory in Normal Piano or Voice.—This certificate is granted to those who complete one year of Normal Training, together with two years of Harmony, one year of Ear Training, and one year of Musical History. The course may be completed in two years provided the student shows enough proficiency in the chosen branch of Applied Music.

Courses of Study

Theory

101-102. Elementary Harmony.—

MR. JENSEN

Text-book used, "The Theory and Practice of Tone Relations" by Goetschius.

One year, two hours a week, four credits.

105-106. Ear Training.—

MR. JENSEN

Required of all students of Harmony. One year, one hour a week, two credits.

201-202. Advanced Harmony.— MR. JENSEN

Text-book used, "The Theory and Practice of Tone Relations" by Goetschius.

Prerequisite, Elementary Harmony. One year, two hours a week, four credits.

203-204. Form and Harmonic Analysis.— MR. JENSEN

This includes analysis of harmonic structure and a study of form structure from the simple period to the larger complex types of musical composition. It is the purpose of the course to acquaint the student with the means and methods employed by the masters in the art-craft of music building. Text-books used, "Harmonic Analysis" by Cutter, and "Lessons in Music Form" by Goetschius.

Prerequisite, Elementary Harmony. One year, two hours a week, four credits.

301-302. Counterpoint.— MR. JENSEN

This course includes simple counterpoint in strict style, in two, three, four or more parts; invertible counterpoint; imitation; elementary fugal exposition.

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

103-104. History of Music.— MR. JENSEN

Music is one of the most vital forms of self-expression possessed by humanity. Musical art, as we enjoy it today, is the fruit of many centuries of evolutionary development. It is the function of history to trace this growth from its remote beginnings, on through its numerous intermediate stages, down to the present era. This course includes a broad and comprehensive survey of the entire field of Musical History, supplemented by special study of the chief branches of the art, and of the forms and instruments pertaining to each. The text-book used is "The History of Music" by Pratt. For research, our students have access to excellent reference works in the St. Paul and Minneapolis public libraries.

One year, three hours a week, six credits.

305-306. Advanced History of Music.— MR. JENSEN

Special research work in various branches and periods of music.

Prerequisite, course 104. One year, two hours a week, four credits.

491-492. Public School Music Methods.— MISS HECK

This course is devoted to the study and demonstration of methods and materials for the kindergarten and the first six grades. Special attention is given to the study of the child voice; rote singing; introduction of sight-reading; tonal and rhythmic problems; testing and classification of voices; music appreciation. Observation of class room work is required.

One year, two hours a week, four credits.

493-494. Advanced Public School Methods.— MISS HECK

This course is devoted to the study and demonstration of methods and materials for seventh and eighth grades, Junior and Senior High School. Special attention is given to three- and four-part music; the changed voice; conducting; chorus; glee club; harmony; courses in music. Observation and practice teaching required.

One year, two hours a week, four credits.

495-496. Normal Training in Piano.— MISS YOUNG

A study of the principles underlying piano technic; modern methods of teaching piano. Special attention is given to the child's first lessons. Practice teaching required.

One year, two hours a week, four credits.

497-498. Normal Training in Voice.—

This will constitute a vocal master class, intended for all students of voice (free to those majoring in voice and studying with the head of the department). Extended study and discussion of different vocal methods, the principles of correct tone production, vocal literature and the psychology of teaching music are among the features of this class. All students expecting to teach will be required to pass an examination on the physiological and mechanical construction of the vocal organs in relation to the correction of faulty intonation and tone production.

One year, two hours a week, four credits.

303-304. Composition.— MR. JENSEN

Prerequisites, courses 202 and 204. One year, two hours a week, four credits.

Piano

MR. FENYVES, MR. FAIRCLOUGH, MR. JENSEN
AND MISS YOUNG

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 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 will be examined by the director upon the work of that semester as outlined, and progress toward completion of the course will be 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 Inven-
tions 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

Instruction in vocal culture is based on the best points taken from all methods. Results are evident from the first lesson.

Freshman Year.—A study of the simplicity of breath control. A knowledge of vowels and consonants in their relation to the singing and speaking voice. Drill in tone production. *Marzo*, *Concone*, *Sieber* or *Marchesi* vocalizes. Songs of moderate difficulty.

Sophomore Year.—Continued drill in technic. Easier selections from oratorios and operas. Classic art songs.

Junior Year.—Drill in vocal technic. Songs from standard operas, oratorios and cantatas. Classic and modern songs of advanced grade. Appearances in public recital.

Senior Year.—An extensive repertoire from best song literature. Performance of at least four complete roles from standard oratorios or operas. Senior recital. Practical experience in teaching.

Organ

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

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

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

Third Year.—Continuation of the study of *Bach's* works, sonatas of *Mendelssohn*, *Guilmant*, and other examples of organ literature.

Fourth Year.—Further continuation of the study of *Bach*, more particularly the larger and more difficult works. The sympho-

nies, 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.

Students may also get an insight into the requirements of playing for a moving picture.

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, Accolay I. Seitz I, 3, 4. Dancla Op. 89 Six Airs. Duos, Pleyel Op. 48.

Junior Grade.—Sevcik, 40 Variations, Hrimali 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, Paganini, etc.

Credits are allowed on the same basis as for piano.

Recitals

A number of recitals are given at the Conservatory each year by advanced students and members of the faculty. All students of piano and voice are required to attend.

Concerts

Students of Macalester Conservatory have many opportunities to attend musical events in the cities of St. Paul and Minneapolis. The Chicago Opera Company visits St. Paul in the spring, the

Minneapolis Symphony Orchestra gives sixteen concerts, membership in the Schubert Club of St. Paul and the Thursday Musicale of Minneapolis is open to students, and there are constant opportunities to attend recitals by the foremost artists of the country. Students are often able to get reduced rates.

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. Pupils are taken at any age or stage of advancement and may enter at any time. Our teachers have been required to take courses in Normal Training and to have made especial preparation for the instruction of children. 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.

For detailed information, apply to the Conservatory, corner of Summit and Cambridge Avenues.

Children's Classes

Classes of children in music essentials.

All classes, Saturday, 9:00 to 12:00.

Preparatory Voice

Young students wishing to take up elementary voice may get instruction at moderate rates from the advanced voice students of the Conservatory, who have had one year's normal training.

Terms

College students shall pay their bills for music courses at the college office at the beginning of each semester. Harmony, History of Music, Form and Analysis, Counterpoint and Normal Methods

are included in the college tuition, but other subjects are to be paid for at the rates specified below.

Those students who wish to take music only without entering the college may enter at any time of the year and pay their tuition monthly upon receipt of bill therefor. Lessons in Applied Music alone vary from 75 cents to six dollars a half-hour lesson.

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

Voice.....	\$36.00 to \$144.00
(a) Vocal Class.....	(According to number)
Piano.....	\$18.00 to \$108.00
Pipe Organ.....	72.00 to 144.00
Violin.....	18.00 to 144.00
Harmony 101.....	25.00
Harmony 201.....	20.00
History of Music.....	10.00
Public School Music.....	40.00
Counterpoint.....	25.00
Form and Analysis.....	20.00
Composition.....	20.00
Children's Theory Classes.....	5.00
Normal Methods (Piano or Voice).....	20.00
Piano Practice (One Hour Daily).....	8.00
Organ Practice (Per Hour).....	.25
Registration Fee for Day Students Taking Class Work..	1.00
Conservatory Diploma.....	7.00

(a) For students with limited funds.

Students not taking a full college course, may register for from six to eight hours a week in the college and pay a fee of \$60.00.

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. . . . Minneapolis, Minn.
 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.
 Bellevue, Neb.
 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. Easton, Pa.
 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 Chicago, Ill.
D. D. to Rev. James B. Lyle Turtle Creek, Pa.
D. D. to Rev. T. Ross Paden Minneapolis, Minn.
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 Wausau, Wis.
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 Oakdale, Pa.
D. D. to Rev. David A. Thompson Portland, Ore.
- 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.

Roll of Students

Senior Class

Pearl Allain	Duluth, Minn.
Waldo Paul Anderson	Anoka, Minn.
Ernest Reinhart Armstrong	St. Paul, Minn.
Edith Carolyn Bayard	St. Paul, Minn.
Clara Beatrice Ballard	Wabasso, Minn.
Dorothy Adelia Barackman	Duluth, Minn.
Allison Frank Barnard	St. Paul, Minn.
Albert Phillips Beedon	St. Paul, Minn.
Frank Lewis Benson	Buffalo, Minn.
Elma Peltola-Brown	Kasson, Minn.
Benjamin Carl Cedar	Kerkhoven, Minn.
Margaret Mae Chambers	Owatonna, Minn.
Ray Fleming Cochrane	Crookston, Minn.
Vivian Combacker	St. Paul, Minn.
Richard Leonard Corrin	Minneapolis, Minn.
Quentin Baker Crawford	St. Paul, Minn.
Ruth Elizabeth Crawford	St. Paul, Minn.
Harriet Liddell Creswell	Minneapolis, Minn.
Margaret Amburn Dahlen	Fergus Falls, Minn.
Elisabeth Caldwell Dow	Minneapolis, Minn.
Marion Myrtille Eastlee	St. Paul, Minn.
Frances Christine Englund	Minneapolis, Minn.
Alice Julia Fisher	St. Paul, Minn.
Mary Faith Forrest	Clearbrook, Minn.
Elna Gustilie Forssell	St. Paul, Minn.
Ada Lillian Forus	Minneapolis, Minn.
Erma Idella Fritz	Clara City, Minn.
Ruth Trussell Fulton	Jackson, Minn.
Esther Emma Glaeser	Gibbon, Minn.
Jenaro Reyna Gonzalez	Guanajuato, Gto., Mexico
Gordon Welshons Gray	Marine-on-St. Croix, Minn.
Albert Theodore Haakinson	So. St. Paul, Minn.
Carol Haney	Eveleth, Minn.
Muriel Haney	Eveleth, Minn.
Mary Eleanor Hansen	Minneapolis, Minn.
Howard Edwin Hedman	St. Paul, Minn.
Verner Nathaneal Hegg	Minneapolis, Minn.
Anna Evelyn Helweg	Fulda, Minn.
Inez Hindman	Anoka, Minn.
Wallace Frederick Janssen	St. Paul, Minn.
Mary Elizabeth Jones	Rapid City, S. D.
Florence Kaufman	Brewster, Minn.
Samuel Brown Kirkwood	St. Paul, Minn.
Alma Victoria Knutson	Cannon Falls, Minn.
Lloyd Learned	Buffalo, Minn.
Paul Raymond Lindholm	Ortonville, Minn.
Marvin Lundblad	Slayton, Minn.

Harriet Irene Miller	Grove City, Minn.
Watson Alfred Morton	St. Paul, Minn.
Elizabeth Susannah Nease	St. Paul, Minn.
Mary Alice Nease	St. Paul, Minn.
Ferdinand Elsworth Nelson	St. Paul, Minn.
Agnes Elizabeth Nyfors	Eveleth, Minn.
Gladys Evangeline Nyquist	Cokato, Minn.
Evelyn Catherine Odendahl	St. Paul, Minn.
Charles Whittlesey Olds	St. Cloud, Minn.
Bessie Eleanore Orr	St. Paul, Minn.
Vera Muretta Oskey	Minneapolis, Minn.
Jean Elizabeth Paine	Minneapolis, Minn.
Angeline Alice Paskewitz	Philbrook, Minn.
Orville Clyde Peterson	St. Paul, Minn.
Marjory Spalding Robertson	Langdon, N. D.
Donald Everson Rogers	St. Paul, Minn.
Mary Jane Rosenberger	Sarles, N. D.
Lorraine Josephine Rydeen	St. Paul, Minn.
Helen Viola Samuelson	St. Paul, Minn.
Dorothy Smythe	Glen Lake, Minn.
Angie Mae Sturgeon	Amboy, Minn.
Ruth Hortense Sundin	Buffalo, Minn.
Ralph James Sutherland	Chatfield, Minn.
Edna Marian Van Valkenburgh	Chippewa Falls, Wis.
Helen Elizabeth Veigel	Mankato, Minn.
Gladys Ermina Voorhees	Eveleth, Minn.
William Grant Walker	Stephen, Minn.
Anna Warga	Holdingsford, Minn.
Ella Mae Warrant	Kasota, Minn.
Elsie Evelyn Wik	Millard, S. D.
Ernest Schuyler Wilcox	Pine City, Minn.
Emma Margaret Williams	Owatonna, Minn.
Delbert LeRoy Wood	Mankato, Minn.

Junior Class

Mae Claire Bailey	Virginia, Minn.
John Hurst Ball	Crookston, Minn.
Ruth Marion Benson	St. Paul, Minn.
Albert Roy Berg	Pine City, Minn.
Helen Wicker Brack	St. Paul, Minn.
Virginia Brokaw	Litchfield, Minn.
Ada Elizabeth Bruncke	St. Paul, Minn.
Helen May Buzzell	Chatfield, Minn.
Harriet Mae Campbell	St. Paul, Minn.
Marian Edith Carl	Clara City, Minn.
Clayton Leon Carver	Lamberton, Minn.
Clifford Emmanuel Channer	Windom, Minn.
Charles Cole Cooper	Chatfield, Minn.
Thomas Edwin Davis	Benson, Minn.
Mildred Dorothy DePoe	Cloquet, Minn.

Franklin Meade Dickson.....	Dalzell, S. D.
Clayton LeRoy Dunning.....	Rushmore, Minn.
Doris Engel.....	Big Lake, Minn.
Doris Perle Erickson.....	Minneapolis, Minn.
Margaret Rebecca Finney.....	Red Wing, Minn.
Helen Hope Fitzsimons.....	St. Paul, Minn.
Ronald Danehart Frederickson.....	Willmar, Minn.
Lester Martin Frey.....	St. Paul, Minn.
Mary-Eva Gaskell.....	St. Paul, Minn.
Garth Gilbert Gee.....	Stevens Point, Wis.
Jacob Gendler.....	Blue Earth, Minn.
Katherine Elizabeth Genung.....	Baldwin, Wis.
Kathryn Elsie Gray.....	Minneapolis, Minn.
Arthur Peydon Guy.....	Oakes, North Dakota
Christian Willard Haas.....	Maynard, Minn.
Ernest John Hallander.....	St. Paul, Minn.
Theodore Everett Holcomb.....	St. Paul, Minn.
Doris Elaine Howe.....	Albert Lea, Minn.
Mildred Marie Jerabek.....	Silver Lake, Minn.
Chester Eugene Johansen.....	Minneapolis, Minn.
Adolph Einar Johnson.....	St. Paul, Minn.
Malvina Caroline Johnson.....	Russell, Minn.
Myrtle Mae Johnson.....	Arago, Minn.
Ruth Louise Kachel.....	St. Paul, Minn.
Alma Petra Kelsen.....	St. Paul, Minn.
Monte Frank Keyes.....	International Falls, Minn.
Alice Cornelia Kingery.....	St. Paul, Minn.
Bertha Emelia Koch.....	St. Paul, Minn.
Edna Margaret Koch.....	St. Paul, Minn.
Stanley Edmund Kreidler.....	Minneapolis, Minn.
Gladys Viola Larson.....	Minneapolis, Minn.
Ervin Helmuth Lindemann.....	Park Rapids, Minn.
Clara Arvilla Lorance.....	Lamoni, Iowa
Henry Paul Lundblad.....	Slayton, Minn.
Grace Delight Maetzold.....	Minneapolis, Minn.
Leonard Julius Martin.....	Minneapolis, Minn.
Marian Hazel More.....	Elmore, Minn.
Margaret Emily Neibel.....	St. Paul, Minn.
Hildur Grace Nelson.....	St. Paul, Minn.
Marjorie Agnes Nereson.....	Ossian, Iowa
Margaret Eleanor Nodolf.....	Minneapolis, Minn.
Milan Vaclav Novak.....	Cobb, Wis.
Dorothy Mildred Orr.....	St. Paul, Minn.
Harold George Paff.....	Blue Earth, Minn.
Mabel Virginia Peterson.....	Big Lake, Minn.
Ruth Alyce Phillips.....	Redwood Falls, Minn.
Elsa Selma Pinney.....	Le Sueur, Minn.
Norman H. Reitz.....	Lititz, Pa.
Ruth Beatrice Richards.....	St. Paul, Minn.
Stewart Thomas Robertson.....	St. Paul, Minn.
Charles Lawrence Rock.....	St. Paul, Minn.

Gilbert Hiram Rogers	Red Wing, Minn.
Adelaide Alberta Rowley	Spicer, Minn.
Gladys Violet Rundquist	St. Paul, Minn.
Theophil Ernest Payne Rusterholz	St. Paul, Minn.
Gordon Buxton Sanders	Minneapolis, Minn.
Max Charles Schiffman	St. Paul, Minn.
Charles Joseph Schlapkohl	Lakefield, Minn.
George Dexter Setzler	Osseo, Minn.
Frank Maynard Snyder	Elmore, Minn.
Emily Lucile Sovde	Tower, Minn.
Paul Benjamin Stone	Red Wing, Minn.
Paul Warren Stoughton	Hudson, Wis.
Joanna Mary Warga	Holdingsford, Minn.
James Paul Wasgatt	Winnebago, Minn.
Caroline Mary Anna Weiler	St. Paul, Minn.
Hazel Eunice Wheeler	Hendricks, Minn.
Leonard Canning Whittles	Eau Claire, Wis.
Roger Richard Wickstrand	Kenosha, Wis.
Helen Cynthia Young	Canton, Minn.

Sophomore Class

Elizabeth Pearl Adams	Jasper, Minn.
James Lincoln Adams	Morgan, Minn.
Wibur Brisbon Allen	Wausau, Wis.
Clarence Wesley Andersen	Minneapolis, Minn.
Alton Anders Robert Anderson	Amery, Wis.
Raymond Oscar Nicholas Anderson	Amery, Wis.
Kenneth Gerhard Andresen	St. Paul, Minn.
Eleanor Grace Andrews	St. Paul, Minn.
Beth Lydia Appleby	Pine City, Minn.
Robert Earle Armstrong	St. Paul, Minn.
Evelyn Freda Arndt	Winnebago, Minn.
Charles Henderson Aull	St. Paul, Minn.
Russell Fahy Bavin	St. Paul, Minn.
Ralph Herbert Bayley	Lake City, Minn.
Hannah Wheeler Ball	St. Paul, Minn.
Elsmer Andrew Benedum	St. Paul, Minn.
Clifford Benson	Browns Valley, Minn.
Marion Latten Blake	Eagle Bend, Minn.
Howard Eben Bloom	Cambridge, Minn.
Lucile Helen Bloom	Center City, Minn.
Bert Howard Boerner	Sunburst, Montana
Elizabeth Josephine Bowden	St. Paul, Minn.
Lauren Van Brown	Albert Lea, Minn.
Zelda Analee Brown	Marshall, Minn.
Neil Douglas Campbell	Mankato, Minn.
Ruth Chisholm	White Bear Lake, Minn.
Curtis Alfred Christianson	St. Paul, Minn.
Allen DeGray Clark	Minneapolis, Minn.
George Vernon Clark	Eden Prairie, Minn.

Bernice Lorraine Cooley.....	St. Paul, Minn.
Ruth Augusta Coombs.....	Ely, Minn.
Charles Seymore Dellmore.....	St. Paul, Minn.
Marjorie Grace Donaldson.....	St. Paul, Minn.
Bertha Lela Duncan.....	Billings, Montana
Marie Olene Eng.....	Cottonwood, Minn.
Paul Arthur Erlanson.....	St. Paul, Minn.
Frank Edwin Ferris.....	Glen Lake, Minn.
Burette Alice Fisk.....	So. St. Paul, Minn.
Charles Donald Furer.....	Fairfield, Neb.
Burton Piper Grimes.....	Madelia, Minn.
Alice Christine Grube.....	Foley, Minn.
Mildred Rosalie Grunau.....	So. St. Paul, Minn.
Florence Annabel Haglund.....	Cannon Falls, Minn.
Raymond William Hansen.....	Delavan, Minn.
Mabel Lenore Harlis.....	Welch, Minn.
Elizabeth Grace Hay.....	Bloomington, Minn.
Lillie Frances Heald.....	Elbow Lake, Minn.
Willard Lee Held.....	Mankato, Minn.
Margaret Hickok.....	Owatonna, Minn.
Marjorie Rose Holler.....	St. Paul, Minn.
John Andrew Holt.....	North Branch, Minn.
John Archibald Howard.....	Minneapolis, Minn.
Latimer B. James.....	Madelia, Minn.
Lenice B. James.....	Madelia, Minn.
Dwight Russell Johnson.....	Minneapolis, Minn.
Herbert Oscar Johnson.....	St. Paul, Minn.
Lillian Marie Johnson.....	Hollandale, Minn.
Raymond Oliver Johnson.....	Cloquet, Minn.
Avonelle Marie Jorgensen.....	Albert Lea, Minn.
Wesley George Josephson.....	Amery, Wis.
Evelyn Marian Kammer.....	Chatfield, Minn.
Karl Justin Kay.....	Camp Point, Ill.
Edward Raymond Kienitz.....	North Branch, Minn.
Harry Elvin Kluver.....	Clara City, Minn.
Beryl Elaine Krause.....	Hutchinson, Minn.
William Frederick Krause.....	Canton, Minn.
Marian Jane Krook.....	Marshall, Minn.
Edwin Arnold Krusemark.....	Slayton, Minn.
Herbert Otto Laatsch.....	Chippewa Falls, Wis.
Marguerite Lains.....	No. St. Paul, Minn.
Harold David Laurence.....	So. St. Paul, Minn.
Thalia Ruth Lines.....	Browns Valley, Minn.
Eleanor Hilda Lione.....	Stephen, Minn.
Howard Lohn.....	Crookston, Minn.
Wyllys Fields McElroy.....	Minneapolis, Minn.
Ellen Laura McMartin.....	Claremont, Minn.
Helen Zada McMillen.....	Albert Lea, Minn.
Audrey Joy Maetzold.....	Minneapolis, Minn.
James Zbytovsky Marsh.....	St. Paul, Minn.
Nellie Catherine Maurer.....	Mapleton, Minn.

Marjorie Eleanor Moore	Winnebago, Minn.
Robert Emmett Murphy	Duluth, Minn.
Henry Wilson Murray	St. Paul, Minn.
Marion Adele Neal	St. Paul, Minn.
Shirley Brown Nelson	Albert Lea, Minn.
Sidney William Nelson	St. Paul, Minn.
William Herman Arthur Neujahr	St. Paul, Minn.
Nedra Claire Olsen	Duluth, Minn.
Lena Rose Paskewitz	Philbrook, Minn.
Elvera Peltola	St. Paul, Minn.
Grace Irene Peltola	St. Paul, Minn.
Vernon Joel Person	Big Lake, Minn.
Venzel Peterson	Harris, Minn.
Evelyn Dolores Powell	Marshall, Minn.
Lucy Roberts	Buffalo, Minn.
Mary Elizabeth Roney	Stillwater, Minn.
Carmen Joy Root	Delavan, Minn.
Margaret Eloise Rusterholz	St. Paul, Minn.
Theodore Roosevelt Salmon	Cambridge, Minn.
Helen Elaine Sanders	Minneapolis, Minn.
Beth Shanks	St. James, Minn.
Ben Siemens	Goldfield, Iowa
Elizabeth Marie Simonson	St. Croix Falls, Wis.
Ruth Irene Slocumb	Menomonie, Wis.
Forest Adelbert Smith	St. Paul, Minn.
James Douglas Smith	Cottonwood, Minn.
Ruth Harriet Sorn	St. Paul, Minn.
Sophie Mae Spooner	Rock Lake, N. D.
Eldon Jasper Springmeyer	Canton, Minn.
Margaret Ayling Stanchfield	St. Paul, Minn.
Margaret Steen	Kerkhoven, Minn.
Osmun Randolph Strander	Crookston, Minn.
Alice Betsey Swanson	Russell, Minn.
Arthur Harold Swanson	Foreston, Minn.
Harry Donald Taylor	St. Paul, Minn.
Herbert Templin	Buffalo, Minn.
Mary Katharine Thomas	Minneapolis, Minn.
Consuelo Thompson	St. Paul, Minn.
Stanley Hobart Tyler	Mound, Minn.
Lester Julius Ulrich	Amboy, Minn.
Dorothy Ann Weisz	Brainerd, Minn.
John Henry West	Buffalo, Minn.
Allan Bert Wilcox	Harris, Minn.
Benjamin Yukl	Holdingford, Minn.
Harvey George Zeller	West Concord, Minn.

Freshman Class

Louis Philip Albrecht	Minneapolis, Minn.
Lois Margaret Anderson	Tower, Minn.
Walfred Carl Anderson	Metropolitan, Mich.
Eleanor Harriet Arends	St. Paul, Minn.

Oliver Caldwell Armstrong.....	Bruno, Minn.
Arvid John Aronson.....	Annandale, Minn.
Harriet Baker.....	St. Croix Falls, Wis.
Russell Lowell Baker.....	Hayfield, Minn.
Mary Gwetholyn Beedon.....	St. Paul, Minn.
William Amos Benjamin.....	St. Paul, Minn.
Alice Benson.....	White Bear Lake, Minn.
Mortimer Berggren.....	Forest Lake, Minn.
Clara Mary Berke.....	Mound, Minn.
Wilbur Franklin Bernstein.....	Minneapolis, Minn.
Russell Floyd Blaisdell.....	Hayfield, Minn.
Clifford Donald Bloom.....	White Bear Lake, Minn.
Dorothy Mary Bodwell.....	St. Paul, Minn.
Helen Cambria Anderson Bolstad.....	Dawson, Minn.
Florence Hudson Brack.....	St. Paul, Minn.
Verda M. Branch.....	St. Paul, Minn.
Arthur Ervin Brandt.....	St. Paul, Minn.
Albert Paul Brodin.....	Spooner, Minn.
Helen Edith Bruce.....	Minneapolis, Minn.
Irving Vincent Bruns.....	St. Paul, Minn.
Florence Evelyn Cain.....	Willmar, Minn.
William Allen Caine.....	Stillwater, Minn.
William Harris Caine.....	Anoka, Minn.
Clayton Donald Calgren.....	Cokato, Minn.
Helen Marjorie Carl.....	Clara City, Minn.
John Elmer Chalberg.....	Grand Rapids, Minn.
Alexander Harry Cheadle.....	Jackson, Minn.
William Edwards Clark.....	Minneapolis, Minn.
Donald Henry Collogan.....	Minneapolis, Minn.
Raymond LeRoy Cramer.....	Winnebago, Minn.
Florence Adeline Dahlmeier.....	Pipestone, Minn.
Rachel Jean Davies.....	Estherville, Iowa
Mildred Lenora Davis.....	Foley, Minn.
Donald Gordon Denning.....	Sedan, Minn.
Merrill Grant Douglas.....	Bruno, Minn.
Ralph Eugene Dunham.....	Minneapolis, Minn.
Chester Walter Dwight.....	Blue Earth, Minn.
Caroline Louise Eddy.....	Willmar, Minn.
Clifford Orvis Erickson.....	Fertile, Minn.
Earl Clarence Everson.....	Cloquet, Minn.
Harold Henry Ferris.....	Glen Lake, Minn.
Vergne Thomas Finch.....	Minneapolis, Minn.
Helen Mary Fisher.....	St. Paul, Minn.
Ruth Herriott Fleischmann.....	Duluth, Minn.
Dorothy Flint.....	St. Paul, Minn.
William Moen Force.....	Mankato, Minn.
Warner William Forsman.....	Crystal Falls, Mich.
Philoma Grace Foster.....	Duluth, Minn.
John Allen Freed.....	St. Paul, Minn.
Kathryn Alean Fryer.....	Mantorville, Minn.
Eleanor Bess Furtney.....	St. Paul, Minn.

Louis Archie Gingold	St. Paul, Minn.
George Rudolph Gordh	St. Paul, Minn.
Marjorie Jean Graham	Crookston, Minn.
Miles Justin Gullickson	Fertile, Minn.
Caroline Edna Gunderson	Mound, Minn.
Bernard George Gutz	Pequot, Minn.
Evelyn Lydia Haberkorn	St. Paul, Minn.
Gloria Florence Hackett	St. Paul, Minn.
Lester Nicholas Haedt	Mankato, Minn.
Charles Carlyle Hamilton	Belfry, Montana
Roy Earl Hansen	Tracy, Minn.
Lyle Connor Healy	Mankato, Minn.
Irene Ruth Hedberg	St. Paul, Minn.
Otto Fred Heidrich	Crookston, Minn.
Lyle Alvein Holmes	Austin, Minn.
Loraine Frances Howey	Bruno, Minn.
Donald Hudson	Bowman, N. D.
Glen Richard Hultgren	Spicer, Minn.
Helen Louise Huntoon	St. Paul, Minn.
Delpha Myrl Inman	Estherville, Iowa
Waltrena Elizabeth Irwin	White Bear, Minn.
Donald Hoidale Jackson	Dawson, Minn.
Douglas Lien Jacobs	Willmar, Minn.
Alfred Arthur Jacobsen	Aitkin, Minn.
Elwin Emil Jerabek	Silver Lake, Minn.
Paul Ames Johnson	Cloquet, Minn.
Wallace Russel Johnson	Minneapolis, Minn.
Eva Mary Kelsey	Minneapolis, Minn.
Leslie George Kienholz	Amboy, Minn.
Vernetta Ileen Kinter	Austin, Minn.
Leonard Milton Klein	Mountain Lake, Minn.
Margaret Ruth Klingbeil	Blooming Prairie, Minn.
Wessel Alfred Kluver	Clara City, Minn.
Lillian Emma Koch	St. Paul, Minn.
Arden Wayne Koelz	Cottonwood, Minn.
Clarence Gust Koepke	Elmore, Minn.
Lester Orville Krampitz	Buffalo, Minn.
Geraldine Kriz	St. Paul, Minn.
Donald Walter Kulstad	Farmington, Minn.
Marlys Mary Lahr	Bismarck, N. D.
Warren Van Langford	Minneapolis, Minn.
Elaine Margaret Laughlin	Grey Eagle, Minn.
Betty Williams LeMaster	St. Paul, Minn.
Ardivan David Lewis	Barnum, Minn.
Elmer Julian Lien	St. Paul, Minn.
Esther Marie Lindahl	Cambridge, Minn.
Margaret Bernice Lindegreen	Stillwater, Minn.
Sylvester Riely McCall	Polson, Montana
Clayton Fitch McCallum	Black River Falls, Wis.
Marjorie McKay	Park Rapids, Minn.
Helen Beatrice McLeod	Farmington, Minn.

Dorothy MacWilliams	Mora, Minn.
Harold Allen Mackinder	Old Forge, Pa.
Leland Macumber	St. Paul, Minn.
Virginia Markwood	Minneapolis, Minn.
William Wayne Marshall	Shakopee, Minn.
Lewis Erwin Merman	St. Paul, Minn.
Muriel Birdielyn Mertens	Northfield, Minn.
Charlotte Broms Messing	St. Paul, Minn.
Clarence Mickelson	Braham, Minn.
Alice Ursula Miller	St. Paul, Minn.
George Arthur Miller	Marshalltown, Iowa
Rachel Lorraine Moulton	Minneapolis, Minn.
Carolyn Wilhelmina Mueller	St. Paul, Minn.
Robert Marion Muir	Jackson, Minn.
Lambert Lyle Nagler	Watertown, S. D.
Louis Nash	White Bear Lake, Minn.
Dorothy Elizabeth Neibel	St. Paul, Minn.
Inez Maurine Nelson	St. Paul, Minn.
Laurence Melvin Nelson	St. Paul, Minn.
Margaret Louise Nelson	Hudson, Wis.
Malinda Dorothy Newman	New Richland, Minn.
Walter Thomas Nicholson	Crookston, Minn.
Homer Bernhard Normann	Somers, Montana
Lois Gertrude Norman	Campbell, Minn.
Irah Northrop	Minneapolis, Minn.
Constance Rose Nutt	Sidney, Montana
Gilbert Theodore Nyberg	Anatol, Minn.
Penzil Louise Officer	Ryder, N. D.
Lewis Edward Olds	St. Cloud, Minn.
Harvey Douglas O'Neil	Spooner, Minn.
Calvin Leo Orth	Brainerd, Minn.
Carroll Arthur Palmer	Walla Walla, Wash.
Clifford Paul Palmquist	St. Paul, Minn.
Mary Idelia Patterson	Albert Lea, Minn.
Paul Mark Patterson	Brainerd, Minn.
Anton Theodore Pearson	St. Paul, Minn.
Walter Harold Pearson	Nevis, Minn.
Edythe Barbara Perlovski	Sauk Rapids, Minn.
Vera Ingeborg Person	Bismarck, N. D.
Dennie Darwin Peterson	Big Lake, Minn.
Marian Elizabeth Peterson	St. Paul, Minn.
Roger Nelson Pinney	Mankato, Minn.
Carl Frederick Radke	Kent, Minn.
Guernsey Rasmussen	Marshall, Minn.
Elsie Lorraine Renning	Kasson, Minn.
Charles Glenn Reynolds	Lowell, Mich.
Wilbur Martin Rice	St. Paul, Minn.
Inez Riley	St. Paul, Minn.
Richard Arthur Risser	Hopkins, Minn.
Margaret Elizabeth Roberts	Anoka, Minn.
Jane Marie Robertson	Minneapolis, Minn.

Henry William Roome	St. Paul, Minn.
Laura Julia Rundquist	St. Paul, Minn.
Lynn Roland Russell	St. Paul, Minn.
Feliciana Sanchez	Galisteo, New Mexico
Frances Dorothy Schaeffer	Elbow Lake, Minn.
Dorothy Louise Sederquist	St. Paul, Minn.
Frances Willard Sellie	Le Sueur, Minn.
Charles Devilla Severns	Danville, Ohio
Margaret Shaffer	Pipestone, Minn.
Chan Paang Siu	Canton, China
Milma Elizabeth Skarra	Port Arthur, Canada
Howard Ripley Smith	Elmore, Minn.
Marian Elizabeth Smith	Stillwater, Minn.
William Wescott Snell	Hopkins, Minn.
Madeline Snyder	Truman, Minn.
Noal Moody Spencer	Sioux Falls, S. D.
Hubert Arthur Springsted	Hayfield, Minn.
Evelyn Irene Stadheim	Albert Lea, Minn.
Carlton Layng Stafford	Bruno, Minn.
William Theodore Steeland	Rushford, Minn.
Olive Margaret Stensvad	Redwood Falls, Minn.
Iva Dorothy Stevens	Cottonwood, Minn.
Dorothy Virginia Strother	St. Paul, Minn.
Lloyd Robert Sturgeon	Amboy, Minn.
Elis John Suomalainen	Grand Rapids, Minn.
Donald Bruce Thompson	Maynard, Minn.
Irving Owen Thompson	Shakopee, Minn.
Burton LeRoy Tomasek	St. Paul, Minn.
Robert Warren Torgersen	St. Paul, Minn.
Harriette Truesdell	Taylor's Falls, Minn.
Ruby Marie Wall	Willmar, Minn.
Walter Mike Warosh	Edgar, Wis.
Mildred Lillian Wegner	Owatonna, Minn.
Maxine Lucille Weiss	Shelby, Iowa
Janet Louise Whittier	Farmington, Minn.
Manford Kimball Wickett	Canton, Minn.
Geraldine Mae Wiley	Pine City, Minn.
Melba Kathleen Wiley	Pine City, Minn.
Herbert Arthur Willis	St. Paul, Minn.
Amy Lucille Windblad	Bemidji, Minn.
Harland Goff Wood	Mankato, Minn.
Richard Carter Wood	Buffalo, Minn.
Constance Ilona Youngs	Mabton, Wash.
Grace Charlotte Zschiesche	St. Paul, Minn.

Special

Rueben Oscar Boehlke	Buffalo Lake, Minn.
Joseph McKinley Doms	Henry, S. D.
Ireane Eleanore Holmberg	St. Paul, Minn.
Florence Gustava Qvale	Willmar, Minn.
Thomas Fenwick Taylor	Fergus Falls, Minn.
Daniel Everett Willard	St. Paul, Minn.

Conservatory of Music: Advanced Students

Elizabeth Adams.....	Jasper, Minn.
Wesley Andersen.....	Minneapolis, Minn.
Alton Anderson.....	Amery, Wis.
Allison Barnard.....	St. Paul, Minn.
Mrs. Allison Barnard.....	St. Paul, Minn.
Clara Berke.....	Mound, Minn.
Margaret Benjamin.....	St. Paul, Minn.
Arthur Blanchette.....	Minneapolis, Minn.
Ruby Britts.....	St. Paul, Minn.
Lauren Brown.....	Albert Lea, Minn.
Zelda Brown.....	Marshall, Minn.
Helen Bruce.....	Minneapolis, Minn.
Edwina Busch.....	Minneapolis, Minn.
Clifford Channer.....	Windom, Minn.
Bernice Cooley.....	St. Paul, Minn.
Ruth Coombs.....	Ely, Minn.
Earl Covert.....	Minneapolis, Minn.
Raymond Cramer.....	Winnebago, Minn.
Margaret Dahlen.....	Fergus Falls, Minn.
Florence Dahlmeier.....	Pipestone, Minn.
Marjorie Donaldson.....	St. Paul, Minn.
Bertha Duncan.....	Billings, Montana
Anna Erbele.....	Wishek, N. D.
Doris Erickson.....	Minneapolis, Minn.
Paul Erlanson.....	St. Paul, Minn.
Helen Fisher.....	St. Paul, Minn.
Buretta Fisk.....	So. St. Paul, Minn.
Hope Fitzsimons.....	St. Paul, Minn.
Elsie Fjerstad.....	St. Paul, Minn.
Lillian Forus.....	Minneapolis, Minn.
Ruth Fulton.....	Jackson, Minn.
Garth Gee.....	Stevens Point, Wis.
Esther Glaeser.....	Gibbon, Minn.
Florence Haglund.....	Cannon Falls, Minn.
Elizabeth Hay.....	Bloomington, Minn.
Mrs. D. P. Haynie.....	St. Paul, Minn.
Margaret Hickok.....	Owatonna, Minn.
Marjorie Holler.....	St. Paul, Minn.
Waltrena Irwin.....	White Bear, Minn.
Florence Jarzyna.....	Minneapolis, Minn.
Mildred Jerabek.....	Silver Lake, Minn.
Mary Elizabeth Jones.....	Rapid City, S. D.
Avonelle Jorgenson.....	Albert Lea, Minn.
Florence Kaufman.....	Brewster, Minn.
Eva Kelsey.....	Minneapolis, Minn.
Ileen Kinter.....	Austin, Minn.
Marian Krook.....	Marshall, Minn.
Edwin Krusemark.....	Slayton, Minn.
Thomas Larimore.....	St. Paul, Minn.

Harold Laurence	So. St. Paul, Minn.
Esther Lindahl	Cambridge, Minn.
Paul Lindholm	Ortonville, Minn.
Ruth Luebin	St. Paul, Minn.
Marie Moschner	St. Paul, Minn.
Nellie Maurer	Mapleton, Minn.
Marian More	Elmore, Minn.
Helen May	Minneapolis, Minn.
Watson Morton	St. Paul, Minn.
Muriel Mertens	Northfield, Minn.
Agnes Monson	St. Paul, Minn.
Helen McLeod	Farmington, Minn.
Helen McMillen	Albert Lea, Minn.
Dorothy Neibel	St. Paul, Minn.
Margaret Neibel	St. Paul, Minn.
Ferdinand Nelson	St. Paul, Minn.
Margaret Nodolf	Minneapolis, Minn.
Milan Novak	Cobb, Wis.
Constance Nutt	Sidney, Montana
Angeline Paskewitz	Philbrook, Minn.
Mrs. Webb Raudenbush	St. Paul, Minn.
Lucy Roberts	Buffalo, Minn.
Eugene Roemer	St. Paul, Minn.
Laura Rundquist	St. Paul, Minn.
Theophil Rusterholz	St. Paul, Minn.
Dorothy Sederquist	St. Paul, Minn.
Paul Stoughton	Hudson, Wis.
Ethel Tijou	White Bear, Minn.
Anita Towner	St. Paul, Minn.
Edna Van Valkenburgh	Chippewa Falls, Wis.
Gladys Voorhees	Eveleth, Minn.
Mrs. Earl Ward	St. Paul, Minn.
Mrs. E. Wartchow	St. Paul, Minn.
Caroline Weiler	St. Paul, Minn.
Mrs. Weschke	St. Paul, Minn.
Mrs. Whitmus	St. Paul, Minn.
Lucille Winblad	Foley, Minn.

Summary of Students

College	497
Conservatory of Music	
Advanced Students	86
Preparatory Students	348
	<hr/>
Total	931
Counted Twice	63
	<hr/>
Net Total	868

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