



Macalester College Bulletin

CATALOG NUMBER

April, 1933

Volume XXI

Number 7

Macalester College

Bulletin

CATALOG NUMBER



1933

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.

Published Monthly except August and September

College Calendar

1933-1934

1933

- June 5-10. Monday-Saturday, Second Semester Examinations.
 June 7. Wednesday, 8:30 p. m., Recital, Conservatory of Music.
 June 8. Thursday, 8:15 p. m., Senior Class Play.
 June 9. Friday, 8:15 p. m., Senior Class Play.
 June 10. Saturday, 11:00 a. m., Class Day Exercises.
 June 10. Saturday, 6:30 p. m., Alumni Banquet.
 June 11. Sunday, 4:00 p. m., Baccalaureate Sermon.
 June 12. Monday, 10:30 a. m., Forty-fourth Annual Commencement.
 June 12. Monday, 8:30 p. m., President's Reception.
 Sept. 18. Monday, Freshman Registration.
 Sept. 19. Tuesday, Upper Class Registration.
 Sept. 20. Wednesday, 8:00 a. m., Classes begin.
 Nov. 30. Thursday, Thanksgiving Day.
 Dec. 19. Tuesday, 4:00 p. m., Christmas Vacation begins.

1934

- Jan. 3. Wednesday, 8:00 a. m., Christmas Vacation ends.
 Jan. 29-Feb. 3. Monday-Saturday, First Semester Examinations.
 Feb. 5-6. Monday-Tuesday, Second Semester Registration.
 Feb. 7. Wednesday, 8:00 a. m., Classes begin.
 Mar. 2. Friday, Cap and Gown Day.
 Mar. 22. Thursday, Pi Phi Epsilon Initiation.
 Mar. 27. Tuesday, 4:20 p. m., Spring Vacation begins.
 Apr. 4. Wednesday, 8:00 a. m., Spring Vacation ends.
 May 30. Wednesday, Memorial Day.
 June 4-9. Monday-Saturday, Second Semester Examinations.
 June 11. 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

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

CARL A. JENSEN, Director of the Conservatory of Music

ELAINE GERBER, B. A., Secretary, Conservatory of Music

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

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

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

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

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

FERNAM BUDOLFSON, Bursar

HENRIETTA SUMNER, Secretary to the Assistant Treasurer

SHIRLEY NELSON, B. A., Secretary to the Bursar

CHARLOTTE GRAHAM, Hostess, Wallace Hall

MRS. I. M. MURRAY, Hostess, Kirk Hall

Board of Trustees

Officers of the Board

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TRUSTEES

TERMS EXPIRE JUNE, 1933

*REV. H. C. SWEARINGEN, D. D.....	St. Paul
E. B. KIRK.....	St. Paul
WATSON P. DAVIDSON.....	St. Paul
F. R. BIGELOW.....	St. Paul
C. L. HILTON.....	St. Paul
F. R. ANGELL.....	St. Paul
REV. PETER ERICKSON, D. D.....	Wausau, Wis.

TERMS EXPIRE JUNE, 1934

C. H. BIGELOW.....	St. Paul
GEO. D. DAYTON.....	Minneapolis
WM. P. KIRKWOOD.....	St. Paul
C. V. SMITH.....	Minneapolis
L. H. WILLIAMS.....	Minneapolis
REV. H. H. BALDWIN.....	St. Cloud
REV. H. N. WILSON, D. D.....	St. Paul

TERMS EXPIRE JUNE, 1935

REV. WM. H. BODDY, D. D.....	Minneapolis
*W. J. McCABE.....	Duluth
CARL T. SCHUNEMAN.....	St. Paul
B. O. CHAPMAN.....	St. Paul
PAUL D. SCHRIBER.....	St. Paul
R. M. WEYERHAEUSER.....	St. Paul

JOHN C. ACHESON, ex-officio

*Deceased

Committees of the Board of Trustees

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JOHN C. ACHESON, ex-officio

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F. R. BIGELOW	C. L. HILTON

Commencement

JOHN C. ACHESON, Chairman	WM. H. BODDY
H. H. BALDWIN	W. P. KIRKWOOD

College Faculty*

(The figures in parentheses indicate the year of beginning service for Macalester College)

JOHN CAREY ACHESON, President. (1924)

A. B., Centre College, 1898; A. M., 1900;
LL. D., Central University of Kentucky, 1913.

JAMES WALLACE, President Emeritus.

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

ANDREW WORK ANDERSON, Professor of Philosophy. (1891)

A. B., University of Wooster, 1889; A. M., 1892.

GEORGE WILLIAM DAVIS, Professor of Social
and Political Science. (1892-99. 1907)

Graduate Victoria University, Manchester, England;
Ph. D., Yale University, 1891; D. D., Macalester College, 1901.

DAVID NEWTON KINGERY, Professor of

Mathematics and Astronomy. (1896)

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

JULIA MacFARLANE JOHNSON, Professor of

English Literature and Old English. (1897)

Graduate Mt. Holyoke College, 1885; A. M., University of
Minnesota, 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

Geology. (1906)

A. B., Macalester College, 1899; A. M., University
of Minnesota, 1905; Ph. D., 1931.

GLENN CLARK, Professor of English. (1912)

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

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

- OTTO THEODORE WALTER, Professor of Biology. (1922)
 A. B., State University of Iowa, 1916;
 A. M., 1917; Ph. D., 1923.
- INA ANNETTE MILROY, Professor of German. (1925)
 Ph. D., University of Berlin, 1904.
- WALTER SCOTT RYDER, Professor of Sociology. (1927)
 A. B., Acadia University, 1915; B. D., Rochester Theological Sem-
 inary, 1918; A. M., University of British Columbia,
 1920; Ph. D., University of Chicago, 1928.
- RAYMOND JAY BRADLEY, Professor of Education (1932)
 S. B., Cornell College, Iowa, 1912; Ph. D., University
 of Minnesota, 1929.
- FREDERIC GIBBS AXTELL, Librarian. (1903)
 A. B., Wesleyan University, 1888; A. M., 1891.
- MARGARET MacGREGOR DOTY, Dean of Women,
 Associate Professor of English. (1920)
 A. B., Macalester College, 1914; A. M., Columbia University, 1927.
- †CLARENCE ELWOOD FICKEN, Dean of Men.
 Associate Professor of French. (1924)
 A. B., Baldwin-Wallace College, 1916; A. M., Northwestern
 University, 1917.
- SAMUEL FLOYD FRANKLIN, Associate Professor
 of Religion. (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 Religion on the Thomas W.
 Synnott Foundation. (1926)
 A. B., Centre College, 1904; B. D., Kentucky Theological
 Seminary, 1907; Th. M., Princeton Seminary, 1922;
 A. M., Princeton University, 1923.
- GRACE JANE LOVELL MAY, Associate Professor
 of English. (1924)
 A. B., University of Minnesota, 1904; A. M., 1917.
- KENNETH LEEDS HOLMES, Associate Professor
 of History. (1925)
 A. B., Yale University, 1917; A. M., University of Louisville, 1925.
- FRANK EARL WARD, Associate Professor of English. (1926)
 A. B., Oberlin College, 1922; A. M., 1923.

†On leave of absence 1932-33.

- CHESTER HINES SHIFLETT, Associate Professor
of Chemistry. (1929)
A. B., Kingfisher College, 1921; A. M., Clark University, 1923.
- RUSSELL BYRON HASTINGS, Associate Professor
of Physics. (1929)
A. B., Clark University, 1924; A. M., 1925.
- GEORGIANA PAINE PALMER, Associate Professor
of Latin. (1929)
A. B., Smith College, 1921; A. M., Smith College, 1924.
Ph. D., University of Chicago, 1932.
- FORREST ALBERT YOUNG, Associate Professor
of Economics. (1929)
S. B., Monmouth College, 1922;
A. M., University of Chicago, 1926.
- RAYMOND DARWIN BURROUGHS, Associate Professor
of Biology. (1930)
A. B., Nebraska Wesleyan University, 1924;
A. M., Princeton, 1925.
- GRACE BEE WHITRIDGE, Assistant Professor
of Dramatic Art. (1900)
Graduate Boston School of Oratory, 1890; post-graduate, 1891;
Graduate New York Academy of Dramatic Art, 1899.
- DAVID CLAIR PRIMROSE, Director of Physical
Education for Men. (1926)
S. B., Bellevue College, 1911; B. P. E., Association
College, Chicago, 1916.
- BORGHILD SUNDHEIM, Assistant Professor of French. (1927)
S. B., University of Minnesota, 1925; A. M., 1927.
- MARY GWEN OWEN, Assistant Professor
of Dramatic Art. (1928)
A. B., Macalester College, 1923.
- ALAN GOWANS, Assistant Director
of Athletics. (1930)
A. B., Cornell College, 1922.
- MILTON DUNCAN McLEAN, Assistant Professor
of Religion and Psychology. (1931)
S. B., University of Minnesota, 1921; D. B.,
Presbyterian Theological Seminary, Chicago, 1925;
A. M., University of Chicago, 1931.

SYNNEVA HOFLAND, Director of Physical Education
for Women. (1931)

A. B., St. Olaf College, 1925; A. M., University of
Wisconsin, 1930.

DOROTHEA SCHULTZ, Assistant Professor
of German. (1930)

Ph. B., University of Chicago, 1927; A. M., 1928.

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

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

ELBERT WINFRED RINGO, Instructor in Spanish. (1932)

A. B., Park College, Missouri, 1927; A. M., Middlebury
College, Vermont, 1929.

FRANCES HARRISON, Assistant in Sociology. (1932)

A. B., University of Minnesota, 1921; M. S. S., Smith
College School for Social Work, 1924.

JAY BRUCE SEFERT, Assistant in French. (1932)

A. B., University of Minnesota, 1930; A. M., 1931.

MRS. JOHANNA FEYERABEND HORNE, Substitute
in German. (1932)

Marburg University, Germany

WILLIAM OSCAR HORNE, Debate Coach. (1931)

A. B., Clark University, 1913.

DENNIE DARWIN PETERSON, Fellow in Economics. (1933)

A. B., Macalester College, 1930; M. S., New
York University, 1932.

Committees of the Faculty

The President is ex-officio a member of each committee

Curriculum

J. C. ACHESON	H. S. ALEXANDER	BORGHILD SUNDHEIM
R. U. JONES	C. A. JENSEN	R. J. BRADLEY
A. W. ANDERSON	MARGARET M. DOTY	

Catalog

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

MARGARET M. DOTY	GRACE B. WHITRIDGE	SYNNEVA HOFLAND
K. L. HOLMES	(also student members)	D. C. PRIMROSE

Athletics

C. E. FICKEN	SYNNEVA HOFLAND	R. B. HASTINGS
GLENN CLARK	O. T. WALTER	D. C. PRIMROSE

Publications

W. S. RYDER	F. E. WARD	GLENN CLARK
GRACE MAY	G. W. DAVIS	DOROTHEA SCHULTZ

Appointments

R. J. BRADLEY	R. D. BURROUGHS	FORREST A. YOUNG
	E. KAGIN	

College Functions

GRACE B. WHITRIDGE	F. G. AXTELL	O. T. WALTER
MARY GWEN OWEN	J. P. HALL	C. A. JENSEN

Religious Life and Activities

E. KAGIN	GEORGIANA PALMER	JULIA M. JOHNSON
S. F. FRANKLIN	WALTER S. RYDER	CHESTER H. SHIFLETT
MILTON McLEAN	W. F. VANCE, ex-officio	

Chapel

MILTON McLEAN	C. A. JENSEN	E. KAGIN
(also four student members)		

General Information

Historical Sketch

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

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

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

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

Subsequent financial campaigns and gifts have increased the college endowment to \$1,574,344.00. With the erection of several more buildings, the Gymnasium, 1924, Kirk Hall, men's dormitory,

1927, central heating plant, 1926, president's residence, 1927, and the acquisition of other property and buildings, the value of the campus and buildings is now \$1,215,969.75.

Presidents of Macalester College

REV. EDWARD DUFFIELD NEILL, * D. D., 1873-1884.

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

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

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

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

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

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

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

Form of Bequest

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

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

Location

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

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

Buildings

The Main Building contains classrooms, library and administration offices.

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

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

*Deceased

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

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

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

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

The Gymnasium, of American Colonial design, is thoroly modern and complete, a structure 83 by 188 feet. The main gymnasium floor is surrounded by a running track and spectators' balcony. The first floor also contains offices for the athletic directors of men and women, check rooms, a kitchen adequate for large social events and apparatus rooms. The second floor provides two rooms for boxing, wrestling and social events. The basement contains a standard swimming pool, hand ball courts, a field sports room and locker rooms.

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

Library

The Edward D. Neill Library contains about 21,000 volumes and is located on the ground floor of the main building. In Carnegie Science Hall are department libraries.

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

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

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

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

Other Library Privileges

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

Registration

Students are required to register by the beginning of each semester. In case of delay in registration beyond the registration days indicated in the college calendar, a fine of one dollar is imposed for the first day and fifty cents for each subsequent day. No excuses are granted for late registration. Students may register by mail on deposit of tuition fee, subject to the entrance requirements stated on page 28.

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

the faculty. On Tuesday registration of sophomores, juniors and seniors occurs. Registration without penalty ends Tuesday.

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

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

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

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

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

Examinations and Reports

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

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

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

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

Degrees

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

Prizes

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

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

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.

Scholarships

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

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

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

Williams Brothers Scholarship.—Louis H. and Charles R. Williams, of Minneapolis, have given \$1,000, the income from which is for the aid of a student selected by the faculty.

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, the interest of which is devoted to a scholarship for a nominee of the Central Presbyterian Church of St. Paul.

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

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

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

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

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

The Merriam Park Presbyterian Church Scholarship.—The sum of \$3,000, given by the Merriam Park Presbyterian Church of St. Paul, the income from which is awarded to a student selected by the church.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry, and to men and women candidates for missionary service.

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

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

Loan Funds

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

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

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

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

The Harmon Foundation.—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.

The Board of Christian Education.—A fund administered for the same purpose and in the same manner as the Harmon Loan Fund.

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

New England Women.—The St. Paul Colony of New England Women offers to a young woman of New England ancestry a loan of \$100 without interest. Application for this loan should be made through the Dean of Women.

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

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

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

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

Department Foundations

The Weyerhaeuser Foundation.—Founded by Mr. Frederick Weyerhaeuser, and increased by members of his family, totaling \$100,000, to be devoted to the development and maintenance of the Department of Religion.

The Synnott Foundation.—A gift of \$50,000 from Thomas W. Synnott, held in trust by the Board of Christian Education of the Presbyterian Church, U. S. A., for the maintenance of the Department of Religion.

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

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

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

Student Activities

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

The Y. M. C. A. 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 eight literary societies under the general oversight of the faculty. Hyperion society admits to membership both men and women; Athenaeum, Adelpian and Eulogian societies admit men and Chi Phi Delta, Clonian, Philotian and Thalian societies, women.

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

The Macalester Players is a group within the Department of Expression, whose object is to stimulate and develop an apprecia-

tion of the best in drama. Several plays are given each year, coached by the head of the department.

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

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

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

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 eighteenth year, and the High School League in Extemporaneous Speaking which is starting on its sixteenth year.

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

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

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

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

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

Pi Phi Epsilon Society

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

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:

Lorraine Violet Anderson	Inga Klaksvick
Charles Joel Beck	Dorothy Adelaide Larsen
Roy Henry Boldt	Evangeline Naomi Larson
Everett Benjamin Coulter	Charles Frederick Mullen
Wanda Elizabeth Edwards	Gladys Caroline Nyquist
Eleanor Carolyn Heck	Gertrude Adelaide Waits
Elizabeth Vincent Hunt	Anna Catherine Wilson
Theodore Norton Johnson	Earl Howard Wood

Religious Life and Exercises

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

Personnel Records

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

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

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, devoted to the advertisement and advancement of the institution.

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

The Mac Weekly, a student newspaper established in 1914. It gives expression to student opinion upon matters of college life, and accounts of 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 works in close cooperation with the Department of Physical Education. Entrance medical and physical examinations are held jointly and the records are used in both departments for follow-up work and for making up classes in corrective exercises. In cases where it seems advisable, further clinical examinations may be required. These examinations are designed to discover defects or tendencies which may and should be corrected; to protect the individual against work for which he is physically unqualified; and to guard the college community against communicable disease. No student may report for classes before his medical and physical examinations are completed. Appointment cards are given by the Dean at the time of registration. Special stress is laid on everything pertaining to health welfare and a sound physical development.

The college maintains a well-equipped infirmary. The Health Director, a graduate nurse, is in residence, and her service is available for all students suffering from minor illnesses or injuries. The nurse acts under the direction of a physician in all cases.

An appropriation is made for this service from the tuition charge, which covers entrance medical examinations, nursing care in all minor illnesses, all office consultations, medicine and dressings, and the use of the infirmary for a period of one and one-half days a semester. For a longer period the rate is \$1.00 a day.

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

Expenses

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

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

Special Fees—

Biology 101, 102, 121, 122, 204 with laboratory, 301, 302, 304 with laboratory, 305	"	4.00
Biology 112, 204	"	2.00
*Chemistry 101-102, 103-104, 201, 202, 309-310, 331-332, 305	"	7.00
Geology	"	1.00
Physics 101-102	"	2.50
Physics 201-202, 221, 301-302, 411	"	5.00
Change of Course	"	1.00
Guarantee Fee (Dormitories)		5.00
Diploma		5.00

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

†A fee of \$6.00 is charged for each credit hour in excess of eighteen.

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

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

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

Refunds are not granted during the last six weeks of any semester except for illness. Two weeks are added to the date of cancellation for refund purposes.

In case of prolonged illness which removes the student from college for a period of a month or more, refunds are made on tuition, board and room from the end of a two weeks' period following the beginning of illness according to the records of the college nurse.

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

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

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

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

Credits will be withheld until all obligations are met.

Special Rates

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

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

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

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

Rooms and Board

Room rents and board are paid in the manner prescribed for tuition and fees. The college dormitories and commons are closed during Christmas vacation. Fees include room rent and board dur-

ing the shorter vacations. Special permission may be granted for residence in the dormitories during Christmas vacation through application to the house director.

Wallace Hall—

Board, per semester, each person.....	\$90.00
Room rent, per semester, each person.....	45.00

Kirk Hall—

Board, per semester, each person.....	90.00
Room rent, per semester, each person.....	45.00

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

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

Each tenant is required to deposit \$5.00 (including deposit for key) as a guarantee against damage to college property, and to keep this deposit at that amount while in college. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave college.

Rooms

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

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

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

The drawing of rooms in the dormitories will take place on the first Tuesday in May for those who live in the dormitories. On the second Tuesday in May for those who do not live in the dormitories. After the third Tuesday application for rooms from outside will be filled. Drawings will be under the direction of the Deans.

Application for room in the dormitories should be made by the first of May to the college office. Reservation fee is \$10.00. This is applied on the student's account at the time of registration. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come the reservation fees will not be returned. Rooms will be assigned in the order of application.

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

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

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

Entrance Requirements

General Statement

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

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

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

Admission by Certificate

From Accredited High Schools and Academies.—Graduates of accredited high schools and academies requiring a four-year course are admitted without condition to the freshman class, subject to the requirement of the preceding paragraph. Accredited schools are those on the list of the North Central Association of Colleges and Secondary Schools, the list of Minnesota high schools prepared by the State Superintendent and similar lists of the high schools of other states.

From Accredited Three-Year Senior High Schools.—Graduates of senior high schools, covering the tenth, eleventh and twelfth grades, are admitted without condition, provided they have in this time completed eleven or twelve units in the senior high school and provided that the subjects taken in the senior high school, together with the work done in the junior high school, satisfy the subject requirements stated above.

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

Admission by Examination

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

Preparation for Entrance

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, II or IV (see page 33), are advised to present the following units for entrance:

English 4	Algebra 1½ or 1
Latin 4	Geometry 1½ or 1
Modern Language 2	

The remaining units may be selected from the following:

Botany ½ or 1	History 1 or 2
Chemistry 1	Manual Training ½ or 1
Civics ½	Physical Geography ½ or 1
French 2	Physics 1
German 2	Physiology ½ or 1
Greek 2	Zoology ½ or 1

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

English 4	Algebra 1½
German or French 2	Geometry 1½
Chemistry or Physics 1	

The remaining five units may be selected from the following:

Botany $\frac{1}{2}$ or 1
 Chemistry 1
 Civics $\frac{1}{2}$
 French 1 or 2
 German 1 or 2
 Greek 1 or 2

History $\frac{1}{2}$, 1 or $1\frac{1}{2}$
 Manual Training $\frac{1}{2}$
 Physical Geography $\frac{1}{2}$ or 1
 Physics 1
 Physiology $\frac{1}{2}$
 Zoology $\frac{1}{2}$

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 forty-four may be in any one department. These credits must be secured with reference to the group from which the student has chosen his major.
- B. 126 honor points, granted as follows: for each credit toward graduation earned by the student with a mark of A, three honor points are given; for each credit with a mark of B, two honor points; for each credit with a mark of C, one honor point. A mark of F carries minus one honor point.
- C. 5 points in Physical Education, the term *point* meaning the satisfactory completion of a semester course in Physical Education. Of these 5 points 3 must be secured in courses 101-102 and 103. Course 105 is required of students unable to pass the elementary swimming test.

Academic Credits Required of All Students:

- (1) 8 credits in Religion. These must include course 102 or 105.
- (2) 6 credits in English 101-102.
- (3) 6 credits in Social Sciences and History.
- (4) 3 credits in Philosophy 205.
- (5) 3 credits in Psychology 201.

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 or IV other than the major subject and required courses in Religion.
- (3) 12 credits in Group III.
- (4) 20 credits in the major subject.

Group III.—

- (1) 8 credits in Mathematics 101-102 or 201-202.
- (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 Group III other than the major.
- (4) 20 credits in the major subject.

Group IV.—

Requirements the same as for Group II.

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

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

The six credits in history and social sciences required of all students must be completed by the end of the junior year.

Majors and Minors.—Each candidate 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 twenty following departments:—

GROUP I.

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

GROUP II.

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

GROUP III.

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

GROUP IV.

- | | |
|---------------|----------|
| 1. Expression | 2. Music |
|---------------|----------|

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 a minimum 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:—Biology 112 and 401, Chemistry 401, English 101-102 French 101-102 and 402, German 101-102, Greek 101-102, History 450, Latin 101-102, Mathematics 101, 102, Physics 101-102 and 402, Religion 101 and 105, Spanish 101-102. See, also, Biology 101-102, 121-122, 204 and Chemistry 101-102, 103-104 in department descriptions.

Five Students Required for a Class.—The college does not hold itself bound for instruction in any elective course for which

fewer than five students make request to the Registrar. Such classes may, however, be organized at the option of the instructor.

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

Courses for the Freshman Year

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

GROUP I.

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

GROUPS II. AND IV.

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

GROUP III.

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

The elective courses for the freshman year are:—

Biology 101-102, 112, 121-122	History 101-102
Chemistry 101-102, 103-104	Mathematics 101-102, 106, 201-202
Expression 141-142	Music
Foreign Language	Physics 101-102
Geology 101-102	

Classification of Students

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

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

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

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

Preparation for Vocations

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

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

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

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

Freshman Year	Sophomore Year
English	Public Speaking and Argumentation
Foreign Language	Foreign Language
Religion	Religion
Science	Sociology and Economics
History	Psychology and Ethics

Junior Year

Roman Law and Jurisprudence
English History
Debate and Oratory
Religion
Electives

Senior Year

International Law
History
Religion
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 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. 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 religion and the electives in Greek Testament, philosophy, ethics and history offer a course well adapted to those who have the gospel ministry in view. Those who are preparing to be missionary teachers will find in the wide range of Bible study pursued in the college an indispensable and very attractive adjunct to their course.

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

Student Advisers

For registration, advice and supervision all students will be assigned to faculty advisers. 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 department to which that major study belongs.

Courses of Study

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

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

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

Biology

PROFESSORS WALTER AND BURROUGHS

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

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

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

A. Zoology

101-102. General Zoology.—MR. WALTER AND MR. BURROUGHS

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

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

112. **Ornithology.**—

MR. BURROUGHS

This study of birds is undertaken strictly from the scientific point of view and is designed to stimulate an appreciation of nature and to arouse a fuller understanding of some of the problems of conservation of our wild life. Open to all students. This course does not count toward a major or minor.

Second semester, one lecture, laboratory, and one field trip a week, three credits. Not offered 1933-1934.

204. **Human Physiology.**—

MR. WALTER

Lectures, recitations, collateral readings, demonstrations and laboratory work on the structure and functions of the human body. Extensive use is made of anatomical charts and models. Attention is also given to personal hygiene. This course does not count toward a major.

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

301. **Comparative Anatomy.**—

MR. WALTER

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

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

302. **Vertebrate Embryology.**—

MR. BURROUGHS

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

Prerequisite, courses 102, 301. Second semester, two lectures and two two-hour laboratory periods a week, four credits.

303. **Genetics and Eugenics.**—

MR. WALTER

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

Prerequisite, course 102 or 121-122, or approval of the instructor. First semester, three hours a week, three credits.

304. General Bacteriology.—

MR. WALTER

This is a course of lectures, recitations and laboratory work suited to the needs of the general or special student who desires knowledge of the general field of bacteriology, including the cause, control and prevention of important diseases, and training in modern laboratory technic. The laboratory work is optional. Students desiring to take the laboratory work must have completed Chemistry 102.

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

305. Vertebrate Histology.—

MR. BURROUGHS

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

Prerequisite, course 102. First semester, two lectures and two two-hour laboratory periods a week, four credits. Alternating with course 301. Not offered 1933-1934.

401. Teachers' Course.— MR. WALTER AND MR. BURROUGHS

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. First semester, two credits.

409, 410. Individual Course.—

MR. WALTER AND MR. BURROUGHS

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

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

B. Botany

121-122. General Botany.— MR. BURROUGHS

A study of the principles of plant life. The first semester deals with the structure, activities, modifications and economic importance of the higher plants. During the second semester the work will involve a study of the great groups of plants with emphasis upon reproduction and evolution, some time being given to the identification and classification of higher plants in the field.

Course 122 may be taken before 121, but no credit will be given until both courses are completed.

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

221. Systematic Botany.— MR. BURROUGHS

Identification and classification of plants. Devoted chiefly to the native plants of the region, including trees and shrubs.

Prerequisite, course 121-122. First semester, two laboratory periods a week, two credits.

Chemistry

PROFESSORS JONES AND SHIFLETT AND MR. PAFF

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

101-102. General Inorganic Chemistry.— MR. JONES, MR. SHIFLETT AND MR. PAFF

The course includes a thoro study of the principal elements and their compounds, their occurrence in nature and preparation in the laboratory; also an introduction to the study of qualitative analysis.

Prerequisite, one unit high school chemistry. One year, two lectures, two recitations and six hours in laboratory a week, eight credits.

Four credits may be applied toward a major or minor if a grade of B is attained.

103-104. General Inorganic Chemistry.—

MR. JONES, MR. SHIFLETT AND MR. PAFF

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

One year, two lectures, two recitations and six hours in laboratory a week, eight credits.

Four credits may be applied toward a major or minor if a grade of B is attained.

201. General Chemistry and Qualitative Analysis.—

MR. SHIFLETT

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

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

202. Quantitative Analysis.—

MR. SHIFLETT

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

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

303-304. Advanced Inorganic Chemistry.—

MR. SHIFLETT

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

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

305R. Advanced Quantitative Analysis.—

MR. SHIFLETT

This course is a continuation of course 202.

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

307-308. Organic Chemistry.—

MR. JONES

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

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

309-310. Laboratory Course in Organic Chemistry.—

MR. JONES

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

One year, six hours a week, four credits.

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

MR. JONES

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

Prerequisite, course 310. One year, six hours a week, six credits. Not offered 1932-1933.

313R. Special Analysis.—

MR. SHIFLETT

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

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

331-332. Theoretical Chemistry.—

MR. SHIFLETT

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

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

401. Teachers' Course.—

MR. JONES

A course of lectures on the teaching of chemistry.

Prerequisite, course 201. First semester, two hours a week, two credits. No fee is charged.

Credits not counted toward a major or minor.

403-404. Individual Course.— MR. JONES AND MR. SHIFLETT

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

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

One year, one hour a week, two credits.

Economics and Political Science

PROFESSORS DAVIS AND YOUNG

A. Economics

231-232. General Principles.— MR. YOUNG

A general survey of the structure, institutions and operation of our economic order, including a brief examination of early and modern theories of value and distribution.

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

339. Labor Administration.— MR. YOUNG

An examination of present-day labor problems from the viewpoint of both the employer and the worker.

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

342. Public Finance.— MR. DAVIS

This course deals with the history and theory of public revenues and expenditures, taxation, budgetary methods and public credit.

Prerequisite, courses 231, 252. Second semester, three hours a week, three credits.

B. Political Science

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, Sociology 201. Second semester, three hours a week, three credits.

253, 254. The Historical Development of American Government.— MR. DAVIS

The development of American governmental institutions will be studied in relation to the various political problems with which the American people have dealt.

- (a) The National Government.
- (b) State, County and Municipal Government.

Prerequisite, fifty-four credits, including History 203, 204; or taken concurrently. One year, three hours a week, six 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, Sociology 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 232. First semester, three hours a week, three credits.

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 1933-1934.

402. Method and Teaching of the Social Sciences.— MR. DAVIS, MR. RYDER AND MR. YOUNG

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.

Prerequisites, Sociology 201 and course 232 and fifty-four credits. Second semester, two hours a week, two credits.

C. Business

271. Accounting I.— MR. YOUNG

Theory and practice of modern accounting; intended for the general student of business as well as for the beginning student in accounting.

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

272. Accounting II.— MR. YOUNG

Analysis of accounting problems and application of principles; valuation and interpretation of data.

Prerequisite, course 271. Second semester, three hours a week, three credits.

371. Economic Geography.— MR. YOUNG

A survey of the world's resources, industries, markets and trade. Both the commodity and the regional approach methods are used. Case-project maps are prepared. An analysis is made of the commercial position of the various nations today.

Prerequisite, course 232. First semester, three hours a week, three credits. Alternating with course 339. Not offered 1933-1934.

372. Marketing.— MR. YOUNG

Principles, methods and problems of marketing; special emphasis on merchandising. For the student of distribution problems, as well as of retail administration.

Prerequisite, course 232; course 371 advisable. Second semester, three hours a week, three credits.

373. Business Organization and Finance.— MR. YOUNG

A study of the different types of business organization, emphasizing the combination movement and the chief problems encountered in financing a modern business, with emphasis on the corporation.

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

374. Money and Banking.— MR. YOUNG

A practical study of the monetary and banking systems of the United States and the chief foreign countries. Banking operations are analyzed from the point of view of society, the business man and bank administration.

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

375. Principles of Investments.—

MR. YOUNG

Investment principles and practices, including a brief study of the business cycle, an examination of the various investment services and an analysis of leading securities. Attention is centered on the investment problems of the average man.

Prerequisite, course 232. First semester, three hours a week, three credits. Alternating with course 373. Not offered 1933-1934.

The attention of the student of business is called to Mathematics of Investment (course 306), Applied Psychology (course 312), Social Psychology (course 301), Commercial Law (course 363) and other courses in the divisions of Economics and Political Science.

Education

PROFESSOR BRADLEY

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 high school general 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.

Psychology 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, Psychology 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 Psychology 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.

307. Educational Tests and Measurements.—

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

Prerequisite, fifty-four credits, including Education 201. First 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 terminology. 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.

406. 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, ninety credits including nine credits in Education, (Courses 201, 301 required and 307 recommended). Second semester. three hours a week, three credits.

411R. Practice Teaching and Observation.—

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 of these courses are necessary to meet certificate requirements for public high school teaching and must be in the student's major or minor academic subjects.

Only special methods or teachers' courses from the group below taken with Education 301 as a prerequisite will be accepted toward teacher certificate requirements except by permission from the head of the department of Education.

Biology 401	Latin 402
Chemistry 401	Mathematics 401
English 403-404	Physics 402
French 402	Economics, Political Science
German 402	and Sociology 402
History 450	Spanish 402

English

PROFESSORS JOHNSON, CLARK, DOTY, MAY AND WARD

A student may have a major or minor in English Literature or in Constructive English. A major in English Literature consists of at least 14 credits in Literature courses in which two of the following courses are included: 267, 268, 353-354, 355, 356 and 357, 358. The remainder of the major may be in Constructive English. A minor

in English Literature includes at least one of the three Literature courses mentioned above.

A student wishing a major in Constructive English is required to take a total of 12 credits from courses in this division. He may supplement this with courses in Literature. A minor is restricted to this division.

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

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

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

211-212. Debate and Oratory.—

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 discussion, four credits. One credit bonus to those who represent the college in forensic contests.

216. English Philology.— MR. CLARK

A thoro study is made of the philosophical background from which all language grows.

Second semester, two hours a week, two credits.

313-314. Debate and Oratory.—

One year, discussion only. Open to those who have represented the college for two years in forensic contests. Two credits.

401, 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. One year, one to two hours a week, two to six credits.

403-404. Teachers' Course.— MR. WARD

This course is designed to prepare students to teach English in secondary schools. The work consists of readings, conferences and laboratory.

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

B. Literature**267, 268. Types of Literature.—** MR. WARD

A general course in literary and folk traditions, chiefly British. The work consists of lectures, oral and written reports and conferences.

Prerequisite, twenty-four credits or consent of instructor. One year, three hours a week, six credits.

351-352. American Literature.— MISS DOTY

The purpose of the course is to give the student a survey of our national literature as it expresses the development of our

national thought and life from early colonial days to the present time.

Prerequisite, course 102, or instructor's permission. One year, three hours a week, six credits.

353-354. 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.

355, 356. 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.

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. Not offered 1933-1934.

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 Tempest 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 or consent of instructor. 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 or consent of instructor. Second semester, three hours a week, three credits.
- 373, 374. Browning and Tennyson.—** MRS. JOHNSON
 A comparative study.
 Prerequisite, course 356. One year, two hours a week, four credits.
- 375-376. The English Novel.—** MRS. JOHNSON
 Its rise and development.
 Prerequisite, course 356. One year, three hours a week, six credits.
- 451-452. Individual Course.—** MR. CLARK AND MR. WARD
 A reading course for students of distinguished standing.
 Prerequisite, ninety credits and advice of instructors. One year, three hours a week, six credits.

Expression and Dramatic Art

PROFESSORS WHITRIDGE AND OWEN

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

The following courses may count toward a major in Expression: English 207, 210, 211-212, 313-314.

- 141-142. Vocal and Physical Expression.—**
 MISS WHITRIDGE AND MISS OWEN
 Fundamental principles underlying the art of expression and literary interpretation. Deep breathing, control of breath, voice production, voice placing, rhythm, intonation, correction of voice faults and mannerisms. Pantomime, bodily expression, posture, rhythm of bodily movements, poise. Reading and recitation.
 One year, three hours a week, four credits.

144. Corrective Speech.—

MISS OWEN

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

Second semester, two hours a week, two credits.

241-242. Literary and Dramatic Interpretation.—

MISS WHITRIDGE

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

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

245. Story Telling.—

MISS OWEN

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

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

342. Religious Drama.—

MISS WHITRIDGE

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

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

343-344. Shakespeare and Modern Drama.—

MISS WHITRIDGE

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

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

441-442. Dramatic Production.—

MISS OWEN

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 AND MR. SEFERT

A major in French presupposes at least two years of Latin or Greek. A major in French must include courses 301-302, 303 and 331 or equivalents approved by the department. An equivalent of course 331 is a grade of A or B in course 201. Courses 101-102 and 402 are not counted toward a major or a minor. See, also, restriction as to course 206.

The department does not undertake to recommend candidates to teach French who have not completed at least a minor including courses 303, 331 and 402 or approved equivalents. Teacher candidates should also have had course 301-302 if possible.

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

101-102. Elementary French.—

MR. FICKEN AND MISS SUNDHEIM

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

One year, five hours a week, eight credits.

201-202. Intermediate French.—

MR. FICKEN AND MISS SUNDHEIM

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

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

206. Scientific French.—

MR. FICKEN

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

Second semester, four hours a week, three or four credits. Not offered 1933-1934.

301-302. History of French Literature.—

MISS SUNDHEIM

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

One year, three hours a week, six credits.

- 303. Phonetics and Diction.**— MR. FICKEN
 Organs of speech, international phonetic alphabet, intensive drill in the pronunciation of sounds, syllables and stress groups. Individual use of the phonograph for corrective purposes. Phonetic transcription, memorization, conversation, presentation of plays.
 Expression 141 and, if possible, 441 should precede or parallel this course.
 Prerequisite for course 402. First semester, three hours a week, two or three credits. Offered 1933-1934.
- 313. Eighteenth Century Prose.**— MR. FICKEN
 Literary background of the French Revolution and origins of romanticism, with special emphasis upon Montesquieu, Voltaire, Diderot and Rousseau.
 First semester, three hours a week, three credits. Offered 1933-1934.
- 314. Romantic Literature.**— MR. FICKEN
 A brief review of the origins of French romanticism. The reading of representative prose works of Chateaubriand, Victor Hugo, Dumas, George Sand and others. A survey of the poetry of Lamartine, Vigny, Hugo, Musset and Gautier. The romantic drama is included in course 322.
 Second semester, three hours a week, three credits. Not offered 1933-1934.
- 316. The Modern Novel.**— MISS SUNDHEIM
 Extensive reading of prose from Balzac to the present time.
 Second semester, three hours a week, three credits. Offered 1933-1934.
- 321. Seventeenth Century Drama.**— MR. FICKEN
 Corneille, Racine and Moliere with particular emphasis on the latter.
 First semester, three hours a week, three credits. Not offered 1933-1934.
- 322. Nineteenth Century Drama.**— MISS SUNDHEIM
 Extensive reading of plays representative of French dramatic currents since 1830.
 Second semester, three hours a week, three credits. Not offered 1933-1934.
- 331. French Composition and Conversation.**— MISS SUNDHEIM
 Oral and written composition, ear training, reproduction, grammar review. Primarily for seniors who intend to teach French.
 First semester, three hours a week, three credits. Not offered 1933-1934.

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.

Prerequisites, courses 303 and 331, or approved equivalents, and ninety credits. Second semester, two hours a week, two credits.

Geology

PROFESSOR ALEXANDER

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

101-102. General Geology.—

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

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

201. Mineralogy.—

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

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

202. Petrology.—

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

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

301. Regional Geology.—

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

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

302. Economic Geology.—

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

Prerequisites, courses 102 and 202. Second semester, three hours a week, three credits.

311-312. Paleontology.—

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

Prerequisite, Biology 301 or Geology 102. One year, one recitation and four laboratory hours a-week, six credits.

401R. Individual Course.—

In this course the student selects a problem involving field or laboratory work in the branch of the subject in which he is especially interested. The aim is to develop initiative and resourcefulness. Detailed maps and reports are required.

Prerequisite, twelve credits in Geology. Either semester, two or three credits.

German

PROFESSORS MILROY AND SCHULTZ

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

101-102. Elementary German.—MISS MILROY AND MISS SCHULTZ

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

One year, five hours a week, eight credits.

201-202. Intermediate German.—

MISS MILROY AND MISS SCHULTZ

Reading of at least 400 pages of narrative prose (stories) with a review of grammar, accompanied by prose composition; conversation.

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

206. Scientific German.—

MISS SCHULTZ

A reading course for science students. Elective as a substitute for course 202 by permission of the department.

Second semester, four hours a week, four credits.

301. Survey of German Literature.—

MISS SCHULTZ

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

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

302. Lessing.—

MISS SCHULTZ

A brief study of his life and times and the reading of at least two of his important works.

Second semester, three hours a week, three credits.

- 303-304. Modern Prose and Drama.—** MISS MILROY
 General reading course.
 Prerequisite, course 202 if the language was begun in college. Those presenting three years of high school German may elect either this course or one of courses 301, 302 or 310. One year, three hours a week, six credits.
- 305. Goethe.—** MISS MILROY
 Study of Goethe's life and of his lyrics, ballads, dramas and prose works.
 Prerequisite, courses 307 and 310 or their equivalent and fifty-four credits. First semester, three hours a week, three credits.
- 306. Goethe's Faust.—** MISS MILROY
 Critical and Analytical study of Part I, its sources and development.
 Prerequisite, course 305 and fifty-four credits. Second semester, three hours a week, three credits.
- 307. Studies in History of German Literature.—** MISS MILROY
 General survey of German literature from the earliest times to the end of the Middle Ages.
 Prerequisite, course 304, or equivalent. First semester, three hours a week, three credits.
- 308. Lyric Poetry.—** MISS MILROY
 Development of German lyric poetry from the Middle Ages to our own day.
 Prerequisite, fifty-four credits. Second semester, three hours a week, three credits.
- 309. Composition.—** MISS SCHULTZ
 Advanced Syntax, practical composition and conversation.
 First semester, two hours a week, two credits.
- 310. Schiller.—** MISS MILROY
 A rapid survey of his life and the reading of several of his dramas and his most important poems.
 Second semester, three hours a week, three credits.
- 402. Teachers' Course.—** MISS MILROY
 Methods of teaching, text-books, phonetics, etc. Required of all those who desire to teach German; with others optional.
 Prerequisite, course 304 or equivalent and ninety credits. Second semester, two hours a week, two credits.
- 405R. Individual Course.—** MISS MILROY
 Independent work may be done by any advanced student in the department by special arrangement.
 One or two credits.

Greek

PROFESSOR HALL

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

101-102. Grammar.—

A study of the elements of the language. Drill in form, vocabulary, syntax and composition. Readings from Xenophon's *Anabasis*.

One year, five hours a week, eight credits.

112. Classic Mythology.—

A study of the more important myths of Greece and Rome with special attention to their use in English literature.

Second semester, two hours a week, two credits.

201-202. Xenophon or Lucian and Homer.—

- (a) The *Hellenica*, Books I and II, with discussion of the earlier stages of the Peloponnesian war or Lucian's *Charon* or *Timon* and selected short dialogues, with a survey of the literary and social conditions of the age.

- (b) The *Iliad*, Books I-IV in literary and grammatical study.
 Prerequisite, course 102. One year, four hours a week, eight credits.
 Not offered 1933-1934.

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.

301. Athenian Orators.—

Selected orations of Lysias and Demosthenes. Theme work on Isaeus, Isocrates and others. Athenian legal procedure.

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

302. Plato.—

The *Apology* and *Crito*. Socrates and his teachings, with readings from Xenophon's *Memorabilia*.

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

311. Greek Literature in Translation.—

Studies in the classic prose writers and poets of Greece for students having no knowledge of Greek.

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

History

PROFESSORS HOLMES AND MACGREGOR

A major in History consists of twenty-four credit hours selected under the guidance of the department. In the additional eighteen hours from groups II or IV required for graduation there should be included at least six hours from the following courses: Political Science 252, 253; Sociology 201; Economics 231-232.

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

A minor consists of fifteen credit hours.

Course 450 does not count toward a major or a minor. Students who plan to take this course must consult the department when registering for the second semester of the junior year.

101-102. The Modern World.—

MR. HOLMES AND MR. MACGREGOR

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

One year, three hours a week, six credits.

201, 202. English History.—

MR. HOLMES

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

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

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

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

MR. MACGREGOR

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

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

211. Ancient Civilization.—

MR. HOLMES

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

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

Alternating with course 305. Not offered 1933-1934.

212. Medieval Civilization.— MR. HOLMES

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

Prerequisite, twenty-four credits. Second semester, three hours a week, three credits. Alternating with course 306. Not offered 1933-1934.

301, 302. Nineteenth and Twentieth Century Europe.— MR. HOLMES

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

Prerequisite, fifty-four credits, including course 101-102. One year, two or three hours a week, four or six credits.

305. Renaissance and Reformation.— MR. HOLMES

Lectures and assigned readings covering the period from about 1300 to 1648, and dealing with the revolt from established authority which characterized cultural and religious life during this period.

Prerequisite, fifty-four credits, including course 101-102 or 212. First semester, three hours a week, three credits. Alternating with course 211. Offered 1933-1934.

306. The French Revolution.— MR. HOLMES

A study of social, economic and political forces leading to the upheaval of 1789 and continuing to the Congress of Vienna.

Prerequisite, fifty-four credits, including course 101-102. Second semester, three hours a week, three credits. Alternating with course 212. Offered 1933-1934.

313. The West and Minnesota.— MR. MACGREGOR

A detailed study of the westward extension of the United States and the place of Minnesota in this activity.

Prerequisite, fifty-four credits, including History 203, 204. First semester, three hours a week, three or four credits.

314. The Rise and Development of the Central and South American Republics.— MR. MACGREGOR

A study of the development of the countries below the Rio Grande and the importance of that development in relation to world affairs.

Prerequisite, fifty-four credits, including History 203, 204. Second semester, three hours a week, three or four credits.

401, 402. Individual Courses.—

MR. HOLMES AND MR. MACGREGOR

This course is open to those advanced students in history who wish to study some subject not regularly offered. The subject studied and the nature of the instruction will be determined in conference with the department.

Prerequisite, ninety credits. One year, two hours a week, four credits.

450. Teachers' Course.—

MR. MACGREGOR

This course in history methods is designed to aid in the preparation of those students who expect to teach history in secondary schools. The course does not count toward a major or minor in history.

Prerequisite, ninety credits, and Education 301. Second semester, two hours a week, two credits.

Latin

PROFESSOR PALMER

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

101-102. Elementary Latin and Caesar.—

A thoro study of Latin grammar supplemented by easy reading and a few selections of connected Latin.

One year, five hours a week, eight credits.

201-202. Intermediate Latin.—

Selections from the orations of Cicero and from Virgil's Aeneid. A brief study of the life and history of the times in which these men lived. No credit is given for one semester unless the student offers three units of Latin from preparatory school.

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

301. Livy.—

Selections from the first ten books, read with especial attention to the growth and topography of the city of Rome.

Prerequisite, four years of high school Latin or course 202. First semester, three hours a week, three credits. Not offered 1933-1934.

302. Comedy.—

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

Prerequisite, course 301. Second semester three hours a week, three credits. Not offered 1933-1934.

303. Cicero.—

Readings from Cicero's essays and philosophical works.

Prerequisite, four years of high school Latin or course 202. First semester, three hours a week, three credits.

304. Horace.—

Selections from the whole of Horace's works.

Prerequisite, course 303. Second semester, three hours a week, three credits.

305. Poets of the Republic.—

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

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

306. History of Latin Literature.—

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

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

307. Writers of the Silver Age.—

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

Prerequisite, courses 302 and 304. First semester, three hours a week, three credits. Not offered 1933-1934.

308. Poetry Survey.—

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

Prerequisite, course 202 or four years of high school Latin. Second semester, three hours a week, three credits.

309. Advanced Composition.—

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

First semester, two hours a week, two credits.

311. Prose Survey.—

Selections from the principal prose writers of early Latin and the Silver Age.

First semester, three hours a week, three credits.

402. Teachers' Course.—

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

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

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 101, 102 and 106 are not counted toward a major or minor. Course 307-308 and Physics 201-202 are required for a major.

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

MR. ALEXANDER AND MR. HASTINGS

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

One year, four hours a week, eight credits.

106. Mechanical Drawing.—

MR. KINGERY

A course designed for those preparing for technical schools.

Second semester, four hours a week, no credit. Not offered 1933-1934.

201-202. Analysis.—

MR. KINGERY

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

One year, four hours a week, eight credits.

204. Surveying.—

Prerequisite, course 202. Second semester, three hours a week, three credits. Not offered 1933-1934.

301-302. Advanced Analysis.—

MR. KINGERY

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

Prerequisite, course 202. Four hours a week, eight credits.

304. Analytic Mechanics.—

This course is listed as Physics 304.

Prerequisite, courses 302 and Physics 202. Second semester, three hours a week, three credits. Not offered 1933-1934.

306. Mathematics of Investment.—

MR. KINGERY

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

307-308. Advanced Calculus.—

MR. KINGERY

Integral Calculus with introduction to Differential Equations.

Prerequisite, course 302. One year, three hours a week, six credits.

351. Astronomy.— MR. KINGERY
Text-book, lectures and practical work with sextant, transit and clock.

Prerequisite, course 302. First semester, three hours a week, three credits. Not offered 1933-1934.

401. Advanced Algebra and Geometry.— MR. KINGERY
Intended especially for those preparing to teach.

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

Music

MR. JENSEN, MR. FENYVES, MR. GUGGISBERG, MR. AYRES,
MR. MESSEAS, MISS HECK AND MISS YOUNG

Music may be chosen as a major or a minor. Students with a major in music and a minor in history may count History of Music as part of the minor. The total number of credits permitted in music is forty-four.

Minimum Requirements for a Major in Music.

	For piano, organ, voice, violin, and cello	For public school music	Electives
First	101-102 . . . 4 cr.	101-102 . . . 4 cr.	Additional
Year	103-104 . . . 2 cr.	103-104 . . . 2 cr.	applied . . . 2 cr.
	Applied . . . 2 cr.		
Second	201-202 . . . 4 cr.	201-202 . . . 4 cr.	Additional
Year	203-204 . . . 6 cr.	203-204 . . . 6 cr.	applied . . . 2 cr.
	Applied . . . 2 cr.	‡205-206 . . . 0 cr.	
Third	301-302 . . . 4 cr.	301-302 . . . 4 cr.	Additional
Year	Applied . . . 2 cr.	309 0 cr.	applied . . . 2 cr.
		311-312 . . . 0 cr.	303-304 . . . 4 cr.
		401-402 . . . 4 cr.	310 1 cr.
Fourth	Applied . . . 2 cr.	313-314 . . . 0 cr.	305-306 . . . 4 cr.
Year		403-404 . . . 4 cr.	307-308 . . . 4 cr.

‡Or in lieu thereof one year of voice.

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

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

Six credits in Physics 101-102 are required.

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

Requirements for a Minor in Music.

	For piano, organ, voice, violin, and cello	
First	101-102 4 cr.	Second 203-204 6 cr.
Year	103-104 2 cr.	Year Applied 2 cr.
	Applied 2 cr.	

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

- 101-102. Elementary Harmony.—** MR. JENSEN
One year, two hours a week, four credits.
- 103-104. Ear Training.—** MR. JENSEN
Open only to students who are registered for Music 101-102, or who have previously completed this course.
One year, one hour a week, two credits.
- 105-106. Chorus.—** MR. JENSEN
One year, one hour a week, one credit. Special registration at Conservatory of Music.
- 201-202. Advanced Harmony.—** MR. JENSEN
Prerequisite, course 102. One year, two hours a week, four credits.
- 203-204. History of Music.—** MR. JENSEN
One year, three hours a week, six credits.
- 205-206. Fundamentals of Singing.—** MR. GUGGISBERG
Open only to students majoring in Public School Music. One year, one hour a week, no credit.
- 301. Harmonic Analysis.—** MR. JENSEN
Prerequisite, course 202 or permission of instructor. First semester, two hours a week, two credits.
- 302. Form.—** MR. JENSEN
Prerequisite, course 301, or permission of instructor. Second semester, two hours a week, two credits.
- 303-304. Counterpoint.—** MR. JENSEN
Prerequisite, course 202, or permission of instructor. One year, two hours a week, four credits.
- 305-306. Composition.—** MR. JENSEN
Prerequisite, courses 302 and 304. One year, two hours a week, four credits.
- 307-308. Advanced History of Music.—** MR. JENSEN
Prerequisite, course 204. One year, two hours a week, four credits.
- 309. Folk Song.—** MR. JENSEN
First semester, one hour a week, no credit. Required of all students whose major is in Public School Music.
- 310. Modern Trends in Music.—** MR. JENSEN
Prerequisite, course 301. Second semester, one hour a week, one credit.
- 311-312. Orchestral Strings.—** MISS HARRIS
Required of all students whose major is in Public School Music. One year, one hour a week, no credit.
- 313. Orchestral Woodwinds.—**
Required of all students whose major is in Public School Music. First semester, one hour a week, no credit.

314. Orchestral Brasswinds.—

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

401-402. Public School Music.—

MISS HECK

Prerequisite, one year of voice. One year, two hours a week, four credits. Special fee, \$40.00 a semester.

403-404. Advanced Public School Music.—

MISS HECK

Prerequisite, course 402. One year, two hours a week, four credits. Special fee, \$40.00 a semester.

405-406. Normal Training in Piano.—

MISS YOUNG

One year, two hours a week, four credits.

Applied Music.—

Piano
Voice
Organ

Violin
Clarinet
Ensemble

Violoncello

Special fees according to instructor.

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

For further information concerning the Conservatory of Music refer to pages 86-95 of this bulletin.

Philosophy

PROFESSOR ANDERSON

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

205R. Ethics.—

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

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

209. Logic and Scientific Method.—

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

First semester, three hours a week, three credits.

220. Introduction to Philosophy.—

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

Second semester, three hours a week, three credits.

305. Development of Morals and of Moral Ideas.—

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

Prerequisite, course 205 and Psychology 201. First semester, two hours a week, two credits.

311, 312. History of Philosophy.—

The emphasis is placed on the leading thinkers and systems, with their backgrounds and relations to the general progress of thought. The second half of the year's work begins with John Locke. Credit is given for either semester.

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

316. Recent Philosophy.—

A study of the recent statements of problems and of contributions to their solution.

Prerequisite, course 220 or 312. Second semester, two hours a week, two credits. Not offered 1933-1934.

325. Mind and Body.—

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

Prerequisite, fifty-four credits. First semester, two hours a week, two credits. Not offered 1933-1934.

326. Philosophy of Religion.—

On the nature and philosophic implications of religion, but with particular reference to the Christian view of the world.

Prerequisite, fifty-four credits. Second semester, two hours a week, two credits. Not offered 1933-1934.

330. Modern Idealism.—

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

Second semester, two hours a week, two credits.

Physics

PROFESSOR HASTINGS

For a major in Physics, courses 201, 202, 301, 302, 304, 411 are required and eight credits in each of Mathematics and Chemistry are prerequisite. A minor in Mathematics or Chemistry is recommended to students majoring in Physics. A thesis is required upon graduation in connection with the individual work in course 411.

For a minor in Physics, the following courses are suggested: 201, 202, and either 301, 302 or 304.

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

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

Physics 101-102 and 402 do not count towards a major, minor, pre-medical or pre-dental requirement.

101-102. Sound.—

A course designed primarily to meet the requirements in the Conservatory of Music. A few others may elect this course with special permission. Part of the first semester is devoted to a summary of mechanics and heat with special emphasis on any application to sound. The remaining time is devoted to a detailed study of sound, including the following topics: the production and temperament of the scale on different instruments; analysis of vocal and instrumental tones; concord and discord; acoustics, showing the propagation, reflection and absorption of sound waves. Students will be given fundamental experiments in sound thruout the course.

One year, two lecture and recitation hours, and one laboratory demonstration a week, six credits.

201-202. General College Physics.—

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

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

221. Principles of Radio Communication.—

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

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

301. Mechanics and Heat.—

A complete survey of the more advanced principles of mechanics and heat including discussions of the modern developments in physics. Thermodynamics is introduced in this course. Experiments are performed on such subjects as moment of inertia, harmonic motion, viscosity and continuous flow calorimetry. Each student is required to perform about thirty quantitative experiments and to consider the probability and origin of errors in measurement, together with methods for their elimination.

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

302. Sound, Light and Electricity.—

An advanced study of the fundamental principles of sound, light and electricity using the methods of precision of measurement described under course 301. Of the thirty experiments performed, over half are in electricity, affording the student an opportunity to familiarize himself with electrical measuring instruments.

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

304. Analytical Mechanics (Mathematics 304).—

This course presents the application of mathematics to the solution of physical problems. The course is run in conjunction with the department of Mathematics. Students will be given instruction in the mathematical and physical aspects of mechanics by members of the faculty of both departments.

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

402. Teachers' Course.—

A study of the content of a high school course in physics. Special attention is given to the arrangement of the subject-matter

and the methods of teaching. Students in this course will be given experience in demonstrating principles of physics before the class, and will be required to report on the content of some of the more popular texts now used in high school physics.

Prerequisite, course 202. Second semester, two recitations a week, two credits. This course does not count toward a major or a minor. Not offered 1933-1934.

411R. Advanced Experimental Physics.—

In this course the student is allowed to carry on experimentation in some particular field of his own choosing, subject to the approval of the head of the department. The aim of such a course is to deepen rather than to broaden the student's knowledge of the subject, and also to cultivate a taste for research. The course may be repeated with different topics.

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

Psychology

PROFESSORS FRANKLIN, KAGIN AND MCLEAN

201R. General Psychology.—

MR. FRANKLIN

An introductory survey of the theory, principles, laws and applications of normal human psychology. An impartial position is assumed with regard to contending views and schools. An attempt is made to point the study toward a more intelligent understanding of human conduct in every-day life.

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

305. The Psychology of Childhood.—

MR. KAGIN

A study of childhood, including the sources and characteristics of original nature and how it may be modified; social and non-social instincts; the original basis of the power to think; imagination in childhood; plasticity and habit formation; play and its significance; religious and moral tendencies, and suggestions regarding mental health in childhood.

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

306. The Psychology of Adolescence.—

MR. KAGIN

The general characteristics of the adolescent period; its influence, physiological characteristics, accompanying mental and social changes; the appreciation of art and beauty, and the

growth of moral concepts, with additional work toward the development of a better understanding regarding this period in the life of the individual.

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

311. Experimental Psychology.— MR. FRANKLIN

A more detailed study of certain principles and problems arising in General Psychology, sensation, attention, association, hearing, et cetera. An introduction to the experimental method and the statistical treatment of data.

Prerequisite, course 201. First semester, one lecture and two laboratory hours a week, three credits.

312. Applied Psychology.— MR. FRANKLIN

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

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

313. Psychology and Personality.— MR. MCLEAN

This course is a study of human behavior in the light of contemporary psychological theory and experimentation. The various aspects of personality adjustment are considered with reference to case materials, especially biographical studies. It is highly desirable that students have as a prerequisite, Sociology 301.

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

314. Abnormal Psychology.—

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

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

402. Advanced Problems of Psychology.—

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

Second semester, two hours a week, two credits.

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

Religion

Including Bible and Religious Education

PROFESSORS WALLACE, FRANKLIN, KAGIN AND MCLEAN

The aim of the department is two-fold: 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.

Required Courses.—8 credits in the department are required for graduation. These must include course 101-102 or course 105.

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, including courses 201 and 321 are required in addition to courses 101-102 or 105.

Major.—A major in this department offers a pre-vocational foundation for those who are preparing to study for the Christian ministry or for some phase of work in the field of Religious Education. At least 20 credits are required, including courses 101-102 or 105, 103, 201, 208, and 342.

101-102. The Life and Teachings of Christ.—

MR. FRANKLIN AND MR. MCLEAN

A careful study is made of the Gospel narratives, followed by consideration of the teachings of Jesus on great social, moral and religious problems. Individual reports, discussions, written themes and occasional lectures.

Both semesters required for credit.

One year, two hours a week, four credits.

- 103. Old Testament History.—** MR. FRANKLIN
 A study of the History of the Hebrew people from the earliest times to the Maccabean period.
 First semester, two hours a week, two credits.
- 105R. The Life of Christ.—** MR. MCLEAN
 Following a brief introduction to the Gospel narratives a survey of the life and teachings of Jesus is made. Where it is not possible to take the required course in Religion, 101-102, this course may be substituted.
 Either semester, two hours a week, two credits.
- 201R. The Missionary Labors of the Apostles.—** MR. KAGIN
 This study seeks to trace the gradual development of Christianity from its humble beginnings in Palestine out through Asia Minor and Greece until it was planted in the heart of the Roman Empire. The Acts of the Apostles and certain New Testament Epistles are used as source material.
 Prerequisite, twenty-four credits. 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. Not offered 1933-1934.
- 204. Missions and World Citizenship.—** MR. KAGIN
 A survey course of the progress of world-wide Christian propaganda. Lectures, lantern slides, character sketches of great missionaries by members of the class, and letters from missionaries on the field are features of the course. Special attention is given to current movements in foreign lands which bear on the mission problem.
 Prerequisite, twenty-four credits. Second semester, three hours a week, three credits. Not offered 1933-1934.
- 208. The Prophets of Israel.—** MR. FRANKLIN
 A careful study of the historical, religious and social background of the prophets, in relation to their own and surrounding nations. Emphasis is laid upon their ethical and religious messages and their permanent contribution to world thought.
 Prerequisite, course 103. Second semester, two hours a week, two credits.

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

This course is designed for students desiring to make a thoro study 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 credits and courses 101, 102, 103 and 208. One year, two hours a week, four credits.

311. Essentials of Christian Belief.— MR. KAGIN

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

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

312. Comparative Religion.— MR. KAGIN

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

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

313. Social Teachings of Christianity.— MR. KAGIN

This includes a careful study of the social teachings of the Bible, their influence on the institutions of mankind, their application to current problems and comparison with the social teaching of some of the other leading religions.

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

314. Christianity and the State.— MR. KAGIN

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.

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

336. Psychology of Religious Experience.— MR. KAGIN

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

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

341. Introduction to Religious Education.— MR. KAGIN

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

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

342. The Program of Religious Education.— MR. MCLEAN

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

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

343. Religious Education and the Adolescent.—MR. MCLEAN

This course deals with the history, problems and methods of work with young people of high school and college age.

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

401, 402. Individual Course.—

Properly qualified students may pursue a subject of special interest under the guidance of the instructor within whose field

the subject lies. Opportunity is given for extended research and a written report is required.

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

Psychology 305 and 306 may count toward a major or minor in the Department of Religion.

Sociology

PROFESSOR RYDER AND MISS HARRISON

This department aims to assist in the preparation of students for teaching in the social sciences, for professional social work and for intelligent and useful citizenship.

Those who plan to major or minor in the subject are advised to confer with members of the department and arrange their course sequences as early as possible.

Two kinds of majors are recognized in this department, the academic and pre-professional in social work. Twenty credits are required for an academic major and twelve for a minor. Thirty credits are required for a pre-professional major.

The academic major must include courses 201R, 301, 305 or 306, 304 or 308, and 310. The pre-professional major must include courses 201R, 301, 304, 305 or 306, 308, 310, 321, 322, 351R and 352R.

The following related courses in other departments are recommended, especially to those who are taking the pre-professional major: Biology 101-102 and 204, Economics 231-232 and 339, Education 201R, History 101-102 and 306, Philosophy 220 or 311, 312, and Psychology 305 and 314. Students who expect to enter group work are advised to take English 207 or 210 and Expression 141-142 and 245.

It is expected that pre-professional majors will take one or two years of graduate studies in an accredited Social Work School and fulfill the additional requirements for the professional certificate in social work. By a definite affiliation, either the academic or the pre-professional major can be directly transferred for advanced work at the University of Minnesota.

201R. Principles of Sociology.—

MR. RYDER

An introductory course. The nature of human nature; the origins and development of social groups, organizations and

institutions; the meaning of society; social isolation; contact and interaction; social processes; social forces and their control; collective behavior, social progress and social values.

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

301. Social Psychology.— 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.

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

303. Social Anthropology.— MR. RYDER

A study of social origins and cultural development; prehistoric man, his concepts and culture patterns; the evolution of tools, food processes, clothing, housing, agriculture, war, transportation, property, the family, economic activities, government, education, the fine arts, ethics and religion; the diffusion of culture traits and achievements.

Prerequisite, course 201 and forty-five credits. First semester, three hours a week, three credits. Not offered 1933-1934.

304. Criminology.— MR. RYDER

A study of criminal behavior; causative factors in delinquency and crime; the history of penal theories and practices; the growth of penal institutions, parole, and the indeterminate sentence; the police, courts and other agencies of justice; contemporary changes in the treatment of the offender and in the prevention of delinquency and crime; field trips to local courts, the Capitol and the state prison at Stillwater.

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

306. The Rural Community.—

MR. RYDER

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

Prerequisite, course 201. Second semester, three hours a week, three credits. Not offered 1933-1934.

307. Modern Social Movements.—

MR. RYDER

A study of Utopias, Socialism, Communism, Fascism, Co-operatives, Organized Labor, Peace, Inter-Church, Social Planning and other contemporary movements.

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

308. Social Problems.—

MR. RYDER

An advanced course in the study of man's quest for social guidance and of major social problems; mechanical changes and social maladjustments in the realms of race, population, the economic system, government, international relations, education, health, the family, morals and religion; the possibilities of social attitudes, values, justice and reconstruction.

Prerequisite, course 201 and fifty-four credits. Second semester, three hours a week, three credits. Not offered 1933-1934.

310. Social Progress.—

MR. RYDER

A survey and analysis of the theories of society which have been held by the different nations and schools of thought. The course will deal first, with the great values and ends that lie behind the scientific and other endeavors of man and secondly, with the agents, processes, attitudes, technic, institutions and situations that have either thwarted or advanced social progress.

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

312. Social Control.—

MR. RYDER

The interests and methods of the social sciences; the rise and growth of the symbolic and institutional means of social control; disrupting forces in the social order; social changes and current problems of control; the specific methods and agencies of control.

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

321. The Family.—

MISS HARRISON

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

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

322. Child Welfare.—

MISS HARRISON

Social obligations to the child; a study of social agencies and laws for the welfare of children; infant mortality, child labor, vocational guidance, mental hygiene, recreation, education, dependency, delinquency, courts, institutions and societies.

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

351R. Elementary Social Case Work.—

MISS HARRISON

A study of the elementary technic of analysis and treatment of individual and family problems; principles of social treatment are taught thru case records, readings and lectures.

Prerequisite, course 301, a minor in the department, and candidacy for the pre-professional major. Either semester, three hours a week, three credits.

352R. Field Work.—

MISS HARRISON

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

Prerequisite, course 351R and ninety credits. Either semester, six hours a week, three credits.

402. Methods in the Social Sciences.—

MR. DAVIS, MR. RYDER AND MR. YOUNG

This course is offered primarily for candidates for a teacher's certificate; a methodological approach to the social disciplines; comparative analyses of representative treatises and practices in the social sciences; methods of classroom procedure; student projects in teaching.

Prerequisite, basic courses in Economics, Political Science, and Sociology, and fifty-four credits. Second semester, two hours a week, two credits.

Spanish

PROFESSOR RINGO

Course 101-102 not counted toward major.

101-102. Elementary Spanish.—

Pronunciation, the essentials of grammar, elementary conversation and reading.

One year, five hours a week, eight credits.

- 201-202. Intermediate Spanish.—**
 Rapid review of grammar, conversation and composition and readings from Spanish Literature.
 One year, four hours a week, eight credits.
- 206. Commercial Spanish.—**
 A study of elementary business along with practice in Spanish commercial correspondence.
 Second semester, three hours a week, three credits. Not offered 1933-1934. Prerequisite, course 201.
- 303. Modern Spanish Drama.—**
 A study of the drama from Moratin through Galdos, with special emphasis upon the Romantic Movement.
 First semester, three hours a week, three credits. Not offered 1933-1934.
- 306. Spanish Civilization.—**
 A study of the factors that have contributed to the development of Spain up to the present time.
 Second semester, three hours a week, three credits.
- 307. Literature of the Golden Age.—**
 A general survey of Spanish Literature up to modern times. Lectures, reading of representative works, and reports.
 First semester, three hours a week, three credits.
- 308. The Modern Spanish Novel.—**
 Mainly a study of the Novel of the 19th century.
 Second semester, three hours a week, three credits.
- 309. Contemporary Spanish Literary Movements.—**
 A study of the chief literary trends of today.
 First semester, three hours a week, three credits.
- 311. Advanced Composition and Oral Practice.—**
 Oral and written composition with special emphasis on style. Original essay work.
 First semester, two hours a week, two credits. Not offered 1933-1934.
- 313. Survey of Spanish American Literature.—**
 Lectures, and study of representative movements and authors, with special emphasis on the influence of Ruben Dario upon modern poetry.
 First semester, two hours a week, two credits.
- 404. Phonetics and Diction.—**
 A scientific study of pronunciation and oral expression.
 Prerequisite, course 201. Second semester, two hours a week, two credits.

Physical Education

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

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

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

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

Men

MR. PRIMROSE, MR. GOWANS, DIRECTORS

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

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

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

101-102. Elementary Gymnastics.—

MR. GOWANS

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

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

- 103R. Personal Hygiene.—** MR. PRIMROSE
 Lectures and discussions of the relation of exercise to correct habits of living.
 Required of freshmen, one semester, one hour a week.
- 105R. Elementary Swimming.—** MR. PRIMROSE
 This course aims to enable the student to swim well enough to meet emergencies.
 Open to all, two hours a week.
- 107. Health Education.—** MR. PRIMROSE
 This course will consist of lectures, recitations and preparation of digests upon practical methods of sanitation, care of the body, correct methods of exercising, and proper foods.
 Required of candidates for the special teacher's certificate in Physical Education. First semester, two hours a week, two credits.
- 201-202. Advanced Gymnastics and Apparatus Work.—** MR. PRIMROSE
 Physiology of exercise. Leadership developed by students taking charge of class groups. Gymnastic, wrestling, boxing and swimming teams organized.
 Prerequisite, course 102. One year, two hours a week.
- 203-204. Advanced Swimming.—** MR. PRIMROSE
 A continuation of course 105. May be substituted for course 201-202.
 Prerequisite, course 105, or equivalent. One year, two hours a week.
- 207. Corrective Gymnastics.—** MR. PRIMROSE
 Methods of examination for the detection of physical defects of posture and structure of the body, and the prescribing of exercises and games to correct these defects.
 First semester, two hours a week, two credits.
- 305. First Aid and Athletic Training.—** MR. PRIMROSE
 A study of first aid methods and treatment of athletic injuries. The members of this class will be required to work one hour a week in the training room. (The official American Red Cross course in First Aid is followed.)
 First semester, one hour a week, one credit.
- 306. Kinesiology.—** MR. PRIMROSE
 A study of the mechanics of muscular work and the physiology of exercise and play.
 Prerequisite, course 201-202. Second semester, one hour a week, one credit.

- 308. Playground Methods and Activities.**— MR. PRIMROSE
Games, stunts and relays based on the modern idea of physical education through play and games. This course gives special instruction in athletic gymnastic type of exercise.
Second semester, two hours a week, two credits.
- 401-402. Theory of Sports.**— MR. GOWANS
The major sports (football, basketball, track and field, hockey, and swimming) will be studied from the practical and theoretical sides of offense and defense. Strategy of games, scouting, psychology of coaching, study of rules and officiating will also be covered. The student will be required to help coach and officiate freshman, inter-class and intra-mural team games.
One year, two hours a week, four credits.
- 404. Organization and Administration of Athletics.**— MR. GOWANS
This course treats of the place of Physical Education in the academic curriculum, schedule making, purchasing of equipment, construction of athletic fields and gymnasiums, organization of conferences, handling of games and tournaments and the administrative duties of the director of athletics.
Second semester, two hours a week, two credits.

Women

MISS HOFLAND, DIRECTOR

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

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

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

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

Choice of:

Fall: archery, hockey, tennis, golf, speedball.

Winter: volley ball, basketball, recreational sports (which include deck tennis, shuffleboard, aerial darts, ping pong, paddle tennis), clogging and Folk dancing.

Spring: baseball, tennis, archery and golf.

103R. Personal Hygiene.—

A series of discussions and projects directed toward the solving of individual and group health problems with special emphasis on correct habits of posture, exercise and daily living.

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

105-106. Elementary Swimming.—

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

Open to all, two hours a week.

111. Remedial Activities.—

Special developmental and remedial work adapted for students having postural or organic weakness.

203-204. Intermediate Swimming.—

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

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

303-304. Advanced Swimming.—

Strokes, diving, life-saving and water stunts.

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

Students are advised not to purchase swimming or gymnasium suits until class instructions have been received.

Macalester College Conservatory of Music

Faculty

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

GABRIEL FENYVES, Piano.

CARL F. GUGGISBERG, Voice, Fundamentals of Singing.

HAROLD AYRES, Violin.

JAMES MESSEAS, Cello, Ensemble.

MATHILDA HECK, Public School Music.

JESSIE MAY YOUNG, Piano, Piano Normal.

Associate Faculty

RUTH BACH, Piano.

ELAINE GERBER, Piano.

HELEN HARRIS, Violin.

SADIE GINGOLD HENLY, Piano.

HOLLIS JOHNSON, Clarinet, Band.

THOMAS LARIMORE, Piano.

ANNE McCLOUD PIERCE, Voice.

DORA S. SCHAETTGEN, Piano.

CLAIRE THORALDSON, Piano.

MYRTLE WEED, Piano.

Entrance Requirements

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

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

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

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

Degrees and Certificates

Bachelor of Arts Degree with Major or Minor in Music.—

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

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

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

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

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

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

Bachelor of Music Requirements

General

First Year

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

Second Year

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

Special

For Major in Piano

Piano	4 cr.	Piano	4 cr.
Voice, or Fundamentals of singing	2 cr.	Orchestral strings	2 cr.
		Chorus	1 cr.

For Major in Organ

Organ	4 cr.	Organ	4 cr.
Voice, or Fundamentals of singing	2 cr.	Orchestral strings	2 cr.
		Chorus	1 cr.

For Major in Voice

Voice	4 cr.	Voice	4 cr.
Piano	2 cr.	Orchestral strings	2 cr.
Chorus	1 cr.	Piano	1 cr.
		Chorus	1 cr.

For Major in Violin

Violin	4 cr.	Violin	4 cr.
Voice, or Fundamentals of singing	2 cr.	Piano	2 cr.
Piano	2 cr.	Chorus	1 cr.

Bachelor of Music Requirements

General

Third Year

Harmonic analysis	2 cr.
Form	2 cr.
Counterpoint	4 cr.
Modern Trends	1 cr.
Orchestral winds	2 cr.
Recital	2 cr.
Philosophy 205	3 cr.
Psychology 201	3 cr.

Fourth Year

Composition	4 cr.
Advanced history of Music	4 cr.
Orchestration	4 cr.
Normal	4 cr.
Recital	2 cr.
Thesis	2 cr.

Special

For Major in Piano

Piano	4 cr.
Accompanying	2 cr.
Transposition	1 cr.
Keyboard harmon- ization	1 cr.
Sight-reading	1 cr.

Piano	4 cr.
Ensemble	2 cr.
Transposition	1 cr.
Keyboard harmon- ization	1 cr.
Sight reading	1 cr.

For Major in Organ

Organ	4 cr.
Accompanying	2 cr.
Transposition	1 cr.
Keyboard harmon- ization	1 cr.
Sight reading	1 cr.

Organ	4 cr.
Conducting	1 cr.
Transposition	1 cr.
Keyboard harmon- ization	1 cr.
Sight reading	1 cr.

For Major in Voice

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

Voice	4 cr.
Chorus	1 cr.
Conducting	1 cr.
Sight reading	1 cr.

For Major in Violin

Violin	4 cr.
Ensemble	2 cr.
Sight reading	1 cr.

Violin	4 cr.
Ensemble	2 cr.
Conducting	1 cr.
Sight reading	1 cr.

Certificate of the Conservatory in Public School Music.—

This certificate is awarded to any student who completes the following courses:

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

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

Certificate of the Conservatory in Normal Piano—

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

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

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

For complete list of subjects offered at the Conservatory see pages 66-67.

Piano

Prerequisites.—A candidate for entrance to the freshman year in piano should have a good knowledge of all scales and arpeggios and should present at least one movement from an easy sonata of Haydn, Mozart or Beethoven. Those who are deficient in entrance requirements must enter one of the preparatory grades. No college or conservatory credits are granted for work in these grades.

Below is given a brief outline of technical work to be followed as closely as possible by the instructors. At the close of each semester, the student is examined by the director upon the work of that semester as outlined, and progress toward completion of the course is determined upon the result of that examination.

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

Major and minor tonic triads and inversions.

Freshman II.—Scales in 8th notes. M. M. 100 quarters
Parallel and contrary motion.

Selections from French and English suites of Bach.

Sophomore I.—Scales in 16th notes. M. M. 72 quarters
Thirds, sixths and tenths.

Sophomore II.—Scales in 16th notes. M. M. 90 quarters
Tonic triad arpeggios, parallel and contrary motion. Two-part Inventions of Bach.

Junior I.—Scales in 16th notes. M. M. 108 quarters
Dominant and diminished seventh chords, solid, broken and arpeggios.

Junior II.—Scales in 16th notes. M. M. 120 quarters
Octave scales. Review of previous work. Three-part Inventions of Bach. A public recital is required in this year.

Senior I.—Scales in 16th notes. M. M. 144 quarters
Double thirds and double sixths. Well-tempered Clavichord of Bach.

Senior II.—A graduation recital.

Voice

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

Freshman Year.—A study of the simplicity of breath control as applied to vocal as well as dramatic art; a study of the vowels; exercises in relaxation; drill in intonation and rhythm, tone production, and placing. The instructor will choose vocalizes best

adapted to the needs of the student. At least twenty songs of moderate difficulty must be memorized, with special attention to English diction.

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

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

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

Organ

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

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

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

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

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

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

Violin

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

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

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.

Recitals

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

Concerts

Students of Macalester Conservatory have many opportunities to attend musical events in the cities of St. Paul and Minneapolis. Opera companies visit the Twin Cities each season, the Minneapolis

Symphony Orchestra gives a series of concerts, membership in the Schubert Club of St. Paul and the Thursday Musicale of Minneapolis is open to students, and there are constant opportunities to attend recitals by the foremost artists of the country.

Sorority

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

Preparatory Department

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

Tuition

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

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

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

Piano	According to Instructor		
Organ	"	"	"
Voice	"	"	"
Violin	"	"	"
Violoncello	"	"	"
Ensemble	"	"	"
Clarinet	"	"	"

Elementary harmony	\$12.00
Ear training	6.00
Advanced harmony	12.00
History of music	18.00
Harmonic analysis	12.00
Form	12.00
Counterpoint	12.00
Advanced history	12.00
Composition	12.00
Modern trends	6.00
Normal piano	12.00
Public school music	40.00
Advanced public school music	40.00
Class instruction in piano for beginners	13.50
Piano practice, one hour daily	8.00
Organ practice, per hour40
Conservatory diploma	5.00

In case the registration for any class is too small, the Conservatory reserves the right to abandon the class or to raise the terms.

Honorary Degrees

Conferred by Macalester College

- 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. Glen Lake, 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. Deceased
 LL. D. to Hon. James Jerome Hill. Deceased
- 1915: Litt. D. to Rev. John Wright. Deceased
 D. D. to Rev. William C. Laube, '01. Dubuque, Ia.
- 1916: Mus. M. to Harry Phillips. Deceased
 Mus. M. to George H. Fairclough. St. Paul, Minn.

- 1918: D. D. to Rev. Asa John Ferry Chicago, Ill.
 D. D. to Rev. James B. Lyle Turtle Creek, Pa.
 D. D. to Rev. T. Ross Paden St. Paul, 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 San Antonio, Texas
 D. D. to Rev. Charles Petran Minneapolis, Minn.
 D. D. to James Wallace, Ph. D St. Paul, Minn.
- 1924: D. D. to Rev. James E. Detweiler St. Louis, Mo.
 D. D. to Rev. David A. Thompson 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.
- 1928: D. D. to Rev. Carl Wadsworth Scovel Cortland, N. Y.
- 1929: D. D. to Rev. George Clements Edson Waynesburg, Pa.
- 1930: LL. D. to Rev. William Figley Weir, D. D. Chicago, Ill.
- 1932: LL. D. to George D. Dayton Minneapolis, Minn.

Roll of Students

Senior Class

Arthur Emil Roy Anderson	Princeton, Minn.
Lorraine Violet Anderson	St. Paul, Minn.
Mayme Margaret Axling	St. Paul, Minn.
Holly Amelia Barck	Albert Lea, Minn.
Charles Joel Beck	Mountain Iron, Minn.
Roy Henry Boldt	Bayport, Minn.
Archie Campbell	Minneapolis, Minn.
Robert Clark Carey	Hayfield, Minn.
Hazel Lillian Cates	Albert Lea, Minn.
Everett Benjamin Coulter	Lamberton, Minn.
Richard Hoffman Creeger	Luverne, Minn.
Irene Edna Critchfield	St. Paul, Minn.
Benjamin Drake	Minneapolis, Minn.
Wanda Elizabeth Edwards	St. Paul, Minn.
Rudolph Ehnbohm	St. Paul, Minn.
Digny Irene Erickson	Hibbing, Minn.
George Chester Erickson	Stratford, Iowa
William Edmund Fitzsimons	St. Paul, Minn.
Lorna Jeanette Forbes	South St. Paul, Minn.
Sarah Regina Frank	Buffalo, Minn.
Floyd Edward Gerth	Sanborn, Minn.
Arthur Alfred Hakel	Silver Lake, Minn.
Paul Bartlett Haney	Eveleth, Minn.
Louise Gould Harding	Hudson, Wis.
Helen Esther Harris	St. Paul, Minn.
Donald Norris Holscher	Albert Lea, Minn.
Elwyn Raymond Hudec	Silver Lake, Minn.
Murel Lewis Humphrey	St. Paul, Minn.
Elizabeth Vincent Hunt	St. Paul, Minn.
Enid Florence Ironside	Browns Valley, Minn.
Harold John Jerabek	Silver Lake, Minn.
Agnes A. Keller	Mankato, Minn.
Wilford Albert Kespohl	Floodwood, Minn.
Carl Walter Kick	Pine City, Minn.
Fred Henry Koch	St. Paul, Minn.
Helen Emma Krauss	St. Paul, Minn.
Mabel Cathryn Kreie	Brownnton, Minn.
Evangeline Naomi Larson	St. Paul, Minn.
Frank Flanders McKean	Baker, Minn.
Mildred Lucille Marble	St. Paul, Minn.
Reuben Benjamin Meckel	Elmore, Minn.
Lewis Erwin Merman	St. Paul, Minn.
Jules Owens Meyer	St. Paul, Minn.
Iona Mae Meythaler	Groton, S. D.
Virginia Elmina Mills	Appleton, Minn.
William Henry Morris	Willmar, Minn.
Charles Frederick Mullen	Madelia, Minn.

Clifford Arthur Nelson	South Haven, Minn.
David Nielsen	Albert Lea, Minn.
Jennie Levina Norman	St. Paul, Minn.
Gladys Caroline Nyquist	St. Paul, Minn.
Laura Marie Okerman	Concordia, Kansas
Walter Oscar Olson	Minneapolis, Minn.
Paul Jonathan Peterson	St. Paul, Minn.
Bernice Marie Pettersen	St. Paul, Minn.
Merlyn Roger Powell	Marshall, Minn.
Jane Marie Robertson	Minneapolis, Minn.
Donald Hill Rock	St. Paul, Minn.
Lathrop Emmett Rogers	St. Paul, Minn.
Lois Mae Rogers	St. Paul, Minn.
Henry William Essery Roome	St. Paul, Minn.
Walter Carl Schatz	Brownton, Minn.
Kenneth Tyrol Severud	Rushford, Minn.
Seymour L. Simon	St. Paul, Minn.
John Wallace Snyder	Alpha, Minn.
Roger LeRoy Steltzner	Rice Lake, Wis.
Maurine Elizabeth Struthers	Amiret, Minn.
Wilfred Roland Stube	Slayton, Minn.
Lawrence Edward Thompson	Minneapolis, Minn.
Charles Spurgeon Varner	Diagonal, Iowa
Clara Martha Wahlers	St. Paul, Minn.
Gertrude Adelaide Waits	St. Paul, Minn.
Elinor Walker	Minneapolis, Minn.
Mabel Elsie Weidauer	Marshall, Minn.
Ray Eugene Williams	St. Paul, Minn.
Anna Catherine Wilson	Mankato, Minn.
Louise Aletha Wood	Mankato, Minn.
Earl Edwin Worner	Wheaton, Minn.
Rachel Yukl	Holdingsford, Minn.

Junior Class

Robert Edward Aurelius	St. Paul, Minn.
Alberta Carol Bahr	Grand Rapids, Minn.
Charlotte Edith Bailey	Estherville, Iowa
Dwight Harold Ball	Minneapolis, Minn.
Margaret Elizabeth Ball	Minneapolis, Minn.
Gordon Claus Bergin	Minneapolis, Minn.
Laverne Elizabeth Bergquist	Stillwater, Minn.
Ivan Charles Burg	St. Paul, Minn.
Clayton Donald Calgren	Cokato, Minn.
Ralph William Chamberlain	Hastings, Minn.
Lewis Larned Coburn	Fulda, Minn.
Edwin Vernard Coulter	Lamberton, Minn.
Katherine Elizabeth Davis	Minneapolis, Minn.
Beatrice Louise Dziuk	Foley, Minn.
Florence Ethel Emmans	Bethel, Minn.
Anna Marie Erbele	Wishek, N. D.

Meldon Oscar Erickson	Minneapolis, Minn.
Helen Marie Farnham	St. Paul, Minn.
Ralph Wilbur Fellman	Cazenovia, Minn.
William Steinfeldt George	Mankato, Minn.
Lloyd Clayton Gilman	Willmar, Minn.
Eugene Emanuel Grafstrom	North Branch, Minn.
Lois Evelyn Green	St. Paul, Minn.
Arthur Gregory	St. Paul, Minn.
William Everett Hall	Red Wing, Minn.
Ruth Elizabeth Hanley	St. Paul, Minn.
Earl Victor Hansen	Balsam Lake, Wis.
Helen Mary Harding	Hudson, Wis.
Richard Bowne Hazard	Minneapolis, Minn.
Eleanor Carolyn Heck	St. Paul, Minn.
Lillian Elizabeth Hopeman	Moorhead, Minn.
Mae Flora Howe	Foley, Minn.
Helen May Hoye	St. Paul, Minn.
Wilbur James Humber	Minneapolis, Minn.
Alfred Arthur Jacobson	Aitkin, Minn.
Mary Yaeger Jarman	St. Paul, Minn.
Helen Astrid Johnson	Foreston, Minn.
Theodore Norton Johnson	St. Paul, Minn.
Helen Elizabeth Jones	Minneapolis, Minn.
Karl Justen Kay	Mexico, Mo.
Loretta Margaret Kienitz	St. Paul, Minn.
Inga Klaksvik	Underwood, Minn.
Erwin R. Koch	St. Paul, Minn.
L. George Koehler	St. Paul, Minn.
Margaret Helen Krause	Hutchinson, Minn.
Dorothy Adelaide Larsen	Clear Lake, Wis.
Viola Kathryn Laughlin	Grey Eagle, Minn.
Eleanor Ruth Leavitt	St. Paul, Minn.
Audrey Lucile Lidren	St. Paul, Minn.
Violet Esther Lilygren	St. Paul, Minn.
Evelyn Louise Lott	St. Paul, Minn.
Grace Fraser MacIntosh	Minneapolis, Minn.
Isabel Alice McKay	Park Rapids, Minn.
Mildred Isabelle McLean	St. Paul, Minn.
William Paul Mohr	Rapidan, Minn.
Leigh Mignon Nerhaugen	St. Paul, Minn.
Enid Lucille Newkirk	Deer River, Minn.
Richard Hamilton Nutt	Sidney, Mont.
Rolyda Emma Ella Olesen	Lamberton, Minn.
Philip Louis Orloski	St. Paul, Minn.
Aaron Eldon Palmquist	St. Paul, Minn.
Howard Willard Paulsen	Minneapolis, Minn.
Gladys Ruth Peik	Brownton, Minn.
Ada Catherine Peterson	Big Lake, Minn.
Raymond Conrad Peterson	St. Paul, Minn.
Robert Harold Peterson	Crookston, Minn.
Harry Darby Pettersen	Sisseton, S. D.

Vernon Carl Lynden Petterson.....	St. Paul, Minn.
Hayes Alexander Redmond.....	St. Paul, Minn.
Stanley Griffith Roberts.....	Mankato, Minn.
Walter Henry Sandstrom.....	St. Paul, Minn.
Harriet May Schaffner.....	St. Paul, Minn.
Eleanor Caroline Schmid.....	St. Paul, Minn.
Frances Lorraine Schoettler.....	St. Paul, Minn.
Dorothy Alberta Schroeder.....	Morton, Minn.
Maxine Lewis Schroer.....	Minneapolis, Minn.
Russell Erwin Simmons.....	St. Paul, Minn.
Henry Edwin Simpson.....	Chatfield, Minn.
Wilbert Gustav Sindt.....	Pipestone, Minn.
Ruth Henrietta Stoughton.....	Hudson, Wis.
Dorothy Vienna Strunk.....	Northfield, Minn.
Jerome Walter Sullivan.....	Mankato, Minn.
Casper John Tietema.....	Sheldon, Iowa
Robert William Hewitt Tricker.....	St. Paul, Minn.
Walter Albion Tyler.....	Mound, Minn.
Marie Liberty Wasson.....	Coleraine, Minn.
Ruth Pauline Weiser.....	St. Paul, Minn.
Earl Howard Wood.....	Mankato, Minn.
Leone Mae Wright.....	St. Paul, Minn.

Sophomore Class

Carol Hope Abbott.....	Minneapolis, Minn.
Robert Louis Ackerberg.....	St. Paul, Minn.
Evelyn Addy.....	Minneapolis, Minn.
Marvin Wilford Adler.....	Minneapolis, Minn.
Karl Ernst Albrecht.....	St. Paul, Minn.
Emil Dana Almquist.....	Madelia, Minn.
Victor Herman Andersen.....	Minneapolis, Minn.
Donald Robert Anderson.....	Maple Plain, Minn.
Kathryn Jewel Arthur.....	St. Paul, Minn.
Albert Irwin Balmer.....	Pipestone, Minn.
Eileen Rae Barstow.....	Sandstone, Minn.
Reinhold Kirk Batzer.....	Virginia, Minn.
Robert Fletcher Berquist.....	Mankato, Minn.
Euniece Maurine Berryman.....	Jackson, Minn.
Martha Born.....	Richardton, N. D.
Alfred Thomas Bowler.....	Austin, Minn.
Neil Douglas Campbell.....	Mankato, Minn.
Catherine Mary Carey.....	Hayfield, Minn.
Catherine Rose Chambers.....	Owatonna, Minn.
Olive Marie Christensen.....	St. Paul, Minn.
Merl Lee Coburn.....	Fulda, Minn.
Robert Phil Crawford.....	St. Paul, Minn.
Isabel Kathryn Critchfield.....	St. Paul, Minn.
Ann Yvonne Cussons.....	Webster, S. D.
Grace Mae Dahlquist.....	St. Paul, Minn.
Katherine Grace Dames.....	St. Paul, Minn.

Margaret LeRoy Day	St. Paul, Minn.
Mary Nancy Dike	Grafton, N. D.
Donald Perry Dix	St. Paul, Minn.
Waldron Wallace Douglas	Minneapolis, Minn.
Alan Bayliss Eaker	Marshall, Minn.
Dudley Arnold Edblom	St. Paul, Minn.
Charles Theodore Eginton	St. Paul, Minn.
Dorothy May Eklund	St. Paul, Minn.
Walter Jacob Engler	Faribault, Minn.
Carl Morriss Erdman, Jr.	St. Paul, Minn.
Wilbur McAllister Fisk	South St. Paul, Minn.
Clifford Payo Froehlich	Minneapolis, Minn.
Roy Vernon Giles	Holland, Minn.
Ruth Elizabeth Goetzinger	Elbow Lake, Minn.
Jeanette Louise Grant	Wishek, N. D.
Edith Caroline Hallett	St. Paul, Minn.
Ethel Evangeline Hansen	Balsam Lake, Wis.
Margaret Alice Hanson	Ironwood, Mich.
Hugo Wallace Heimdahl	Willmar, Minn.
William Theobald Helmes	St. Paul, Minn.
Edith Belle Hesser	St. Paul, Minn.
Andrew Walter Hobart	St. Louis Park, Minn.
Harvey Scott Holt, Jr.	Slayton, Minn.
Mary Edith Hughes	St. Paul, Minn.
Ellery Meredith James	Lake Crystal, Minn.
Laura Marie Jeffrey	St. Paul, Minn.
Marian Margaret Jenkins	St. Paul, Minn.
Elaine Marsella Johnson	Minneapolis, Minn.
John Harold Johnson	St. Paul, Minn.
Edna Louise Jorgensen	Jackson, Minn.
Dorothy Jean Kane	St. Paul, Minn.
Betty Klawon	St. Paul, Minn.
Shirley Dorothy Koelz	Cottonwood, Minn.
Jane Moncure Kranz	St. Paul, Minn.
Evelyn Charlotte Krinke	Lamberton, Minn.
Frederick George Kuck	St. Paul, Minn.
Norman Elwin Lefebvre	St. Paul, Minn.
Donald Judson Lobdell	Minneapolis, Minn.
Lorraine Elizabeth Lovatt	St. Paul, Minn.
Helen Margaret McCrary	St. Paul, Minn.
John Thomas MacKnight	St. Paul, Minn.
Elizabeth Mariner	Crookston, Minn.
William Henry Meierding	New Ulm, Minn.
Emma Florence Mickelsen	Minneapolis, Minn.
Herman William Mielke	St. Paul, Minn.
Margaret Corinne Mucke	Fergus Falls, Minn.
Donald Raymond Navratil	Silver Lake, Minn.
Eugene Nesom	St. Paul, Minn.
Irwin Wickman Nessel	Rush City, Minn.
Arlyn Dale Paschke	Winnebago, Minn.
Stuart Alexander Patterson	Brainerd, Minn.

Vernon Alexander Pendleton, Jr.	Minneapolis, Minn.
Dorothy Caroline Penson	St. Paul, Minn.
Bernadine Carita Peterson	St. Paul, Minn.
Earl Milton Peterson	Emmetsburg, Iowa
Homer Alton Peterson	St. Paul, Minn.
Katherine Wyand Peterson	Litchfield, Minn.
Lloyd Allan Peterson	Benson, Minn.
Walter Robert Petry	St. Paul, Minn.
Benjamin Francis Richason	St. Paul, Minn.
Mavis Charlotte Royhl	Minneapolis, Minn.
Helen Irene Sharp	Minot, N. D.
George Sinding	St. Paul, Minn.
Richard Ellsworth Smith	St. Paul, Minn.
Robert Moe Sole	Pipestone, Minn.
Roy Ingebrikt Solum	St. Paul, Minn.
James A. Stevens	White Bear Lake, Minn.
Mary Elizabeth Strebel	Sauk Centre, Minn.
Lambert Findlay Sutherland	Minneapolis, Minn.
Greta Mae Sutton	Huntley, Minn.
Melvin Warren Townsend	Fergus Falls, Minn.
George Alfred Underwood	St. Cloud, Minn.
Helen Marguerite Vick	St. Paul, Minn.
Joseph Jacob Waldner	St. Paul, Minn.
Georgette Marie Wein	St. Paul, Minn.
Dorothy Augusta Wick	Jackson, Minn.
Henry Oetjen Wiedenheft	Good Thunder, Minn.
Harold Franklin Wierwill	LeSueur, Minn.
Martha Elizabeth Wilson	Mankato, Minn.
Verna Emma Wilson	Minneapolis, Minn.
John MacFarlane Wooley	St. Paul, Minn.
Winifred Marie Ethel Zastrow	Hinsdale, Ill.

Freshman Class

Helen Marie Adams	St. Paul, Minn.
Jean Ambrose	St. Paul, Minn.
Doris Lucille Anderson	Stanley, N. D.
Mathew Genthe Anderson	Minneapolis, Minn.
Willard Holmes Anderson	Windom, Minn.
Eugene Artig Andrews	Lindstrom, Minn.
Mary Jane Atcheson	St. Paul, Minn.
John Richard Barkell	Duluth, Minn.
Dorsey Ellen Barnes	Jackson, Minn.
Mary Elizabeth Barrows	Herman, Minn.
Alice Drake Behling	St. Paul, Minn.
Donald Harry Beihoffer	Buffalo Lake, Minn.
Warren Charles Bellinger	St. Paul, Minn.
Lois Joy Benjamin	Northfield, Minn.
Frank James Bigham	St. Paul, Minn.
Harry Ellsworth Boehmer	Wausau, Wis.
Dan Alyn Bowler	Minneapolis, Minn.

Lowell Edward Brand	St. Paul, Minn.
Roger William Briar	St. Paul, Minn.
Martha Virginia Broom	Minneapolis, Minn.
Stuart Alexander Brown	Windom, Minn.
Willard Lloyd Burgess	South St. Paul, Minn.
Eugene Hall Burr	St. Paul, Minn.
Kathryn Elizabeth Bush	Minneapolis, Minn.
Mary Elizabeth Caldwell	St. Paul, Minn.
Mary Elizabeth Calhoun	Albert Lea, Minn.
Irvin Walder Carlson	St. Paul, Minn.
Thomas Maxwell Christison	Minneapolis, Minn.
Beryl Devine Clapp	St. Paul, Minn.
Katherine Louise Colson	Wadena, Minn.
Mary June Cooper	Minneapolis, Minn.
John Clarence Courtney	St. Paul, Minn.
Henry John Crepeau, Jr.	St. Paul, Minn.
Robert Arthur Crepeau	St. Paul, Minn.
Phyllis Virginia Cross	Blackduck, Minn.
Jack Melford Dahl	Albert Lea, Minn.
Richard Melvin Day	Minneapolis, Minn.
Joe Roland Deanovic	Kinney, Minn.
Elizabeth Drake	Minneapolis, Minn.
Donald Shugart Dreher	Owatonna, Minn.
Archie Duncan	St. Paul, Minn.
Orel Rudolph Ellies	Brownton, Minn.
Maxine Wilhelmina Enger	Ada, Minn.
Margaret Victoria Ferre	Springfield, Mass.
Joyce Lorraine Fieck	Stewartville, Minn.
George William Flad	St. Paul, Minn.
Elizabeth Lou Fleming	St. Paul, Minn.
Ella Sue Franz	Mountain Lake, Minn.
Thelma Alleyene Geiger	Shakopee, Minn.
Violet Irene Gilbert	St. Paul, Minn.
John Winfield Gordhamer	Willmar, Minn.
Vernes Frank Grafstrom	North Branch, Minn.
Clarice Marie Gramith	Waconia, Minn.
William Waters Griffin	St. Paul, Minn.
Howard Edwin Gustafson	St. Paul, Minn.
John Edmund Gustafson	Minneapolis, Minn.
Kathryn Estella Haffie	Chetek, Wis.
Kenneth Henry Hall	Red Wing, Minn.
Richard James Halvorson	St. Paul, Minn.
Edwin Friedman Harris	St. Paul, Minn.
Herbert Marsden Haskell	Los Angeles, Calif.
Bernice Lillian Hayek	Albert Lea, Minn.
Ellen Dorothy Heine	Wheaton, Minn.
Harrison Hemenway	Minneapolis, Minn.
Adelaide Caroline Hill	St. Paul, Minn.
David Franke Hobart	St. Louis Park, Minn.
Miriam Gove Hobart	St. Louis Park, Minn.
Juanita Gertrude Hormel	Austin, Minn.

Leary Monroe Howell	Willmar, Minn.
Robert George Hoye	St. Paul, Minn.
Valera Regina Hubmer	St. Clair, Minn.
John Fredolf Hultgren	Spicer, Minn.
Evelyn Ilene Humber	Minneapolis, Minn.
Kenneth Alvin Hutton	Preston, Minn.
Joseph Roy Jack	St. Paul, Minn.
Wilbur Alfred Jackson	St. Paul, Minn.
Albert Julius Jahnke	St. Paul, Minn.
Claire Meredith James	Madelia, Minn.
Doris Carolyn Jensen	Sleepy Eye, Minn.
Harold Edison Jensen	St. Paul, Minn.
Ada Miriam Johnson	St. Paul, Minn.
Helen Katherine Marie Johnson	St. Paul, Minn.
Vilhelm Manual Johnson	Dawson, Minn.
Lucile Margaret Jones	St. Cloud, Minn.
Roland Karl Kees	St. Paul, Minn.
Helen Eugenia Kelts	Aitkin, Minn.
Beth Ella Kinsman	Billings, Mont.
Douglas John Kise	Redwood Falls, Minn.
Peter John Klas	Wabasha, Minn.
Madelene Julia Ann Knaack	McGregor, Minn.
Clarence Herman Kroning	St. Charles, Minn.
Kae Isabel Larkin	White Bear Lake, Minn.
Robert James Larsen	St. Paul, Minn.
Harold Roy Lawler	Gordon, Wis.
Leighton Simon Long	Luverne, Minn.
Frederick H. Lott	St. Paul, Minn.
Eunice Louise Lundblad	St. Paul, Minn.
Jessie Marguerite Lundquist	St. Paul, Minn.
Marian Alice McGee	St. Paul, Minn.
Donald Robinson MacKay	Minneapolis, Minn.
Finlay McMartin	Claremont, Minn.
Harriette Jane MacMullan	Minneapolis, Minn.
Lloyd Arthur Magnuson	St. Paul, Minn.
Sherwood Albert Magnuson	Minneapolis, Minn.
William Herbert Mahle	St. Paul, Minn.
Gordon Maxwell Malen	St. Paul, Minn.
Marie Adalin Mathews	White Bear Lake, Minn.
Albert Donald Mattson	St. Paul, Minn.
Helen Elizabeth Mecklenburg	Worthington, Minn.
Henry Ernst Mickelsen	Minneapolis, Minn.
Gayle May Miller	Groton, S. D.
Frank Joseph Milnar	St. Paul, Minn.
Melissa Whitney Mitchell	Bemidji, Minn.
Ralph Emil Moe	Minneapolis, Minn.
Thomas Michael Monahan	Minneapolis, Minn.
Paul William Moore	Minneapolis, Minn.
Walter Marshall Morgan	Baldwin, Wis.
Ian Alastair Buchanan Morton	St. Paul, Minn.
Robert Alexander Murray	Parkers Prairie, Minn.

Velma Clara Nafus.....	Ignatius, Mont.
Willis Irwin Nonnweiler.....	Minneapolis, Minn.
Gladys Dorothy Nuwash.....	Silver Lake, Minn.
Annette May Oberg.....	Willmar, Minn.
Vella Elizabeth Officer.....	Ryder, N. D.
Harold Algot Ohlgren.....	Cokato, Minn.
William Edmund Olsen.....	St. Paul, Minn.
Audrey Grace Peck.....	Minneapolis, Minn.
Allan John Penney.....	Willmar, Minn.
Harriet Ann Peterson.....	Litchfield, Minn.
Lucille Grace Peterson.....	St. Paul, Minn.
Marvin Charles Peterson.....	St. Paul, Minn.
Robert Wilhelm Peterson.....	St. Paul, Minn.
Louise Elnor Pribyl.....	St. Paul, Minn.
Jean Boal Reynolds.....	Minneapolis, Minn.
Richard David Reynolds.....	Minneapolis, Minn.
Ralph McClellan Richards.....	Minneapolis, Minn.
Hoyt Allen Ross.....	St. Paul, Minn.
Harry Frank Rund.....	South St. Paul, Minn.
William Clinton Rutherford.....	Stillwater, Minn.
George Edward Sausen.....	Center City, Minn.
Ruth Evelyn Schroeder.....	St. Paul, Minn.
Lola Eda Schuelter.....	St. Paul, Minn.
Eleanor Emily Schuldt.....	St. Paul, Minn.
Ervin Harold Schulz.....	St. Paul, Minn.
Marion Ella Schulz.....	White Bear Lake, Minn.
Elizabeth Schulze.....	St. Paul, Minn.
Peter Segal.....	St. Paul, Minn.
Earl Sheggrud.....	Albert Lea, Minn.
Catherine Lucretia Shuman.....	El Paso, Ill.
Gladys Maie Simmons.....	St. Paul, Minn.
Dorothy Hazel Smith.....	St. Paul, Minn.
Harold Milo Smith.....	Alexandria, Minn.
Jean Colvin Smith.....	Plainview, Minn.
William Thomas Smith.....	Hibbing, Minn.
Antoinette Marguerite Stalley.....	St. Paul, Minn.
Ruth Margaret Stevenson.....	White Bear Lake, Minn.
Homer Stewart.....	South St. Paul, Minn.
John Darby Struck.....	Fairmont, Minn.
Karl Emory Swanson.....	Dassel, Minn.
Margaret Sally Swanson.....	Minneapolis, Minn.
Kathryn Clara Tarbox.....	Anoka, Minn.
Mary Isabelle Taylor.....	McIntosh, S. D.
Arthur Koeppen Thomas.....	St. Paul, Minn.
Irene Lila Thompson.....	Hewitt, Minn.
Helen Roberta Thornburg.....	Lakefield, Minn.
Ethel Louise Townsend.....	Minneapolis, Minn.
Margaret Elizabeth Travis.....	St. Paul, Minn.
Beatrice Bailey Belle Vassar.....	St. Paul, Minn.
Elaine Helen Wakefield.....	Willmar, Minn.
James Johnson Wallace.....	St. Paul, Minn.

Marvel Ovedia Wagensteen	St. Paul, Minn.
Milton Koerner Warkentien	St. Paul, Minn.
Willis Carl Adolph Warkentien	St. Paul, Minn.
Violette Florida Weagant	Dover, Minn.
Donald Robert Wedge	Albert Lea, Minn.
Jacques W. Wesson	Alexandria, Minn.
Charles Howard Westman	Alexandria, Minn.
Harlan Axel Westrell	Odin, Minn.
Anne Carolyn Wilkins	Minneapolis, Minn.
Loyd Wicklow Wilson	Minneapolis, Minn.
Garfield Nelson Winters	Minneapolis, Minn.
William Roseworn Wivell	Kinney, Minn.
Robert H. Wood	Minneapolis, Minn.
Harriet Elizabeth Wookey	Minneapolis, Minn.
Margaret Louise Young	Austin, Minn.
Walter Harold Ziegler	St. Paul, Minn.
Elmer Howard Zoff	St. Paul, Minn.

Special Students

Burette Fisk Foss	South St. Paul, Minn.
Florence M. Ide	St. Paul, Minn.
Adeline Koch Janes	St. Paul, Minn.
Carl Johanson	Minneapolis, Minn.
Herbert McQuillan	St. Paul, Minn.
Dennie Darwin Peterson	Big Lake, Minn.
Marian Elizabeth Thompson	Fort Dodge, Iowa

INDEX

	PAGE
Administrative Staff	3
Admission	28
Advanced Standing	30
Advisers	35
Aeolian Chorus	21
Astronomy	65
Athletics	82
Bequest, Form of	12
Bible	73
Biology	36
Botany	39
Buildings and Equipment	12
Calendar	2
Chemistry	39
Classification	33
Committees, Faculty	10
Trustees	5
Conservatory of Music	86
Courses of Study	36, 88
Credit	30
Debate and Oratory	21
Degrees	16, 30, 87, 96
Departments	36
Dormitories	13
Drawing, Mechanical	64
Economics	42
Education	45
English	48
Entrance Requirements	28
Examinations	15
Expenses	24, 94
Expression	52
Faculty, College	6
Conservatory of Music	86
Forensics	21
Foundations	19
French	54
General Information	11
Geology	56

	PAGE
German.....	57
Glee Club.....	21
Graduation.....	30, 87
Greek.....	59
Health Service.....	23
Historical Sketch.....	11
History.....	60
Latin.....	62
Law, Preparation for.....	34
Library.....	14
Privileges.....	14
Literary Societies.....	20
Loan Funds.....	18
Location.....	12
M Club, The.....	21
Majors.....	32
Mathematics.....	64
Mechanics.....	64, 70
Medicine, Preparation for.....	34
Ministry, Preparation for.....	35
Minors.....	32
Music.....	65
Conservatory of.....	86
Philosophy.....	67
Physical Education.....	82, 84
Physics.....	69
Pi Phi Epsilon Society.....	22
Political Science.....	42
Presidents.....	12
Prizes.....	16
Psychology.....	71
Publications.....	23
Quill Club.....	20
Registration.....	14
Religion.....	73
Religious Life.....	22
Reports.....	15
Requirements for Graduation.....	30
Rooms and Board.....	25
Scholarships.....	16

	PAGE
Self Support	27
Shaw Field	13
Sigma Delta Psi	21
Social Work	35, 80
Sociology	77
Spanish	80
Student Activities	20
Students, Roll of	98
Teachers' Bureau	23
Teaching, Preparation for	35, 45
Trustees, Board of	4
Committees	5
Tuition	24, 94
Y. M. C. A.	20
Y. W. C. A.	20
Zoology	36

