

Registrar's Copy

TRANSCRIPT COPY

Macalester College Bulletin

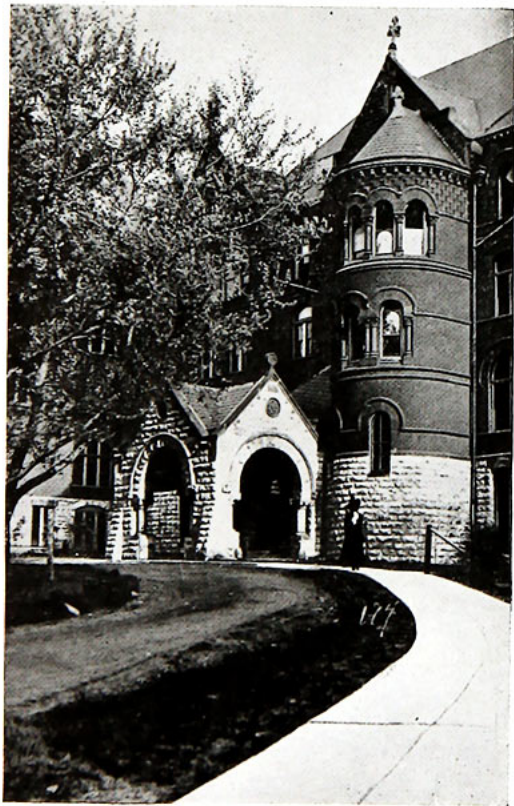
Catalog Number
April, 1916

Volume IV

Number 3



CIRCULATING COPY



ENTRANCE TO MAIN BUILDING

Catalog

Macalester College



1915 - 1916

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.

Issued Quarterly in October, January, April and June.

College Calendar

1916-1917

1916

- June 9. Friday, 8:15 p. m., Recital, Conservatory of Music.
June 10. Saturday, 8:15 p. m., Senior Class Play.
June 11. Sunday, 10:30 a. m., Baccalaureate Sermon.
June 12. Monday, 8:15 p. m., Senior Class Play.
June 13. Tuesday, 10:00 a. m., Class Day Exercises.
June 13. Tuesday, 1:30 p. m., Annual Meeting of Board of Trustees
June 13. Tuesday, 7:00 p. m., Alumni Banquet.
June 14. Wednesday, 10:00 a. m., Twenty-seventh Annual Commencement.
June 14. Wednesday, 8:00 p. m., President's Reception.
Sept. 11-13. Monday-Wednesday, Registration Days.
Sept. 13. Wednesday, 10:30 a. m., First Semester begins.
Nov. 30-Dec. 2. Thursday-Saturday, Thanksgiving Recess.
Dec. 20. Wednesday, 4:20 p. m., Christmas Vacation begins.

1917

- Jan. 4. Thursday, 8:00 a. m., Christmas Vacation ends.
Jan. 29-Feb. 3. Monday-Saturday, Registration Days.
Feb. 3. Saturday, First Semester ends.
Feb. 6. Tuesday, Second Semester begins.
Feb. 12. Monday, Lincoln's Birthday.
Feb. 22. Thursday, Washington's Birthday.
April 4. Wednesday, 4:20 p. m., Spring Vacation begins.
April 12. Thursday, 8:00 a. m., Spring Vacation ends.
May 30. Wednesday, Memorial Day.
June 13. Wednesday, Second Semester ends.

Administrative Officers

Address correspondence as follows:

T. MOREY HODGMAN, President of College.
Catalog, Information, Complaints, General Business.
Address all correspondence during summer vacation.

GLENN CLARK, Dean.
Curriculum, Student Activities and College Policies.

JOHN P. HALL, Registrar.
Grades, Credits, Entrance Requirements.

HARRY PHILLIPS, Director Conservatory of Music.
Catalog, Tuition, Entrance.

BISHOP H. SCHRIBER, Secretary and Attorney.
Records, Taxes, Litigation, Release of Mortgage.
Pioneer Building, St. Paul.

CHAS. E. MacKEAN, Treasurer.
Endicott Building, St. Paul.

RUFUS C. JEFFERSON, Chairman Finance Committee.
Endowment Investments.
Merchants National Bank Building, St. Paul.

JOHN T. HENDERSON, Field Secretary.

Board of Trustees

Officers of the Board

THOMAS SHAW	President
R. C. JEFFERSON	First Vice-President
G. D. DAYTON	Second Vice-President
B. H. SCHRIBER	Secretary
C. E. MACKEAN	Treasurer
RICHARD E. STOWER	Cashier and Accountant

Trustees

TERMS EXPIRE JUNE, 1916

B. H. SCHRIBER	St. Paul
R. C. JEFFERSON	St. Paul
GEORGE W. WISHARD	Minneapolis
GEORGE D. DAYTON	Minneapolis
.....	

TERMS EXPIRE JUNE, 1917

THOMAS SHAW	St. Paul
A. D. THOMPSON	Duluth
THOMAS B. JANNEY	Minneapolis
.....	
JOHN S. McLAIN	Minneapolis

TERMS EXPIRE JUNE, 1918

REV. H. C. SWEARINGEN, D. D.	St. Paul
E. B. KIRK	St. Paul
REV. JOHN E. BUSHNELL, D. D.	Minneapolis
WATSON P. DAVIDSON	St. Paul
P. L. HOWE	Minneapolis

T. MOREY HODGMAN, ex-officio.....St. Paul

Committees of the Board

Executive Committee

THOMAS SHAW, Chairman	E. B. KIRK
B. H. SCHRIEBER, Secretary	R. C. JEFFERSON
T. B. JANNEY	H. C. SWEARINGEN
T. M. HODGMAN	

Committee on Endowment

T. M. HODGMAN	H. C. SWEARINGEN
GEORGE D. DAYTON	THOMAS SHAW
R. C. JEFFERSON	G. W. WISHARD

Committee on Instruction

T. M. HODGMAN, ex-officio	JOHN E. BUSHNELL
H. C. SWEARINGEN	G. W. WISHARD
J. S. McLAIN	

Committee on Property

R. C. JEFFERSON	T. M. HODGMAN	B. H. SCHRIEBER
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R. C. JEFFERSON	T. B. JANNEY
T. M. HODGMAN	B. H. SCHRIEBER

Committee on Commencement

H. C. SWEARINGEN	B. H. SCHRIEBER	T. M. HODGMAN
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Budget Committee

P. L. HOWE	W. P. DAVIDSON
R. C. JEFFERSON	T. M. HODGMAN

College Faculty

THOMAS MOREY HODGMAN, A. M., LL. D., President,
Residence, 476 Ashland Avenue. N. W. Dale 2450.

JAMES WALLACE, Ph. D.,
Professor of Bible. Head Professor of Bible Training
Department.

On the Frederick Weyerhaeuser Foundation.
Residence, 1641 Laurel Avenue. N. W. Midway 2178.

ANDREW WORK ANDERSON, A. M.,
Professor of Philosophy and Education.

On the O. A. Robertson Foundation.
Residence, 1658 Lincoln Avenue.

DAVID NEWTON KINGERY, A. M.,
Professor of Mathematics and Astronomy.
Faculty Director of Athletics.

Residence, 135 Amherst Street. N. W. Midway 4183

JULIA MacFARLANE JOHNSON, A. M.,
Dean of Women.
Professor of English Literature and Old English.
Residence, Wallace Hall. N. W. Midway 535.

HENRY DANIEL FUNK, A. M.,
Professor of History.
Residence, 195 Macalester Avenue. N. W. Midway 2129.

RICHARD URIAH JONES, A. B.,*
Professor of Chemistry.
Residence, 1257 Lincoln Avenue. N. W. Midway 940.

*Absent on leave 1915-1916

HUGH STUART ALEXANDER, A. M.,
Professor of Physics and Geology.
Residence, 1596 Summit Avenue. N. W. Midway 1080.

JOHN PORTER HALL, A. B., Registrar,
Professor of Greek.
Residence, 1668 Princeton Avenue. N. W. Midway 3735.

GEORGE WILLIAM DAVIS, Ph. D., D. D.,
Professor of Social and Political Science. College Chaplain.
Residence, 2268 Blake Avenue. N. W. Midway 1152.

GLENN CLARK, A. M., Dean,
Professor of English.
Residence, 1787 Goodrich Avenue. N. W. Midway 1620.

WILLIAM WALTER CORT, Ph. D.,
Professor of Biology.
Residence, 1728 Hague Avenue. N. W. Midway 4518.

FREDERICK JAMES MENGER, A. M.,
Head of the Department of Modern Languages,
Professor of German.
Residence, 1346 Grand Avenue. N. W. Midway 4301.

FREDERIC GIBBS AXTELL, A. M.,
Librarian. Associate Professor of Bibliography.
Residence, 1270 Lincoln Avenue. N. W. Midway 1366.

HAROLD OMER BURGESS, A. M.,
Associate Professor of Latin Language and Literature.
Residence, 1745 Lincoln Avenue. N. W. Midway 2512.

ELIZABETH FITZPATRICK STARR, A. M.,
Associate Professor of Chemistry.
In charge of Dept., 1915-1916.
Residence Excelsior. N. W. Excelsior 126 W.

GRACE BEE WHITRIDGE,
Adjunct Professor of Dramatic Art and English. Physical Director
for Women.
Residence, 654 Hague Avenue. N. W. Dale 301.

FARQUHAR DAVID McRAE, Ph. D., D. D.,
Adjunct Professor of Apologetics and History. Student Pastor.
Residence, 41 Macalester Avenue. N. W. Midway 537.

DONALD LITTLEJOHN HALVERSON, A. B.,
Instructor in Romance Languages.
Residence, 117 Cambridge Avenue. N. W. Midway 1793.

ESTHER ALLISON TIFFANY, A. B.,
Instructor in English.
Residence, 890 Goodrich Avenue. N. W. Dale 3397.

GERTRUDE CRIST,
Instructor in Bookkeeping and Accountancy
Secretary to Faculty, President and Registrar.
Residence, 1230 Dayton Avenue. N. W. Midway 658.

FORREST C. SMITHSON,
Director of Athletics.
Residence, 1404 Ashland Avenue. N. W. Midway 5749.

EDITH EDNA GOLDSWORTHY, A. B.,
Fellow in Biology.
Residence, 406 Eleventh Avenue S. E., Minneapolis. N. W. East
4598

JENNIE STANLEY HODGMAN,
Lecturer in History of Fine Arts.

Student Tutors

JOHN T. MCCALLUM
DAVID N. LING

ETHEL McCLURE
SADIE PORTER

Student Laboratory Assistants and Readers

JESSE HALES
ROHLAND A. ISKER
CARLTON RALPH
RAYMOND LONDON
WILLIAM LAGAS

J. LYMAN SHEEAN
MARGARET DOWNING
WALLACE GIBSON
PAUL WILLIAMS
EVELYN RUMBLE

Assistant in Shop

LAURON H. LOVELACE

Social

GRACE B. WHITRIDGE H. S. ALEXANDER JULIA M. JOHNSON
D. L. HALVERSON

Literary Societies

JULIA M. JOHNSON G. W. DAVIS ESTHER TIFFANY

Honor Scholarship Society

A. W. ANDERSON D. N. KINGERY J. P. HALL

Schedule

A. W. ANDERSON J. P. HALL

Teachers and Schools

H. O. BURGESS A. W. ANDERSON H. S. ALEXANDER
D. N. KINGERY

Advisers

A. W. ANDERSON JAMES WALLACE H. S. ALEXANDER
H. D. FUNK H. O. BURGESS GLENN CLARK W. W. CORT

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GORDON BROWNLEE.....Senior Representative
JESSIE McCLURE.....Senior Representative
W. L. WALKER.....Senior Representative
C. E. RALPH.....Junior Representative
A. J. ROBERTSON.....Junior Representative
WALTER LIENKE.....Sophomore Representative
JOHN CECIL.....Freshman Representative

Chapel Monitors

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ISABELLE HOWARD W. L. WALKER CHARLES GERLINGER
DAVID LING EFFIE ADAMS WALLACE GIBSON
JESSIE McCLURE LAJLA DALE E. G. NORSTROM

Other Officials

ALICE M. CLOUGH.....Housekeeper of Wallace Hall
W. L. WALKER.....Steward of Edwards Hall
T. E. WADDELOW.....Steward of Euthenian Club
SAMUEL M. COOKMAN.....Head Engineer
OLAF CHRISTIANSON.....Assistant Engineer Wallace Hall
PATRICK LANG.....Assistant Engineer Main Building
L. G. WEIR.....Head Janitor

College Representation

Year ending March 1, 1916.

St. Olaf College, Northfield, Minn. Student Volunteer Convention, March 19, 1915. Dr. James Wallace.

College Section on Athletics, Minneapolis, Minn., March, 1915. President T. M. Hodgman, Professors D. N. Kingery, W. W. Cort, G. Clark and J. P. Hall.

Washington and Jefferson College, Washington, Pa. Inauguration of Dr. F. W. Hinitt as President, June 15, 1915. Rev. F. D. Scott.

College Evangelistic Leaders, Chicago, Ill., October, 1915. Dr. J. T. Henderson.

Lafayette College, Easton, Pa. Inauguration of Dr. J. H. McCracken as President, October 20, 1915. Rev. W. P. Lee, D. D. '89

Young Men's Christian Association College, Chicago, Ill. Dedication of College Building, November 28, 1915. Rev. J. M. Davies, '03.

Association of American Colleges, Chicago, Ill., January 20, 1916. President T. M. Hodgman.

Presbyterian College Union, Chicago, Ill., January 19, 1916. President T. M. Hodgman.

1915 **College Addresses**

- March 1. Dr. J. C. Robinson of McCormick Seminary, Chicago. "Modern Conditions in Palestine and Turkey."
- March 5. Rev. Mr. Costabel of Milan, Italy. "The Waldensian Church, Mother of Protestantism."
- March 16. Miss Richardson of Extension Department of Y. W. C. A. "Life and Life Work."
- March 23. Rev. J. O. Buswell of Stewart Memorial Church, Minneapolis. "My Father's House."
- March 24. Dr. C. A. Barker of Washington, D. C. "The First of the Fine Arts, or How to Be Happy."
- April 27. Peter McFarlane, Superintendent of Union Gospel Mission, St. Paul. "The Value of the Bible as a Book."
- April 29. Rev. Robert Brown, Moderator of Synod of Minnesota.
- May 4. Mrs. J. O. Buswell, Minneapolis. "Sacrifice."
- May 5. Miss Haggard, Secretary of the Student Volunteer Association. "The Needs of the Foreign Field."
- May 10. Dr. W. H. Landon of San Francisco Theological Seminary.
- June 6. Baccalaureate Sermon. Dr. F. S. Stein of Lincoln, Neb.
- June 9. Commencement Address, President A. Ross Hill of University of Missouri.
- Sept. 15. Opening Address, "College Policies." President T. Morey Hodgman.
- Sept. 16. Thirtieth Anniversary Exercises. Addresses by Prof. H. D. Funk and Dr. M. D. Edwards of the Dayton Ave. Presbyterian Church.
- Sept. 28. Rev. M. M. Miller of Olivet Congregational Church, St. Paul. "Foundations."
- Oct. 5. Rev. J. O. Buswell.
- Oct. 6. Dr. T. H. Clelland of Minneapolis. "The Need of the Hour."
- Oct. 11. William Brewster, Field Secretary of National Security League. "Preparedness."
- Oct. 12. Rev. E. A. McAlpin, President of College Board of Presbyterian Church. "First Things."
- Oct. 13. Dr. H. N. Wilson of Central Presbyterian Church, St. Paul. "A Point of Honor."
- Oct. 18. Rev. Murdock McLeod of Grace Presbyterian Church, Minneapolis. "Preparedness."
- Oct. 25. Rev. J. G. K. McClure of McCormick Theological Seminary, Chicago. "Five Stones."

- Oct. 26. Mrs. F. D. McRae of St. Paul. "Story of Ramabai."
Nov. 1. Rev. Paul Rader of Moody Institute, Chicago. "With God's Help."
Nov. 3. Dr. Gerrit Verkuyl, Superintendent of Sunday School Work in Wisconsin and Minnesota. "Teaching."
Nov. 4. Mr. Eddy, National Commissioner of Boy Scouts of America. "The Boy Nature."
Nov. 5. President T. M. Hodgman. "Wilson's Militarism."
Nov. 9. Dr. H. G. Beeman of First Baptist Church, St. Paul. "Handicaps."
Nov. 10. Miss Berner, National Secretary of the Y. W. C. A. "The Greatest Commandment."
Nov. 16. Rev. J. O. Buswell. "The Day of Manifest Power."
Nov. 19. John Sornberger, the Sky Pilot of Northern Minnesota.
Nov. 26. President T. M. Hodgman. "Life and Work of Booker T. Washington."
Nov. 29. Rev. A. B. Marshall, President of Omaha Theological Seminary.
Nov. 30. Rev. Frank Throop of China. "The Broad View."
Dec. 9. Prof. H. D. Funk. "Scholarship and Life."
1916.
Jan. 6. Rev. H. B. McAfee, President Presbyterian Training School of Chicago. "The Need of Assistant Pastors."
Jan. 8. Evangelist Aldrich of New York. "Materialism."
Jan. 11. Mrs. Frank Throop of China. "Women of China."
Jan. 26. Rev. Frank Throop. "The Awakening of China."
Jan. 27. Dr. Kepler of China. "The Awakening of China."
Jan. 31. President W. H. Hannum of College of Montana. "Conditions in India."
Feb. 2. Dr. H. C. Swearingen of House of Hope Church, St. Paul. "The Practical Effects of Trusting God."
Feb. 17-20. Special meetings conducted by Rev. J. O. Buswell of Minneapolis.
March 12. Mrs. Angelini of Italy. "The Spirit of Italy."

General Information

Historical Sketch

Macalester College is the outgrowth of the Baldwin School of St. Paul, projected by Rev. Edward D. Neill, D. D., as far back as 1853; and of a similar institution opened in 1873 by the same gentleman in Minneapolis. In 1874 Charles Macalester, of Philadelphia, donated to this school the valuable property known as the Winslow House, near the Falls of St. Anthony, with the understanding that as soon as possible it should be developed into a college. In his honor the institution was named Macalester College. Until 1880 it was an undenominational school. In October of that year it was adopted by the Synod of the Presbyterian Church of Minnesota. In 1883 a syndicate of the trustees bought the present site and gave it to the Board of Trustees. The first building thereon was erected in 1884 and the college was opened September 15, 1885.

Rev. Dr. Neill, the founder of the college, born in Philadelphia in 1823, was graduated from Amherst in 1842. After completing his theological studies under Rev. Albert Barnes, he came West, and in 1849, commissioned by the presbytery of Galena, Illinois, came to St. Paul as a missionary to the whites. Thereafter until his death (except during the Civil War) he devoted his time about equally to the work of Christian minister and educator. He was the first territorial superintendent of public instruction and the first chancellor of the State University. He is the author of Neill's History of Minnesota, and also of valuable monographs on colonial history. He died September 26, 1893.

Next to Dr. Neill, in point of disinterested service for the college, stands Rev. Daniel Rice, D. D. Educated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney,

Hon. Eugene M. Wilson, Rev. Robert F. Sample, Henry J. Horn, Henry M. Knox, H. L. Moss, Governor Alexander Ramsey, Chas. T. Thompson, Robert P. Lewis, H. K. Taylor, Thomas Cochran and Major B. F. Wright. Later, the College found warm friends and supporters in Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. This list would not be complete without mention of the name of James Wallace, Ph. D., acting president 1894-1900 and president 1900-1906, whose faith and loyalty never faltered during the dark days following the panic of the early nineties. A number of the trustees were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York and Union. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they came. This was their ideal.

From the beginning Macalester College was burdened with debt, and altho, under the leadership of Dr. James Wallace and Rev. David C. Platter, financial secretary, this debt was considerably reduced, yet, on account of the hard times of the nineties, it had, by June, 1898, risen to \$180,000. Again, under Dr. Wallace's administration, with the energetic assistance of Robert A. Kirk, Thomas Shaw and Rufus C. Jefferson, the board was reorganized, the debt liquidated, and efforts for a permanent endowment begun. By February, 1907, pledges had been made amounting to about \$175,000.

Dr. James Wallace resigned the presidency June, 1906, and in January, 1907, Thomas Morey Hodgman, of the University of Nebraska, was elected president. On July 1, 1911, the trustees certified that a total of \$467,000 had been given; that of this total, \$307,000 was invested in endowment securities and \$160,000 in Wallace Hall and Carnegie Science Hall; that total assets were then \$670,000, and that Quail, Parker & Co., Certified Public Accountants, had audited the financial accounts and standardized the method of bookkeeping. The chief gifts were \$75,000 from the General Education Board, \$50,000 from Mr. Andrew Carnegie, \$50,000 from Mr. James J. Hill, \$50,000 from Mr. Frederick Weyerhaeuser, \$25,000 from Mr. O. A. Robertson and over \$75,000 from other Trustees. The debt of gratitude which church and college owe those who clung to the institution and who came to its help in the dark days—many of them are still members of the Board of

Trustees—is not yet fully appreciated and can never be repaid. The patience, devoted loyalty and heroic sacrifices wrested a great victory out of apparent defeat.

Macalester College celebrated its quarter centennial June, 1910, with impressive ceremonies. By direction of the Board of Trustees and at the expense of the college, a History of Macalester College was published by Professor Henry D. Funk.

Macalester College sets, for its ideal of efficiency, an endowment of \$1,000,000, a plant of \$500,000 and a maximum attendance of 500 college students. Its most pressing needs are a gymnasium for men, a central heating and power plant, a library building and a chapel.

The Trustees, on June 9, 1914, completed a second endowment campaign for \$250,000. Payments of pledges are now being made and must be completed by July 1, 1916. When these are all paid the college resources will total \$960,000.

The Preparatory Department of Macalester College was known as "Baldwin School." It was founded by Rev. E. D. Neill, in 1853, thirty-two years before the opening of the College, and named after Mr. M. M. Baldwin, of Philadelphia. This gentleman had contributed liberally toward the development of Christian education in the Northwest and contemplated the establishment of a university which should bear his name. A charter for such an institution was obtained in 1864, providing also that the preparatory department should be called "Baldwin Grammar School." Mr. Baldwin's untimely death made impossible the establishment of the proposed university. In 1874 the founder of "Baldwin School" obtained a bequest for a college from Mr. Charles Macalester. In appreciation of this gift the charter for "Baldwin University" was revised, the institution being named "Macalester College," and it was further provided "that the preparatory department of said Macalester College shall be known as the Baldwin School." From 1885 to 1890 the catalogs of the college omitted the legal title of "Baldwin School" in describing its courses, referring to it only as the "Preparatory Department." The founder of the School having directed the attention of the Board of Trustees to this omission, the Board ordered that in subsequent catalogs the academy be designated as "Baldwin School." This request was observed during the next four years. Then the description of the preparatory department appears under the caption:—"Macalester Classical Academy." As this name had been adopted without any change in the charter

legalizing it the Board of Trustees in 1910 again directed the restoration of the original and charter name of the academy, "Baldwin School."

In accordance with the plan, adopted by the Board of Trustees, of Macalester College, at the annual meeting in June, 1913, to discontinue the activities of a preparatory department, Baldwin School goes out of existence at the close of this year. For next year, however, a few sub-freshmen classes may be necessary.

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.

PROF. JAMES WALLACE, Ph. D.,

Acting President, 1894-1900; President 1900-1906.

PROF. THOMAS MOREY HODGMAN, M. A., LL. D., February, 1907—.

Form of Bequest

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

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

Location

Macalester College is located in Macalester Park, St. Paul, a beautiful suburb in the so-called Midway district. The location is favorable for study, for the development of a pure and wholesome college life, and for careful supervision of the conduct of students. Easy access to the Twin Cities is afforded by the Grand Avenue and Snelling Avenue electric lines—the latter of which connects with all four interurban lines. This combination of college and city life is a unique advantage to Macalester students. The cultural opportunities which the public libraries, churches, lecture courses and musical entertainments of these cities offer, are important and react most beneficially upon both faculty and students.

Campus

The campus contains forty acres with a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, which connects the Twin Cities. The College buildings, seven in number, are situated on the north half of the campus, while the ample athletic field, grove of oaks and ice skating rink occupy the southern half.

*Deceased

Buildings and Equipment

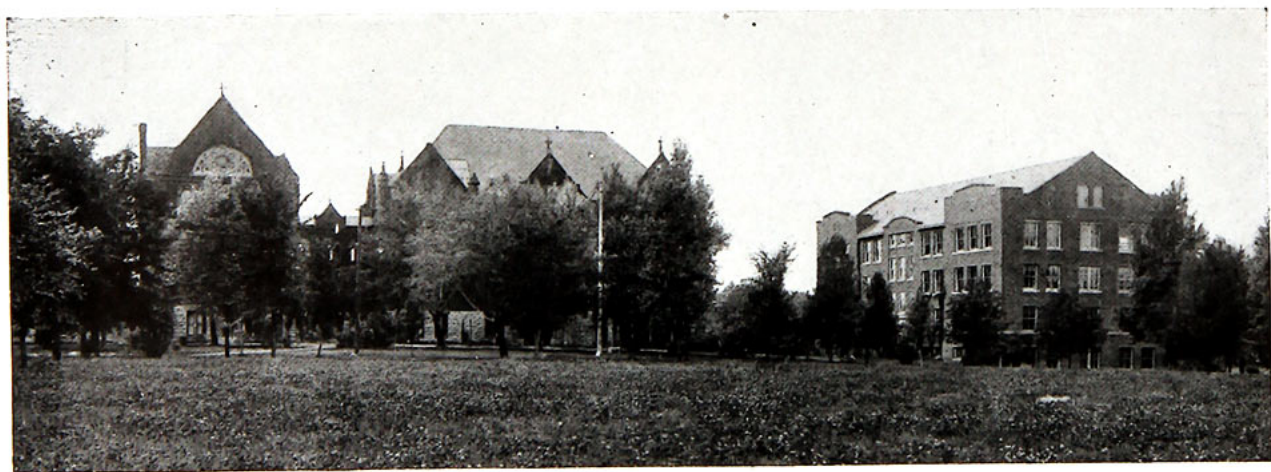
The Main Building is of brick, one hundred feet long and fifty feet wide, three stories high with basement, and contains class rooms, society halls, men's gymnasium, library, auditorium and executive office. The building is heated by steam and provided with its own electric light plant.

The Carnegie Science Hall, the gift of Mr. Andrew Carnegie, is a three-story building with a full height basement. It is essentially fireproof, being constructed of reinforced concrete and brick. The exterior is of colonial brick with trimmings of Bedford limestone. The floors are of maple over reinforced concrete except those of the halls which are of cement with terrazzo borders. The interior finish and furniture are of birch. The basement contains a wood shop and a metal shop for applied mechanics. The first floor is devoted to physics and mineralogy; the second to biology, mathematics and astronomy; and the third to chemistry. The entire building is electrically lighted and steam heated. Ventilation is of the most approved type. Pure air passes into the basement over steam coils and is driven thru the building by electric fans. In the attic another fan draws out the foul air. Electrical connections are provided in all of the lecture rooms for both direct and alternating currents for projection as well as for general demonstrations and lectures. Light is abundant and well directed. For its size and purpose this building has no superior.

Museum.—In the Science Hall is the Museum, small at present, but growing. The Lewis Collection of Indian relics is rare and valuable, as is also the Educational Collection of marine invertebrates and fishes contributed by the Smithsonian Institution, Washington, D. C. Friends are invited to keep in mind the importance of a museum in educational work.

The Men's Dormitory is a three-story brick building, ninety feet long by thirty-eight feet wide. The second and third floors contain twenty double rooms designed to accommodate two students each. The rooms are furnished with plain, substantial furniture, are well lighted and thoroly comfortable. This hall is for men exclusively. The building is heated by steam and lighted by gas. Students must care for their own rooms or arrange with some one to do so.

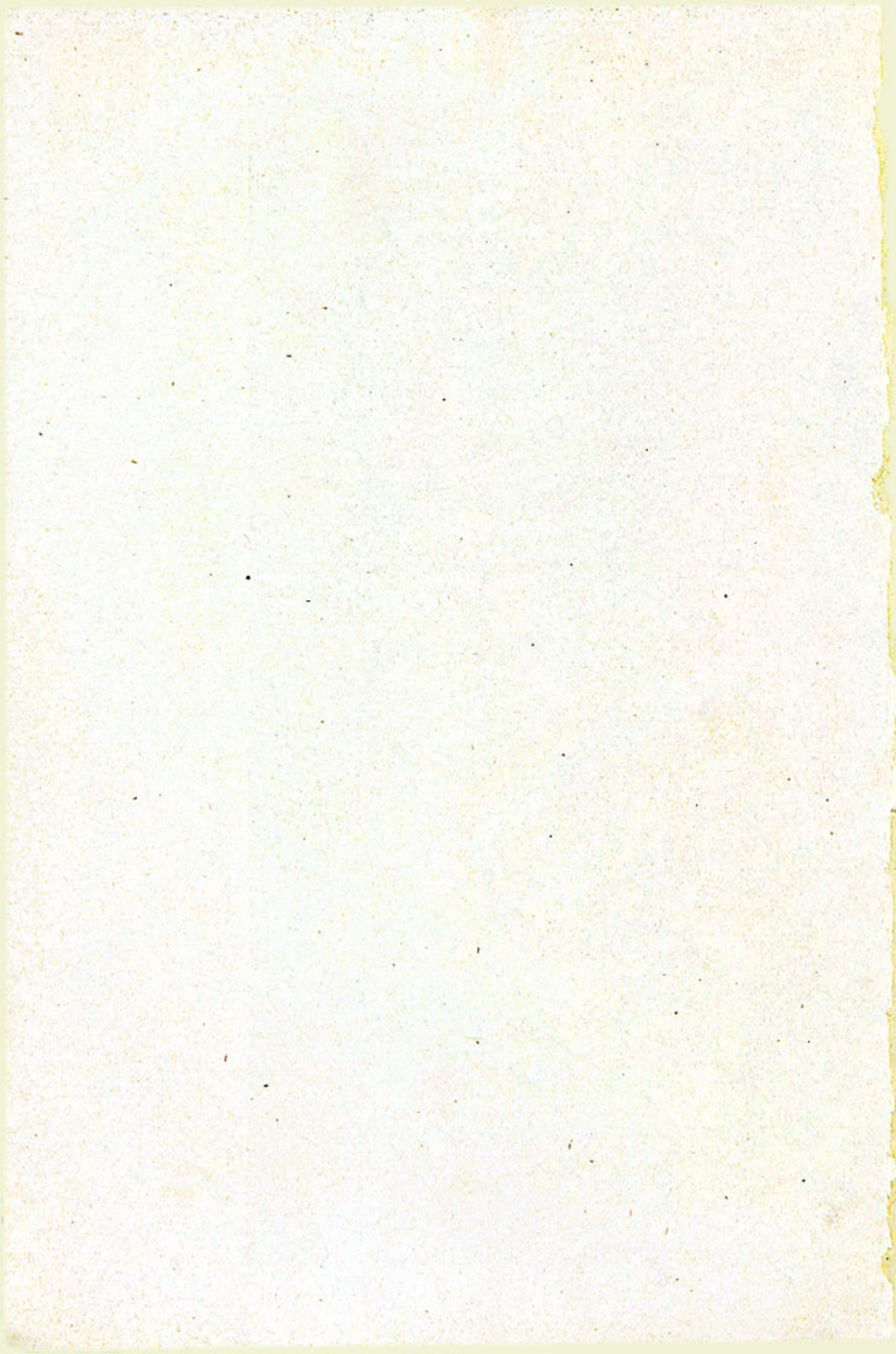
Wallace Hall is a new building for women, situated at the corner of Summit and Macalester avenues, and so arranged that



Men's Dormitor

GENERAL VIEW OF COLLEGE BUILDINGS
Main Hall

Science Hall



sunlight falls into every room. In addition to the students' rooms there are elegant parlors, a dining room that seats one hundred, and a large gymnasium in the basement. The classes for the physical training of women are held here. It is heated by steam, lighted by electricity, has hot and cold water in every room, shower and tub bath facilities. It accommodates eighty students. The whole building has every modern appointment and is absolutely fireproof. It is believed that no building of its kind west of Chicago can approach it or be compared with it in plan and equipment. Choice of rooms will be given in order of application.

Edwards Hall is a substantial three-story commons for men, on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, of St. Paul, thru whose liberality it was erected. It sets tables for seventy-five. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the faculty.

Taylor Cottage, named in memory of H. Knox Taylor, a trustee and treasurer, is a frame building similar to Moss Hall, and used at present as a professor's residence.

Euthenian Hall, corner of Lincoln and Snelling avenues, is a commodious and attractive dormitory, leased by a club of men and under the management of its officers. It lodges twenty students and has dining room facilities for twenty-five.

Rice Hall, named in memory of Rev. Daniel Rice, D. D., a former professor and trustee, is a frame building facing the campus, used as a practice hall by the School of Music. It contains sixteen rooms, heated by steam and lighted by gas.

Heat, Light and Power Plant.—A central plant containing two boilers, an engine and a dynamo, supplies the Main Building, the Men's Dormitory and the Science Hall with steam heat, electric light and power.

Shaw Field.—Provision for the encouragement and development of outdoor athletics has been made by the construction of the Thomas Shaw Athletic Field. This contains four acres of the campus lying directly south of the main building and is enclosed by an iron fence. A quarter-mile track, twelve feet wide, with turns on a hundred-foot radius, is one of the important features of the field. This track is on a dead level and has a foundation of coarse cinders five inches deep, on top of which is a layer of fine surfacing cinders

two inches deep. The part of the field enclosed by the track is laid out as a football and baseball field and also provides room for an outdoor basketball field. The whole area within the track is perfectly level and, with the exception of the diamond, is seeded down with a special mixture of lawn grass seed which will stand the rough usage athletic fields naturally receive.

On the east side of the field between the fence and the track lies an elevated strip about thirty feet wide along which a series of bleachers is being constructed. These are to be in units having a seating capacity of about five hundred each.

The track in front of the bleachers has straight extensions at the corners which provide a straightaway track for all the short races, while just inside the curb the proper settings are provided for the pole vault, the running broad jump and the discus throw.

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

The college buildings with their furnishings, laboratory equipment, library, together with the campus, are conservatively valued at \$372,842.

Library

The Library contains about fifteen thousand volumes. The working collection is located on the third floor of the Main Building; less used books are on other floors. For greater security the Neill collection has been placed in the museum room in Science Hall; in this building also are department collections.

The Neill collection includes rare works in Puritan and Colonial history and theology, and in early American travels, together with examples of fifteenth and sixteenth century printing and valuable autograph letters.

The Dewey system of classification is used.

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

Henry L. Moss, a former trustee of the college, at his death in 1902, left his property for the support of the Library, subject to life use by Mrs. Moss. The income from this bequest is at present three hundred and sixty-seven dollars.

The alcove of economics receives twenty-five dollars annually from Mr. F. A. Hodgman, of New York City, in memory of his mother, Mary Hurlbut Hodgman.

Annual gifts or permanent funds are desired for other alcoves.

The Library is open every school day during the college year from eight until five o'clock and on Saturdays and holidays from nine to twelve and from one-thirty to five o'clock.

The following periodicals are on file in the Library or in the department libraries:—

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| Advocate of Peace. | Literary Digest. |
| American Economic Review. | Living Age. |
| American Historical Review. | London, Edinburgh and Dublin Philo-
sophical Magazine. |
| American Journal of Archaeology. | Missionary Review of the World. |
| American Journal of Sociology. | Mississippi Valley Historical Review. |
| American Naturalist. | Musican. |
| American Political Science Review. | Musical Courier. |
| Annals of the American Academy of
Political and Social Science. | Musical Quarterly. |
| Assembly Herald. | Nation. |
| Association Men. | National Geographic Magazine. |
| Art and Archaeology. | New Republic. |
| Atlantic Monthly. | North American Review. |
| Bible Society Record. | Outlook |
| Biological Bulletin. | Political Science Quarterly. |
| Bookman. | Popular Astronomy. |
| Century Magazine. | Popular Mechanics. |
| Christian Endeavor World. | Presbyterian. |
| Classical Journal. | Progress. |
| Continent. | Publications of the Modern Language
Association of America. |
| Country Life in America. | Quarterly Journal of Economics. |
| Courrier des Etats-Unis. | Range News. |
| Current Opinion. | Reader's Guide to Periodical Literature. |
| Dial. | Record of Christian Work. |
| Editor. | Religious Education. |
| Educational Review. | Review of Reviews. |
| English Journal. | St. Paul Pioneer Press. |
| Etude. | School and Society. |
| Everybody's Magazine. | School Review. |
| Expository Times. | Scientific American. |
| Forum. | Scientific American Supplement. |
| Harper's Magazine. | Scientific Monthly. |
| Herald and Presbyter. | Scribner's Magazine. |
| Hibbert Journal. | Sunday School Times. |
| Home Mission Monthly. | Survey. |
| House Beautiful. | Woman's Work. |
| Independent. | World's Work. |
| International Review of Missions. | Yale Alumni Weekly. |
| Journal of Educational Psychology. | Yale Review. |
| Journal of Geology. | Zeitschrift für den Deutschen Unterricht |
| Journal of Home Economics. | |
| Journal of Political Economy. | |

Administration

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to guard well their honor and that of the institution, and to maintain a wholesome esprit de corps.

Some regulations, however, are necessary, and when students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are

expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

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 dormitories are organized on the self-government plan under adequate faculty cooperation. A Student Council, composed of student and faculty representatives, voices student opinion and cultivates student self-control.

Registration

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

No student is permitted to register after the fourth Monday of the semester.

Students registering later than the second Monday of the semester are required to secure permission from the heads of the departments in their respective courses.

The student who has failed in more than half the work of the first semester, counted by hours, may not register for the second semester.

The prospective student will facilitate registration by procuring from the college an application blank on which his principal or superintendent should fill in the student's credits. This blank should be mailed by the proper school authority to the Registrar by the first of September.

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 fail in term grade or in both the regular and condition examinations, must take the subject again in class to secure credit.

For private and condition examinations a fee of fifty cents shall be paid for each examination to the Secretary of the Faculty, who shall thereupon issue a permit. Private examinations will be authorized by the faculty only, and for the most urgent reasons stated in writing.

Examinations for removal of conditions will be held on the second Monday after the first Wednesday of each semester at 2:20 p. m. Attendance upon these examinations is obligatory.

Degrees

Graduates from the classical course receive the degree of B. A.; those from the scientific course the degree of B. S.

No student shall be entitled to graduate who shall not have been attending the college at least one year.

Fellowships

The Board of Trustees has offered a limited number of fellowships open to graduates of other approved colleges and carrying a yearly stipend of \$300. The holders are required to devote one-half of their time to assistance in the department offering the fellowship and the other half to graduate study in the University of Minnesota.

Prizes and Scholarships

Noyes Prize.—Mrs. D. R. Noyes has given \$2,000, the interest on which is used as prizes for student scholarship. Last year the senior prize was awarded to Catharine Lealtad, the junior to Margaret Douglass Downing and the sophomore to Charles Gerlinger.

Stringer Prize.—Thru Mr. E. C. Stringer, of St. Paul, the college is able to offer an annual prize of twenty-five dollars, to be given to that student of the college, who, having not fewer than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above, and represents the college in the state contest. Awarded last year to Paul Bremicker.

Debate Prize.—Mr. Walter L. Mayo, of St. Paul, offers a prize of thirty dollars, to be distributed to the six students who win positions on the state intercollegiate teams. The winners last year were G. R. Collins, H. D. Lindgren, Irving Roth, Charles Gerlinger, Walter Lienke, Swan Mattson and G. A. Jensen.

Macalester-Hamline Senior Prize in Oratory.—One hundred dollars in prizes is distributed among the winning contestants in an annual dual oratorical contest between the senior classes of Hamline and Macalester College. The first prize consists of fifty

dollars, the second of twenty-five dollars and the third of ten dollars and three of five dollars each. The contest in 1915-16 was won by G. R. Collins of Macalester.

Temperance Oratorical Prize.—Each year twenty-five dollars is given by The Board of Temperance to be divided in prizes of fifteen and ten dollars for the best orations on some phase of the temperance question. First prize won this year by Charles Gerlinger.

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

Silliman Scholarship.—Offered by Mr. H. B. Silliman, of Cohoes, N. Y., and yielding \$50 per annum. Awarded this year to Erling Eriksen.

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. Held this year by Olga Terzieff.

Webb Scholarship.—Mr. E. A. Webb has given \$1,000, the interest of which is to aid a candidate from the Central Presbyterian Church, St. Paul. Held this year by Vergil H. Guthrie.

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

Biology Scholarship.—Dr. Archibald MacLaren, of St. Paul, contributes \$50 this year to aid a student in the department of biology, to be selected by the head of this department. Held this year by Raymond Landon.

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

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

Paul Scholarship.—Mr. J. Rodman Paul, of Philadelphia, gives \$60 annually for a scholarship awarded by the faculty.

McLain Journalism Scholarship.—Mr. J. S. McLain offers a prize of \$50 for the encouragement of high class English work on the Mac Weekly. Awarded this year to A. B. Hood.

Ministerial Scholarships.—Given by Board of Education of the Presbyterian Church to candidates for its ministry.

Honorary Scholarships of \$50 each are offered to the first ranking student among the young men and also among the young

women in each graduating class of an accredited four-year high school, provided that the superintendent certifies that such students are of honor grade.

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

Loan Fund.—A loan fund of one thousand dollars has been started by the Faculty Women's Club. Three hundred dollars are now being used as a loan for short periods, without interest, to junior and senior students.

Student Activities

The Y. M. C. A. has a membership of about seventy students. It holds its regular meeting every Tuesday morning and evening. 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 president of this association is Charles Gerlinger.

The Y. W. C. A. has this year a membership of about seventy-five. Its regular meeting is held every Tuesday morning. There is also a flourishing mission-study class. The president of the association is Alice Everts.

Literary Societies.—In the college there are five literary societies under the general oversight of the faculty. The Hyperion society admits to membership both men and women; the Athenaeum and Eulogian societies admit men, and the Clonian and Philotian societies, women.

In the Music School, the Euterpean society is open to music students.

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

Debate and Oratory.—All matters pertaining to debate and oratory are under the charge of the Forensic Board. This Board is composed of one representative from each literary society, one from each class and three representatives from the faculty.

The college takes part in four intercollegiate oratorical contests. Of these, three are state contests; the State Intercollegiate, the

State Temperance and the State Peace Oratorical Contests. The other is the Hamline-Macalester Senior Oratorical Contest. A preliminary home contest is held for each of these contests, making four home contests, for which suitable prizes are offered. Macalester's representatives this year were, in the State Intercollegiate, G. R. Collins; in the State Temperance, Charles Gerlinger. The representatives in the Macalester-Hamline Senior Oratorical contest were G. R. Collins, H. N. Huelster and A. H. Norum.

The college takes part in four debates this year, meeting Hamline, Coe, Lawrence and Beloit. The following men made up the squad from which the teams have been selected: G. R. Collins, Irving Roth, Charles Gerlinger, Walter Lienke, Wylie Akenson, Frank Holmes, Wallace Gibson, John Cecil, G. P. Hough and N. E. Nygaard. The Freshman-Sophomore Annual Debate for the loving cup provided by the Forensic Board was won this year by the Sophomore class.

College Chorus.—H. E. Phillips, leader.

College Band.—Walter Lienke, leader.

College Glee Club.—Vergil H. Guthrie, leader.

Women's Glee Club.—H. E. Phillips, leader.

Education Club.—This is an organization of students interested in the advancement of pedagogical training and knowledge. The club meets on the first and third Monday evenings of each month. All college students are eligible to membership.

The M Club is an organization founded principally to keep those who have won the letter in touch with each other and to foster athletics.

The club was organized Dec. 3, 1913. When a Macalester student has earned an M he becomes a member on payment of one dollar initiation fee. No annual dues are paid while the student is in school.

Meetings are held about once a month when dinner is served and toasts are given by faculty members, alumni and coaches.

During the business meeting which follows, questions concerning athletics are brought up. The club does everything in its power, in keeping with the spirit of the school, to promote athletics and attract students from the surrounding territory.

Any one who desires information concerning the college may write to the officers mentioned below, or to any M man whom he knows and the information will be given.

President, D. S. Doty, 1708 Marshall Ave., St. Paul.

Secretary and Treasurer, R. E. Greig, Macalester College, St. Paul.

The Honor Scholarship Society

This society was organized in 1914 with twenty charter members. The aim in this body 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.

The society is composed of twenty-five members; four unconditioned sophomores and sixteen juniors and seniors. New members are elected by the faculty at the beginning of October in each year. The eligible list for new members is composed of students having an average standing of at least *B*, together with any others who may be added by a three-fourths vote of the faculty. Half of the members to be elected are chosen on the basis of scholarship as shown by the registrar's records. The remaining half are chosen by ballot of the faculty from those students who are on the eligible list.

The society has an active member's pin of silver, which is presented to each new member at the recognition exercises when he enters the society, and a graduate member's pin of gold, which is presented to graduating members at, or just preceding, commencement. The officers of the society are:—President, V. H. Guthrie; Vice-President, Margaret Williams; Secretary, Anna Nelson; Executive Committee, the above officers together with Professors A. W. Anderson, D. N. Kingery and J. P. Hall.

The list of members is as follows:—

BERYL ALBERTA BROWNLEE	ETHEL MARIE McCLURE
GEORGE ROWLAND COLLINS	JESSIE ELIZABETH McCLURE
LAJLA MARIE DALE	RUTH LUDLOW MOORE
FRANCIS MARION DANA	ANNA SERAPHINA NELSON
MARGARET DOUGLASS DOWNING	ADOLF OLSON
ALICE MURIEL EVERTS	EVELYN BRADBURY PAGE
CHARLES GERLINGER	JOSEPH HOWARD RHODS
VERGIL HOMER GUTHRIE	IRVING ROTH
GEORGE PERCY HOUGH	JOHN LYMAN SHEEAN
BERTHA MAMIE HURR	FREMONT DAVID TAYLOR
ESTHER JERABEK	OLGA CONSTANTINE TERZIEFF
DAVID NATHANIEL LING	FAITH BOYDEN TORINUS
	MARGARET JANE WILLIAMS

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) all students registering for more than five hours a week in college studies are required to include the equivalent of at least one hour a week of Bible study for the year; (2) attendance at the daily chapel exercises of the college at ten o'clock in the morning is required of all college students without exception; (3) attendance at Sunday morning church services is expected of all students and required of all who are not living at home with their parents. Presbyterian students, not living at home, are expected to attend the Macalester Presbyterian Church. Students connected with other churches either by membership or sympathies are excused to attend the church of their preference.

The Macalester Church has initiated a system of affiliated memberships, by which the student who wishes may retain his membership with his home church while at the same time coming into such relation with the local church at the college that he may feel that he has here a church home and center for his religious life. Students are urged to take advantage of this offered affiliation.

Physical Training and Athletics

Athletics and careful physical training are encouraged, and three dollars of the tuition fee for each semester are set apart for the support of athletics. Students are thereby entitled to admittance to all athletic contests and to the use of the gymnasium and skating rink. The athletic field is enclosed, and contains about four acres. There are a number of lawn tennis courts. A large skating rink has been provided in the midst of the oak grove at the south of the campus, and has been very popular. Trained coaches are provided for field sports.

All men not excused by the director of athletics are required to take gymnasium drill twice a week for at least one-third of each year. A competent instructor and adequate equipment are provided.

Classes in physical training are conducted for young women in the gymnasium of Wallace Hall. Attendance is required of freshmen.

A course in personal hygiene for one semester is required of all students. On completion of two years' physical training one credit is given for this course.

Teachers' Bureau

The college maintains a reliable teachers' bureau as a means of communication between graduates and superintendents and school boards desiring competent teachers. Graduates will not be recommended to positions for which they do not give good evidence of fitness. This service is given without charge. Those desiring to make inquiry in regard to teachers should address The Teachers' Bureau, Macalester College, St. Paul, Minnesota.

Publications

The following publications are issued from the college:—

The College Catalog, which is one number of **The Macalester College Bulletin**, a quarterly paper devoted to the advertisement and advancement of the institution.

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

The Macalester Weekly is a student publication established this year. It gives expression to student opinion upon matters of college life, and gives complete accounts of all college events. The editor-in-chief is G. R. Collins.

Expenses

Students' fees are paid at the beginning of each semester, before completion of registration and strictly in advance, as follows:—

Tuition, regular student.....	\$33.00
Special student (not more than eight hours).....	18.00
Special student (not more than five hours).....	12.00
Special fees—	
Biology.....	3.00
Chemistry.....	5.00
Physics.....	3.00
Geology.....	1.00
Applied Mechanics.....	4.00
Homemaking.....	1.00
Mechanical Drawing.....	.50
Locker, annual fee.....	1.00
Diploma.....	5.00

No deductions are made except for sickness lasting a month or more.

From tuition fees the trustees, on recommendation of the faculty and students, appropriate the following amounts: athletics, \$3; library, \$2.50; band, orchestra, debate and oratory, 50 cents; "The Mac," 50 cents; newspaper, 75 cents.

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

Those withdrawing for other reasons, on or before the middle of a semester, will be allowed an equitable percentage on tuition paid.

Special Rates

1. Sons and daughters of ministers of any denomination are allowed a rebate of eight dollars each semester on tuition.

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

(1) Candidates for the Presbyterian ministry shall be under the care of presbyteries, and shall present to the treasurer 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.

(2) 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.

The above concession, tho made at a great sacrifice to the college, is offered cheerfully, with the purpose of enhancing, as far as possible, the usefulness of the college. It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as possible, the welfare of the institution and that they will complete their course of study at this institution.

3. When more than one person from the same family attend college at the same time a rebate of \$4 on tuition fee will be allowed to each person after the first. This rule does not apply to those receiving other privileges or rebates.

Rooms and Board

Room rents for all college buildings and board at Wallace Hall are to be paid in advance each month of twenty-eight days.

Wallace Hall for Women

Board per week, each person.....\$4.00
Room rent per week, each person.....\$1.50 to 2.00

Men's Dormitory

Room rent per week—corner rooms, with care.....\$1.25
Room rent per week—inner rooms, with care.....1.00

For each person.

All rooms have two occupants and the rentals include light and heat.

Men students board at Edwards and Euthenian clubs, or in private families. Board costs on an average fifty cents a day or \$3.25 to \$4.00 a week. Rooms in private families per month, \$6.00 and up.

Occupants of dormitory rooms are held responsible for their rooms for the semester unless obliged to withdraw from college.

Each student in the college dormitories is required to deposit \$2.50 (including deposit for key) as a guarantee against damage to college property, and to make it up to that amount at the opening of each semester thereafter. From this fund are deducted (1) charges for damage for which he is personally responsible; (2) charges (pro rata) for damage done in dormitories by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the dormitory.

Rooms

(1) **Furniture.**—All rooms in men's dormitories are furnished with bedsteads (two-thirds size), mattresses, pillows, dresser stand, bowl and pitcher, study table, book shelves and three chairs. The toilet room lavatory is supplied with hot and cold water. Students in the dormitories must provide their own bed clothing, towels, napkins and carpets or rugs. In Wallace Hall there are single iron beds, mattresses, pillows, dresser, study table, two rockers, two study chairs, a lavatory with hot and cold water, steam heat and electricity. Floors are of hardwood.

(2) **Application.**—Application for room in the dormitories should be made as early as convenient to the President. Reservation in Wallace Hall is \$3; in men's dormitory, \$1. This applies on first month's rent. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay. In case applicants fail to come, the money advanced will not be returned. Rooms will be assigned in the order of application.

No deduction is made for vacations during school year. Students are charged for their rooms till they are formally vacated—whether continuously occupied or not—and keys surrendered.

Each dormitory tenant is held responsible for the rent for the entire semester. A student may shift this responsibility by securing a new tenant not occupying dormitory quarters, but is relieved from the obligation only on withdrawal from the college for good reasons.

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

Students who are in arrears at the end of any semester will be refused credits for the semester's work until all bills incurred by them have been paid; also future registration will be denied and no

class work allowed until settlement satisfactory to the treasurer has been made.

Self-Support

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

The Y. M. C. A. employment bureau has been organized to assist students in finding work. There are opportunities for work in stores and offices, caring for furnaces, waiting in clubs and carrying newspapers, and in many other ways dependent upon the 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 new-comer is cheerfully made. Address all communications to Chairman Employment Committee, Macalester College, St. Paul.

Telephone

The college may be reached by the Northwestern telephone, Midway 486; The President's residence, Dale 2450; Wallace Hall, Midway 535; Men's dormitory, Midway 320; Edward's Hall, Midway 2175; Euthenian Hall, Midway 1259; Head Janitor, Midway 4414; Head Engineer, Midway 722; Conservatory of Music, Midway 2656.

College of Liberal Arts

The *men of experiment* are like ants—they only collect and use. The *reasoners* resemble spiders, who make cobwebs out of their own substance.

But the bee takes a middle course; it gathers the material from the flowers, but digests it by a power of its own.

So *true philosophy* neither chiefly relies on the powers of the mind, nor takes the matter which it gathers and lays it up in the memory, whole as it finds it, but lays it up in the understanding, to be transformed and digested.

—*Francis Bacon.*

Entrance Requirements

General Statement

The satisfactory completion of fifteen units of properly coordinated work of high school grade is required for admission to the freshman class of the college. The following units are required: four in English and two in Mathematics. By a unit is meant four or five recitation periods a week in a subject, carried throught a year of thirty-six weeks. The recitation periods must be of not less than forty minutes in length.

Admission by Certificate

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

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

From Unaccredited High Schools and Academies.—Graduates of such schools should secure the Applicant's Blank from the Registrar of the college, and have it filled out and sent to the Registrar as in the case of Accredited Schools. The credits will then be evaluated by the Matriculation Committee of the College.

Registration with Conditions.—A student submitting thirteen and a half units will be admitted as freshman, conditioned, and may make up deficiencies in certain sub-freshman courses. See Departments.

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 exami-

nation satisfactorily. These examinations will be given on the Monday and Tuesday preceding the opening of the college in September.

Suggestions to Students Preparing for Macalester College

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

Suggested Units.—Students expecting to study for the B. A. degree are advised to present the following ten units for entrance:

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

The remaining five units may be selected from the following:

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

Students intending to study for the B. S. degree are advised to present the following ten units:

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

The remaining five units may be selected from the following:

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

Suggested Courses of High School Study.—The following courses of study are suggested to students now in high schools who are preparing for entrance to Macalester College. Courses such as these will furnish substantial preparation for the work of the college and will articulate well with its courses:

For the B. A. Degree	For the B. S. Degree
Composition and Rhetoric 2 units	Composition and Rhetoric 2 units
Literature 2 units	Literature 2 units
Algebra 1 or 1½ unit	Algebra 1½ unit
Geometry 1 or 1½ unit	Geometry 1½ unit
Latin 4 units	Latin 2 units
Greek or German 2 units	German 2 units
History and Civics 2 units	History and Civics 2 units
Natural Science 2 units	Natural Science 2 or 3 units

Admission with Advanced Standing

From Other Colleges.—Students coming from reputable institutions of collegiate grade should present letters of dismissal and are then given standing in Macalester College, allowing a fair equivalent on the course here for work done elsewhere.

All credits from other institutions, for which the student wishes credit in this institution, must be presented at the time of registration. Credits presented later from other institutions will not be considered.

From High Schools and Academies.—Ordinarily, no credit will be allowed on the college course for excess units of work done in the high school or academy. A student asking for such credit should note the following conditions:—

(1) No credit will be allowed except for an excess beyond seventeen units of high school or academy work.

(2) No credit will be allowed except after an examination by the college instructors to whose departments the subjects belong.

(3) In no case will credit be given for more than half the time which the subjects consumed in the preparatory school course.

(4) The Matriculation Committee will decide which of the student's excess units may be submitted for college credit.

Courses of Study

The College of Liberal Arts embraces the following general courses:—

1. The Classical Course, leading to the degree of B. A.
2. The Scientific Course, leading to the degree of B. S.

On entrance, the student makes choice of one of the above courses. Thereafter, deviation from the course chosen must be with the approval of the faculty upon written application, stating reasons.

Requirements for Graduation

Number of Credits.—One hundred and twenty-seven credits are required for graduation in either of the above courses.

The term credit in the following pages means one hour a week for one semester in class room, or its equivalent in laboratory.

Credits Required in All Courses.—The following credits are required both for the B. A. and the B. S. degree:—

- (1) 7 credits in Religious Education and Mental Science 3.
9 credits selected from Greek 9 and History 3, Mental Science 4a and Religious Education.

At least two credits must be secured each year.

- (2) 6 credits in English 1.
- (3) 6 credits in Social and Political Science and History.
- (4) 3 credits in Mental Science 1.
- (5) 1 credit in Personal Hygiene.

32 credits required of all.

Credits Required for the B. A. Degree.—For the B. A. degree, the following credits in addition to the above are required:

- (1) Six years of foreign language, four of which may be secured in the high school or academy. Four years of this requirement must be in one language, two in another. One year of a language may not be counted for the six here required. If the student's major be in Group I, two of the six years must be Latin or Greek.
- (2) 12 credits in science.

Credits Required for the B. S. Degree.—In addition to the requirements in all courses, the following credits are required for the B. S. degree.

- (1) 8 credits in Mathematics 1 and 2.
- (2) Two years of a modern language in the college course, unless student presents three units of a modern language, or two

units of a modern language and two units of another foreign language from high school or academy.

(3) In addition to the major, the student must have eighteen credits from two departments of science.

Courses for the Freshman Year.—The required courses for the freshman year are:—

For the B. A. Degree

Religious Education, 1,2 hours
(first semester)
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
One subject from Group III.
Personal Hygiene

For the B. S. Degree

Religious Education, 1, 2 hours
(first semester)
English 1, 3 hours
Latin, Greek, French or German (to complete requirements above), 4 hours
Mathematics
One Subject from Group III.
Personal Hygiene

The elective courses for the freshman year are:—

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1, 2, 3
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 1A, 1, 2, 9
Applied Mechanics 1

Religious Education 1 (second semester)
Biology 1, 2
Chemistry 1, 2, 3
Expression 1
Foreign Language
History 1, 5, 6
Mathematics 9
Applied Mechanics 1

Language requirement must be completed if possible by the end of sophomore year.

Science requirements in the B. A. course must be completed by the end of the junior year.

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

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

GROUP I.

- | | |
|----------|----------------------|
| 1. Latin | 3. German |
| 2. Greek | 4. Romance Languages |
| | 5. English |

GROUP II.

- | | |
|-----------------------------|---------------------------------|
| 1. Religious Education | 3. Social and Political Science |
| 2. Philosophy and Education | 4. History |

GROUP III.

- | | |
|---|----------------|
| 1. Chemistry | 3. Biology |
| 2. Physics (including Applied
Mechanics 2 for major) | 4. Mathematics |

Terms Defined.—A *major* consists of twenty credits obtained in one department.

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

Restrictions on Choice.—

(1) For the B. A. degree, the major must be selected from Group I or Group II. For the B. S. degree, the major must be chosen from Group III.

(2) 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.

(3) The following courses are not counted toward a major or minor:—Bible 1 (first semester) and 2, Chemistry 1 and 10, English 1.

French 1 and 2, German 1 and 2, Greek 1a, Latin A and B, Mathematics 1a and 9, Mental Science 1, Biology 1 and 2, Physics 1 and Social and Political Science 1 and 11 are not counted toward a major. In Physics students must present one year of high school work in the subject in order to begin a major or minor.

Theses.—On or before the opening of the second semester of his junior year, each candidate for a degree shall select the subject of a thesis connected with the subject which he is making his major. This subject must be chosen in consultation with the head of the department to which the student's major belongs and with his approval.

The completed thesis shall be typewritten and filed with the Librarian on or before the first of April preceding the student's graduation. Such thesis must be prepared according to regulations to be obtained from the Librarian, and must bear the signed approval of the head of the department. Further, these theses must be accompanied by a complete bibliography of works consulted and analysis. Ordinarily, they will not be accepted if they exceed 6,000 words in length.

Classification of Students

Classification without Conditions.—For freshman classification, as stated before, fifteen units of acceptable high school

work or their equivalent; for sophomore, thirty-two college credits in addition to the entrance requirements; for junior, sixty-four credits in addition to the entrance requirements; for senior, ninety-six credits in addition to the entrance requirements.

Classification with Conditions.—A student is classified as freshman with conditions who presents fewer than fifteen units or their equivalent of high school work and not fewer than thirteen and a half of such units; a student will be classed sophomore on removing all entrance requirements except one-half unit, and gaining twenty-four college credits; he will be ranked junior on removing all entrance requirements and obtaining fifty-four college credits; he will be ranked senior on obtaining ninety college credits.

All conditions from previous years must be removed by the end of the first semester of the senior year.

Changes of Course and Unfinished Courses

Change of Course.—Registration at the beginning of the semester fixes the course of study for the student. After that no change is permitted without 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.

Attending Courses as a Visitor.—Upon the approval of the adviser, a student shall be permitted to attend not to exceed four hours a week in classes for which he is not regularly registered. No credit is allowed for such attendance.

Respecting Courses Offered

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

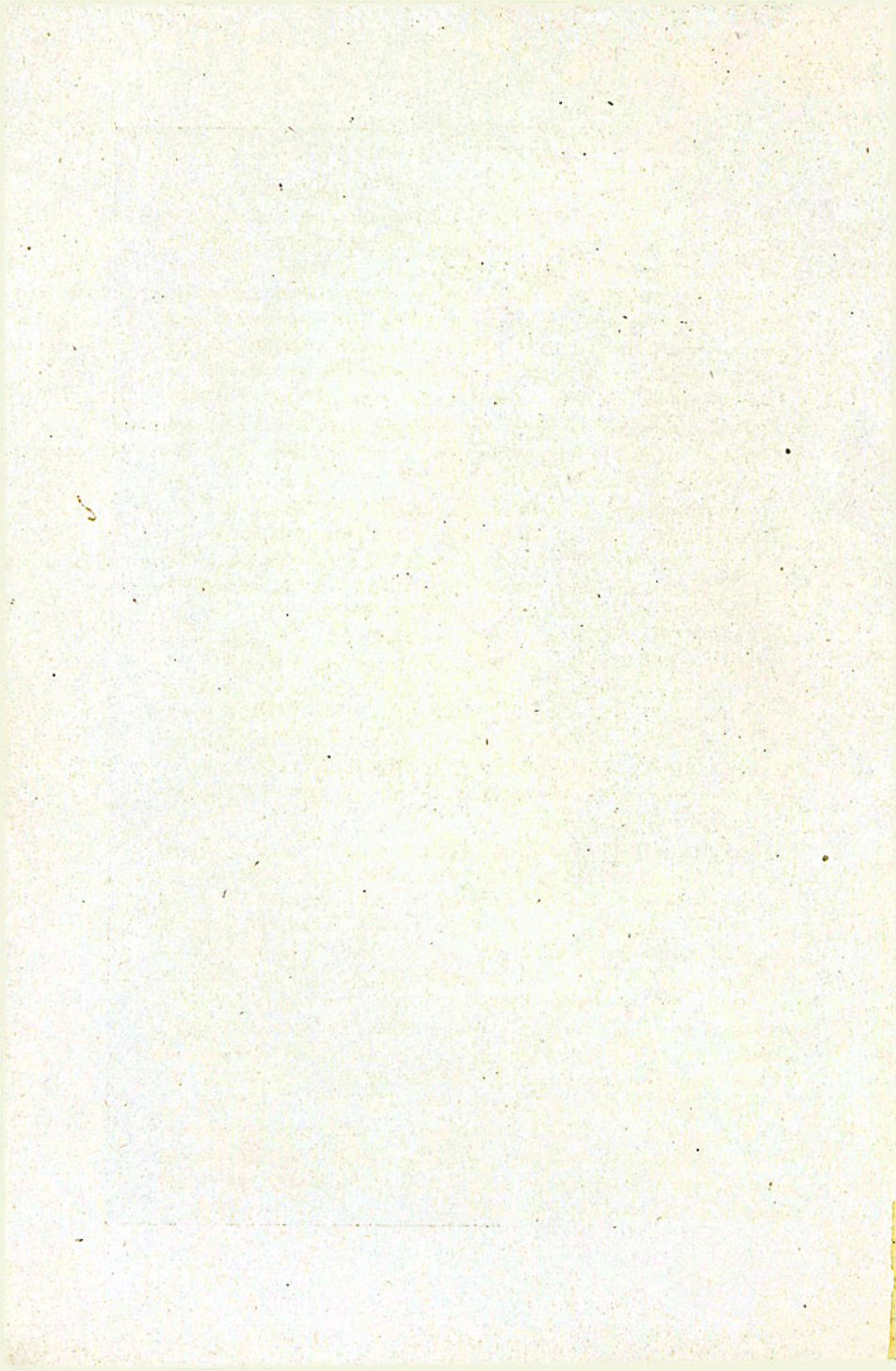
Courses of Study.—For detailed information respecting the courses of study offered see the heading, Departments, page 43, and following.

Preparation for Study of Professions

In general colleges do not offer the highly specialized and technical courses required in the professional schools. The object



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of a college is rather to lay a foundation for such study in a broad and thoro culture. At the same time 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 profession. The student on selecting his profession should, as soon as convenient, decide what school he will probably attend, then acquaint himself with its requirements for entrance, and shape his college course to meet those requirements. In general, however, the student will find the following courses helpful to him in his future professional study.

For the Study of Medicine.—Thoro courses in chemistry, physics and biology will be most helpful to the student and in most of the better medical schools are required.

For the Study of Law.—The courses in social and political science, English and argumentation, jurisprudence and history, especially constitutional history, are advised. Able students who find it necessary to economize in time will find it possible to gain a year by taking some courses in the evening classes of the Saint Paul Law School along with their college courses.

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

For Teaching.—Because of the large number of its graduates who become teachers, the college has made special provision for their needs. The student should remember that there is the content side of his preparation and the technical side. The former part of the preparation he will obtain by directing his college studies thru the majors, minors and elective studies to the subjects which he will teach, with their related topics. The latter he will find in the courses in sociology, psychology, logic, ethics, history of philosophy, history and principles of education. This preparation will then be supplemented by practice work to increase his insight into the principles of his profession and give him skill.

Attention of young men is invited in particular to the laboratory shop courses and manual training teachers' course which, in connection with the science courses, fit men for positions for which there is at present great demand.

Senior Electives in Professional Schools.—Students intending to study for some profession, who are obliged to shorten their course in preparation, may in the following manner save one year while still obtaining their degrees. After completing three years of the college course and being enrolled for the fourth year, they may take the first year of a professional course in any school approved by the faculty in place of the work of the senior year.

Conditions Required.—This will be permitted subject to the following conditions: first, the required studies of the college must be completed in every case; secondly, a certificate must be presented from the professional school, showing the successful completion of the work of the first year in that school.

Students Not Candidates for a Degree

Students not expecting a degree will be admitted to the college under the following conditions:—

(1) They must present the requisite entrance credits, fifteen units for unconditioned registration, at least thirteen and a half for conditioned registration.

(2) They will be restricted in their choice of courses to such as their previous studies furnish a preparation for.

(3) They are not excused from the operation of any of the regulations of the institution, which apply to the general student body.

These conditions being met, such students are classified according to the number of credits they have obtained, and are entitled to all the privileges of the college life.

Student Advisers

The Board of Trustees on recommendation of the Faculty has changed the advisory system because of the growing emphasis on the major work of the student.

For registration, advice and supervision all freshmen are referred to the following committee:—

Professors Clark, Hall, Halverson, Whitridge and Tiffany.

All sophomores are referred to the following committee:—

Professors Alexander, Anderson, Burgess, Menger and Kingery.

Thru the Junior and Senior years a student is advised by the head of the department in which he majors. The adviser assists the student in the arrangement of a course of study in harmony with his tastes or prospective vocation. The aim of this system of advisers is more intensive and consistent courses of study, vocational direction, timely warning to laggards and closer and more friendly cooperation.

Departments

Biology

PROFESSOR CORT AND MISS GOLDSWORTHY

The courses in biology are arranged to give that general cultural view of the subject which is important for a well rounded education and to make possible a degree of specialization for those looking forward to professional work along biological lines. A combination of courses 1 and 2 is recommended as a first year's work. Courses 1, 2, 3, 4 and 10 are adapted to the needs of the general student and a choice from them is recommended for the fulfillment of the science requirement or a minor in the department. The work in courses 7, 8, 12 and 20 is more specialized, but the cultural value of the subject is nowhere lost sight of.

A combination of courses 3 and 7 is recommended as a second year's work in biology for premedics.

As preparation for the teaching of biology in high schools the following courses are suggested: for botany, courses 1, 4 and 5; for physiology, course 3 followed by 7; for zoology, course 2 followed by 7 and 8. Course 20 fulfills the teachers' requirement of the state board in this department and should be taken by all prospective teachers of biology. Students majoring in biology should take courses in chemistry and physics. For preparation in medicine or graduate work in biology a reading knowledge of German and French is essential.

Course 9 is required of all men in the freshman class and does not count toward the science requirement, minor or major. Courses 1 and 2 do not count toward a major. Since courses 1 and 2 are open without restriction to freshmen, seniors taking either of them will receive two credits instead of three per course.

1. Plant Biology.—

A study of the principles of biology from the plant side. The main topics treated are: living matter and the cellular organization of plants; the general structure, physiology, and reproduction of representatives of the larger groups.

First semester, six hours a week, three credits.

2. Animal Biology.—

Biological principles as illustrated by animals. Representatives of the phyla of the animal kingdom are studied with reference to structure, function and relation to environment.

Second semester, six hours a week, three credits.

3. Human Biology.—

Lectures, recitations and demonstrations on the structure and functioning of the human body. Extensive use is made of anatomical charts and models. The laboratory work consists of a thoro dissection of a mammal and a study of the microscopical structure of some of the more important tissues.

Prerequisite, course 2. First semester, three hours recitation and four hours laboratory a week, four credits.

4. The Flowering Plants.—

Lectures and recitations on the structure, adaptations and classification of the higher plants; laboratory work on vascular tissues and flower structure and analysis. In the spring a study will be made in the field of the trees and flowers of the region. Emphasis is placed on adaptation to environment.

Prerequisite, course 1, not open to freshmen. Second semester, six hours a week, three credits.

5. Plant Physiology.—

A study of the physiology and ecology of plants. Experiments are carried on on photosynthesis, transpiration, evaporation, soil content, etc.

Prerequisite, courses 1 and 4. Second semester, six hours a week, three credits.

7. Vertebrate Anatomy.—

A study of the comparative structure of vertebrate animals. Dissections are made of representatives of the classes of the Vertebrata.

Prerequisite, courses 2 and 3. Second semester, eight hours a week, four credits.

8. Invertebrate Zoology.—

A study of the structure, taxonomy and classification of invertebrate animals. Types of the more important groups are studied in the field and laboratory.

Prerequisite, twelve hours of biology. One year, six hours a week, six credits. Given in 1916-1917 and alternate years.

9. Personal Hygiene.—

Lectures on the care of the body. Food, sleep, clothing, breathing, bathing and kindred subjects are discussed.

First semester, one hour a week, one credit. Required of all men of the freshman class.

10. History of Biology.—

A study of the lives and work of the more important men who have shaped biological thought. Lectures and assigned readings.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits. Given in 1915-1916 and alternate years.

12. Individual Course.—

Advanced students may, with the approval of the head of the department, take up lines of work not covered in the regular courses. Such work will consist of laboratory exercises and assigned readings. The emphasis will be placed on developing the power of independent work.

First or second semester or for the year, two to four credits.

20. Teachers' Course in Biology.—

Training in the theory and practice of the teaching of biology. Weekly conferences are held on the methods of teaching; opportunity is given for practice in laboratory instruction, grading of note and examination papers; questions connected with the planning of high school courses in biology, the preparing and buying of material, text-books, etc., are discussed. Open only to seniors who have had sixteen credits in biology.

One year, three hours a week, four credits.

22. Bacteria
24. Heredity
25. Field Work

Chemistry

PROFESSOR JONES AND PROFESSOR STARR

Courses 1 and 10 are not counted toward a major or minor.

1. General Inorganic Chemistry.—

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

One year, seven hours a week, eight credits. Six credits will be allowed seniors taking this course.

Students who have one unit of high school chemistry must take the lecture and classroom work of this course before they are eligible to take the courses following. Four credits will be allowed for this work. Students with very high standing in their high school chemistry will be allowed, upon passing an examination, to omit this course.

2. Advanced Inorganic Chemistry.—

This is a continuation of course 1, with an introduction to physical chemistry.

Prerequisite, course 1. One year, six hours a week, six credits.

3. Qualitative Analysis.—

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

Prerequisite, course 1. One year six or eight hours a week, six or eight credits; or second semester, twelve hours a week, six credits.

4. Quantitative Analysis.—

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

Prerequisite, courses 1 and 3. One year, six or eight hours a week six or eight credits.

5. Organic Chemistry.—

A course of lectures on organic chemistry, including a study of the aliphatic and aromatic compounds. The chemistry of foods, oils, explosives, etc., is considered. Some of the important compounds are prepared before the class. A laboratory fee of one dollar is charged, except when course 6 is also taken.

Prerequisite, courses 1 and 2 or 1 and 3. One year, three hours a week, four credits.

6. Laboratory Course in Organic Chemistry.—

To be taken with or upon completion of course 5. Organic compounds are prepared and studied. Quantitative results are expected. This course should be taken with course 5, when possible.

One year, six hours a week, four credits.

7. Advanced Organic Chemistry and Qualitative Organic Analysis.—

This course is a continuation of courses 5 and 6. The detection of common food adulterants will receive attention.

Prerequisite, courses 1, 2, 3, 5 and 6. One year, six hours a week, six credits.

8. Food Analysis.—

Milk and butter analyses receive special attention.

Prerequisite, courses 1, 3 and 4. One year, six hours a week, four, credits, or one semester, twelve hours a week, four credits.

9. Water Analysis.—

Prerequisite, courses 1, 3 and 4. One semester, six hours a week, three credits.

10. Teachers' Course.—

This course is designed for those who intend to teach chemistry. They are given practical work in the laboratories, instructing students beginning chemistry, preparing solutions, etc. A course of lectures is given on the teaching of chemistry.

Prerequisite, courses 1 and 3. One year, three or six hours a week, two or four credits. No fee is charged.

Education

PROFESSOR ANDERSON

1. History of Education to Modern Movements.—

The history is followed from the earliest times, thru the Greek, Roman and medieval periods, down to the middle of the eighteenth century. It is recommended that students take a course in European history along with this, if they have not already had such a course. This course and the following are of interest, not only to students purposing to teach, but to all students. These courses introduce us to the best educational thought of the world and have great cultural value.

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

2. History of Education in the Modern Period.—

This course begins with Rousseau. It covers the psychological, sociological and scientific movements, showing how the present day ideals, tendencies and institutions have become what they are. A relatively full treatment is given to the history of education in the United States. The course concludes with a survey of the modern state systems of education, their organization, methods, curricula and results. Text-book, collateral readings and reports required.

Prerequisite, forty credits. Second semester, three hours a week, three credits.

3. Principles of Education.—

A course given in three parts:—

(1) **The Philosophy of Education:** an attempt to unify and correlate the results of the previous studies of the student;

to reach a positive and well-reasoned view of the true aims of education, in order that the student may go forward with a better insight into the meaning of educational institutions and practice and with safe criteria for judging of their value.

(2) **Organization and Administration:** an examination of the structure and workings of our schools. Following an introduction on the organization, administration and supervision of the schools, in general, the secondary school system is taken up for more thoro study. Here are included the rise and growth of high schools, their aims, kinds, organization, curricula, etc.

(3) **The Teacher and the Class.** The physical and mental nature of the pupil, in particular, of the secondary school pupil is studied, class management and discipline, the nature of true study and the development of habits of intelligent study, and, finally, the art of teaching.

This course is given by text-book, lectures, collateral readings and quizzes. Practice work in teaching is provided under the supervision of the regular teachers, Reports on visits and observations in the city schools are called for. A thesis is required with this course.

Prerequisite, Philosophy 1, unless the student is registered for it at the same time. Philosophy 2, also, is recommended. One year, three hours a week, six credits.

For further courses in Education, see the various departments of instruction in the college; and, further, all courses in the department of Mental Sciences and Philosophy.

The following courses are included in this department:—

Religious Education 8	Latin 7
Biology 20	Mathematics 7
Chemistry 10	Applied Mechanics 2
English 11	Physics 5
German 11	

English

PROFESSORS JOHNSON, CLARK, WHITRIDGE and MISS TIFFANY

This department offers a major in English Literature and a minor in Expression or English Composition. Courses offered as English Composition may be counted toward a major in English Literature.

I. Composition and Public Speaking

PROFESSOR CLARK AND MISS TIFFANY

1. Composition.— PROFESSOR CLARK AND MISS TIFFANY

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. Descriptive and narrative writing are studied the first semester, and expository writing the second semester.

Students who are deficient in punctuation, spelling and sentence structure are required to make up these deficiencies in a separate course for which no college credit is given.

One year, three hours a week, six credits.

2. Short Story Writing.— PROFESSOR CLARK

This course is designed for those desiring further training in narrative writing. Representative short stories are read and analyzed. Each student is required to write several stories which are revised and rewritten until they satisfy the standards of the class.

Prerequisite, English 1. First semester, three hours a week, three credits.

3. Play Writing.— PROFESSOR CLARK

The aim of this course is to discover the dramatic values in life and the best methods of expressing them in literature. Representative plays are analyzed for technique in plot, character portrayal and dialog, and a model of each type is constructed in the class room. A one-act play is required of each student and opportunity will be given for producing more elaborate structures.

Prerequisite, English 1. Second semester, three hours a week, three credits. Alternate for course 6. Not offered 1916-1917.

4. Newspaper Writing.— PROFESSOR CLARK

This course offers an introduction to the field of journalism. Actual reporting and correspondence will be used as a basis for part of the composition and criticism. Sophomores desiring positions on the *Macalester Weekly* are urged to register for this course.

Prerequisite, English 1. First semester, two hours a week, two credits

5. Seminar in Advanced Composition.— PROFESSOR CLARK

Admittance to this course is by approval of the instructor. To be admitted a student must have shown unusual aptitude for

writing and must have completed one-third of the writing required for the course before he enters it. A student may pursue any form of writing which meets the approval of the instructor. A student desiring to be admitted to this course should, if possible, consult with the instructor during the spring or summer preceding enrollment in the course.

Prerequisite, English 1. One semester, one hour a week, one credit. Students taking advanced composition courses are advised to take also courses in English Literature.

6. **Expository Writing.**— PROFESSOR CLARK

This course is offered for those who desire further practice in writing and do not care to elect the more specialized courses. The object of the course is to develop in the student an accurate, effective prose style.

Prerequisite, English 1. First semester, two hours a week, two credits.

7. **The Essay (Advanced Course).**— PROFESSOR CLARK

The aim of this course is to assist the student to find his own particular viewpoint and his own philosophy of life, and to encourage him to express it in some form of writing. A few masterpieces of literature are studied as interpretations of life with especial attention to their message to the present age. Some writing from models and much original writing will be demanded of the students.

Prerequisite, course 1. Second semester, three hours a week, three credits. Alternate for course 3.

8. **Argumentation and Debate.**— PROFESSOR CLARK

A study and analysis of great debates by Calhoun, Webster, Lincoln and others. Abundance of practice is given in drawing up of briefs and in actual debating.

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

9. **Extemporaneous Speaking.**— PROFESSOR CLARK

The object of this course is the development of a natural, direct and effective manner of speaking. Weekly extemporaneous speeches, thoroly outlined, are required of the class and also one long written address suitable for public presentation.

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

10. **Seminar in Debating and Oratory.**— PROFESSOR CLARK

Open to those who represent the college in intercollegiate debates and in the state oratorical contest.

One semester, two hours a week, two credits.

Students interested in debate and oratory will find it helpful to take Mental Science 2 (Logic) and courses in Expression and Economics.

- 11. Teachers' Course.—** PROFESSOR CLARK
 This course is designed to prepare students to teach English in secondary schools. The work consists of lectures, reports and actual practice teaching.
 2nd. First semester, two hours recitation, two hours practice work, three credits.

II. English Language and Literature

PROFESSOR JOHNSON

- 22. American Literature.—** PROFESSOR JOHNSON
 Lectures and critical reading of selected authors; themes on assigned reading.
 Prerequisite, course 1. One year, three hours a week, six credits.
 Not offered 1916-1917.
- 23. Old English.—** PROFESSOR JOHNSON
 A study of the language, and reading of selections from the Old English Chronicle, King Alfred, Aelfric and the simpler poetry; Beowulf.
 Prerequisite, course 1. One year, three hours a week, six credits.
- 24. English Literature.—** PROFESSOR 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, course 1. One year, three hours a week, six credits.
 Not offered 1916-1917.
- 25. English Literature.—**
 Shakespeare and Milton.
 One year, three hours a week, six credits.
- 26. The Drama in England.—** PROFESSOR JOHNSON
 Special attention will be given to the writings of the minor dramatists of the Elizabethan period. While the course deals chiefly with the English drama, attention will be given to other literatures.
 Prerequisite, courses 1, 24 and 25. One year, three hours a week, six credits.
- 27. History of Literary Criticism.—** PROFESSOR JOHNSON
 A study of the principles governing literary composition.
 Prerequisite, courses 1 and 24. First semester, three hours a week, three credits.
- 28. Browning and Tennyson.—** PROFESSOR JOHNSON
 A comparative study.
 Prerequisite, courses 1, 24 and 27. Second semester, three hours a week, three credits.

- 29. The English Novel.**— PROFESSOR JOHNSON
 Its rise and development.
 Prerequisite, courses 1 and 24. One year, three hours a week, six credits. Alternate for course 26. Not offered 1916-1917.
 Any of the above courses may be elected by the semester.

III. Expression

ADJUNCT PROFESSOR WHITRIDGE

- A. Elocution and Voice Training.**—
 1. Theory. The principles underlying the art of expression and literary interpretation.
 2. Practice. Deep breathing. Correction of voice faults and mannerisms. Factors of expression. Analysis and interpretation of the classics. Reading and speaking.
 One year, three hours a week, four credits.
- B. Literary and Dramatic Interpretation.**—
 Pantomime. Adaptation of the short story and play for platform work. Story telling. Scenes and original presentations.
 Prerequisite, course A. One year, two hours a week, four credits.
- C. Shakespeare and Modern Drama.**—
 Analysis and presentation.
 Prerequisite, courses A and B. One year, two hours a week, four credits.

Geology

PROFESSOR ALEXANDER

A general course in dynamic, structural and historical geology. In connection with and as a part of structural geology a short lecture course is given in mineralogy to familiarize the student with the elementary principles of the subject. Le Conte's Elements is made the basis of the year's work, and in addition to the lectures and laboratory work each student is required to do a certain amount of field work and to make an identified collection of the most important rocks and fossils of this locality. An elementary course in chemistry is required.

One year, three hours a week, six credits.

Greek

PROFESSOR HALL

Course 1a is not counted toward a major or minor.

- 1a. 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, ten credits.

2. 1st. Sem. Mineralogy
 3. 2nd " Fossil Biol.

1. Xenophon or Lucian.—

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.

First semester, four hours a week, four credits.

2. Homer or Herodotus.—

The Iliad, Books I-IV in literary and grammatical study; or Herodotus, stories, and selections from Book VII, with a careful consideration of accident and syntax, of the Ionic dialect.

Second semester, four hours a week, four credits.

3. Athenian Orators.—

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

Prerequisite, course 2a. First semester, three hours a week, three credits.

4. Plato.—

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

Prerequisite, course 2a. Second semester, three hours a week, three credits.

5. The Drama.—

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

Prerequisite, courses 1, 2, 3 and 4. First semester, three hours a week, three credits.

6. English Course in Greek Literature.—

Studies in the elegiac, lyric and dramatic poets of Greece, for students having no knowledge of Greek.

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

7. The Odyssey.—

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

Prerequisite, courses 1, 2, 3 and 4. Second semester, three hours a week, three credits.

8. Lyric Poetry.—

Selections from the elegiac and lyric poets.

Prerequisite, courses 1, 2, 3 and 4. Second semester, two hours a week, two credits.

9. 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. The aim is to master a good working vocabulary, the main characteristics of New Testament Greek and to get some practice in Greek exegesis.

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

10. Classic Mythology.—

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

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

History

PROFESSOR FUNK AND MRS. HODGMAN

Students who major in this department ordinarily will be required to take courses 1, 2, 5 and 6. Courses 1, 5 and 6 are open to freshmen. If taken by juniors or seniors they will count for only two credits a semester. Students choosing history as a minor are recommended to pursue courses 5, 6, 4 and 9. Those majoring in this department will be expected to secure at least eighteen credits in related subjects, such as economics, sociology, political science, and the history of philosophy.

1. Early European History and the

Middle Ages.—

PROFESSOR FUNK

From 31 B. C. to 1300 A. D. A suitable text-book, sources, and documents form the basis of the work, supplemented by collateral reading, and topical reports.

One year, three hours a week, six credits.

2. English Political and Constitutional

History.—

PROFESSOR FUNK

This is a study of the political and constitutional development of England from the Norman Conquest until 1815. Collateral reading and a thesis are required.

One year, three hours a week, six credits.

3. The Renaissance and the

Reformation.—

PROFESSOR FUNK

This course covers the period from 1300 to 1648. The greater part of the first semester is devoted to the Renaissance and the remainder of the year is given to the Reformation. Topical reports and a thesis are required.

One year, three hours a week, six credits.

4. **The French Revolution.**—
In this course the causes bringing about the fall of the Bourbons, the revolution proper and the Napoleonic era are studied.
First semester, three hours a week, three credits.
5. **American History.**— PROFESSOR FUNK
From the adoption of the constitution to 1850.
First semester, three hours a week, three credits.
6. **American History.**— PROFESSOR FUNK
From 1850 to the present time.
Second semester, three hours a week, three credits.
7. **American Colonial History.**— PROFESSOR FUNK
Beginning with the earliest settlements in the colonies this course aims to trace the development of those institutions and forces which led to American independence. It also includes a study of the making of the constitution and its adoption.
First semester, three hours a week, three credits. Not offered 1916-1917.
8. **The Westward Movement.**— PROFESSOR FUNK
This is a study of the westward extension of the United States and of the economic and political development resulting from this expansion.
Prerequisite, course 7, or courses 5 and 6. One year, three hours a week, six credits. Not offered 1915-1916.
9. **Modern European History.**— PROFESSOR FUNK
From 1815 to the present time. Special attention is devoted to the establishment of constitutional governments and the industrial evolution of this period.
Second semester, three hours a week, three credits.
10. **History of Rome.**—
A systematic study of the social and political development of the Roman nation and the causes of its downfall. Course will consist of text-book work, collateral reading and lectures. Recommended to those intending to teach Latin and History.
One year, three hours a week, six credits. Not offered 1916-1917.
11. **History of Greece.**—
A study of the political and social development of the Greek states to the time of their incorporation into the Roman Empire. Special attention will be given to the permanent influence of Greek civilization. Text-book work, reading, lectures.
One year, three hours a week, six credits. Not offered 1916-1917.

12. **History of Fine Arts.**— MRS. HODGMAN
A study of the development of architecture, sculpture and painting thru the various periods of ancient, medieval and modern art. An effort is made to familiarize the student with the great masterpieces by means of photographs, stereopticon lectures and visits to the art galleries in St. Paul and Minneapolis.
One year, one hour a week, two credits.
13. **History of American Diplomacy.**— PROFESSOR FUNK
One semester, three hours a week, three credits.

Home Making

ADJUNCT PROFESSOR WHITRIDGE

3. **The House.**—
(a) Evolution of the modern home from primitive conditions. Its object. Selection of site with regard to climate, soil, drainage and neighborhood. Location of house with regard to exposure, light and prevailing winds. Study of house plans to meet the requirements, comfort and convenience of the family for which the house is intended. Drawing of specific plans.
(b) Household Art.—
Furnishing the house from the standpoint of good taste and economy. Value of form, color, design and materials in interior decorations. Wallpapers, carpets and curtains. History of furniture. Household management.
One year, two hours a week, four credits.
4. **Social Culture.**—
The hospitality of the home. The forms and customs known and observed in community life.
Second semester, two hours a week, one credit.

Latin

ASSOCIATE PROFESSOR BURGESS

- Courses A, B and C are not counted toward a major or minor.
- A. **Beginning Latin and Nepos.**—
Two-thirds of the year are devoted to the study of declensions and conjugations, syntax and vocabulary, translation to and from the Latin, and to conversation. The last third of the year is devoted to Nepos' Lives.
One year, five hours a week, ten credits.

B. Caesar and Cicero.—

Caesar's Commentaries will be studied for the first semester, with prose composition. Cicero's Orations, the second semester.
One year, four hours a week, eight credits.

C. Cicero, Virgil, Ovid.—

Cicero's Orations and Virgil's Aeneid, first semester. Virgil and Ovid, second semester.
One year, four hours a week, eight credits.

1. Cicero, Livy, Pliny.

Cicero, *De Senectute*; Livy, selections from books I, XXI and XXII; Pliny's Letters. In this course the aim is to fix the student's knowledge of grammatical forms and syntax, and, by constant drill and prose composition, to familiarize him thoroly with fundamental principles and enlarge his vocabulary.

Prerequisite, four years' work in Latin. One year, four hours a week, eight credits.

2. Horace, Tacitus, Juvenal.—

(a) First semester:—Horace, Odes, Epodes, Satires and Epistles. A thoro knowledge of forms and syntax is pre-supposed. Much time is spent on literary content and style. A thoro study is made of the life of Horace, his literary art and prosody. Thruout the course are noted the conditions in the Roman literary world and the various phases of life and politics under the Early Empire.

(b) Second semester:—*Germania* and *Agricola* of Tacitus or some other prose work, illustrative of the language, character of thought, social and political conditions of the Silver Age. Juvenal's Satires; private life of the Romans.

Prerequisite, course 1. One year, three hours a week, six credits.

3. The Latin Drama.—

Plautus, Terence, The Senecan Tragedies. A study of representative plays with lectures and topical work on the sources and treatment of material, social conditions, the theater, actors and spectators.

First semester, three hours a week, three credits.

4. Roman Philosophy.—

(a) Lucretius and Epicurean philosophy. This course consists of the reading and interpretation of the text of Lucretius with a study of his philosophy and its sources. (b) Cicero.—

The New Academy. (c) Seneca.—Stoicism. A study of the dialogs of Seneca and a survey of Stoicism in Rome.

One year, three hours a week, six credits.

5. Letters of Cicero.—

A course for those intending to teach Latin. In addition to the translation of selections from the Letters, collateral work will be assigned to familiarize the student with the life of Cicero, social and political conditions under the Republic.

One semester, two hours a week, two credits.

6. Grammar and Composition.—

A course in advanced composition and a study of prose style and of grammatical rules and principles.

One semester, two hours a week, two credits.

7. Teachers' Course.—

This course is designed to prepare students to teach the Latin of secondary schools. A study is made of the cultural and educational value of Latin; its relation to the English language and literature and the Romance languages; its use in the terminology of the sciences, the law and other professions; Roman civilization as a basis for our own; mental training. Based on Sabin's Relation of Latin to Practical Life and Kelsey's Latin and Greek in American Education. A study of grammar, Nepos' Lives, Caesar, Cicero, Virgil and Ovid from the standpoint of the high school teacher. The place of each in the curriculum.

One year, three hours a week, six credits.

8. Roman Elegiac Poetry.—

Selections from Catullus, Tibullus, Propertius and Ovid with a study of the rise, development and characteristics of Roman elegiac poetry.

One semester, three hours a week, three credits.

9. Roman Law.—

This course consists of translation of the text of the Institutes of Justinian and a study of Morey's Outlines.

One semester, two hours a week, two credits. Prerequisite for courses 3 to 9, courses 1 and 2, or course 1 completed with a grade of A.

10. Roman Archaeology.—

This course designs to familiarize the students with the city of Rome and to enable them to feel that if placed in the audience of Cicero before the Rostra, they would be familiar with their

surroundings and could find their way about the Capital of the World. To bridge the gap between modern Rome and the ancient city, a study is made of the ruins remaining, bridges, roads, walls, fora, temples, theaters, amphitheaters, circuses, thermae, arches, tombs, sculpture. A study of the Campagna and Roman building materials. No knowledge of Latin is required.

Prerequisite, a course in Roman history. First semester, two hours a week, two credits.

Mathematics and Astronomy

PROFESSOR KINGERY

Courses 1a and 9 are not counted toward a major or minor.

1a. Solid Geometry, Algebra and Trigonometry.—

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

One year, three hours a week, six credits.

1. College Algebra.—

Graphic representation of functions, ratio and proportion, variation, theory of quadratics, progressions, series, etc.

First semester, four hours a week, four credits.

2. Trigonometry and Analytic Geometry.—

Definitions of trigonometric functions, development of formulae and their application to the solution of problems, plane and spherical. This is followed by a brief course in analytic geometry, sufficient for elementary courses in physics and astronomy.

Second semester, four hours a week, four credits.

3. Analytic Geometry.—

This is a continuation of course 2. Equations of straight lines and the principal curves and their tangents are discussed by both rectilinear and polar co-ordinates.

Prerequisite, course 2. First semester, three hours a week, three credits.

4. Differential and Integral Calculus.—

A brief study of the principles of differential calculus based on theory of limits, followed by a short course in integral calculus.

Prerequisite, course 3. Second semester, three hours a week, three credits.

5. Advanced Calculus.—

Continuation of course 4.

One year, three hours a week, six credits.

6. **Surveying.**—
Prerequisite, course 2. Second semester, three hours a week, three credits.
7. **Advanced Algebra and Geometry.**—
Intended especially for those preparing to teach.
Prerequisite, course 1. One year, three hours a week, six credits.
8. **Astronomy.**—
Text-book, lectures and practical work with sextant, transit and clock.
Prerequisite, course 2. One year, five hours a week, six credits. Not offered 1916-1917.
9. **Mechanical Drawing.**—
A course designed for those taking shop work or preparing for technical schools.
One year, four hours a week, two credits.

The Mental Sciences and Philosophy

PROFESSOR ANDERSON

1. **Psychology.**—
An introductory course covering the main features of normal human psychology:
(1) A brief introduction in experimental work, intended to accustom the student to introspective study and to give him an insight into the methods of modern psychological investigation.
(2) A survey of the more prominent aspects of the conscious life. This part opens with a synopsis of the nervous mechanism and is followed by a consideration of the sensations, perceptions, affections, memories, judgments, etc. The work is carried on by means of text-books, collateral readings, lectures, observations by the student, and experiment. Required in all courses.
Prerequisite, twenty-four credits. First semester, three hours a week, three credits.
- 1a. **Advanced Psychology.**—
A course designed to study more exhaustively certain problems suggested in course 1, in the domain of comparative, social and educational psychology. The psychology of animals, of races and of society are taken up; then the mental life of childhood and adolescence; and, finally, the bearing of the science upon education, business and professional life is studied.
Prerequisite, course 1. One year, three hours a week, six credits.

2. Logic and Scientific Method.—

This is a study of the instruments of thought and investigation and of the methods and tests of proof. Aside from the culture aspect of the study, it is of interest to the student of science, as elucidating the procedure of science; it is of interest to the student of oratory and literature, as forming the basis of all plans and methods of procedure in exposition and argumentation; it is of value to the teacher, since it furnishes the analysis of teaching methods from the content side, just as psychology does from the conscious side. In order to make this discipline as valuable as possible, logical definition and division receive attention, and their relation to literary work is shown. Much attention is given to fallacies and the analysis of fallacious reasoning. The use of hypothesis, analogy and probability, and the methods of scientific experiment and verification are explained and illustrated. Thruout extensive use is made of practical exercises in order to fix principles and develop ability to use them.

Prerequisite, twenty-four credits. One year, two hours a week, one of which is used as a laboratory hour; three credits.

3. Ethics.—

This course begins with an historical sketch of ethical theories and of the conceptions of life that have been held. Next, the psychological facts and the philosophy of ethics are investigated in order to gain an adequate basis for ethical theory. Finally, the problems of practical ethics are taken, particular consideration being given to certain of them, which are now occupying the thoughts of men. The attempt is made in this course to develop a system of thought that does justice to Christian motive and doctrine and is, at the same time, based upon a proper scientific and philosophical basis. Required in all courses:

Prerequisite, course 1. Second semester, three hours a week, three credits.

Philosophy seeks a consistent view of the world and of life; it seeks the meaning to life and reality. It is cultural in character; it would correct the one-sidedness of the mere specialist and correlate the results of general study. The four courses in philosophy which follow are arranged in two pairs offered in alternate years. The student may begin with either pair.

- 4. History of Philosophy, Ancient and Medieval.—**
Beginning with the early Greeks, this course follows the course of philosophic thought down to the period of Bruno, with the purpose of noting the development and relationships of the chief philosophical concepts. Attention is concentrated upon the leading thinkers and on the movement of thought. Collateral readings in Plato and Aristotle are required.
Prerequisite, fifty-four credits, unless by the approval of the instructor. First semester, three hours, three credits.
- 4a. History of Philosophy, Modern.—**
Continuing the preceding: from Bruno to the present time. Constant use of Rand's classical Modern Philosophers is made for collateral reading.
Prerequisite, seventy credits, unless by the approval of the instructor. Second semester, three hours, three credits.
- 5. Modern Philosophy.—**
(a) Introduction to Philosophy. The purpose is to bring before the student the chief problems of philosophy, to exhibit in outline the courses of argument by which various views are supported, and to formulate some positive views respecting the problems of the world that confront us.
(b) The latter part of the semester will be given to the study of some modern thought movement. Next year it will consist of a study of Pragmatism, as formulated by James and others.
Prerequisite, sixty credits, unless with the approval of the instructor. First semester, three hours, three credits. Not offered 1916-1917.
- 5a. Modern Philosophy (continued).—**
The course here offered will take up one or more of the most important modern systems of thought. It will be both expository and critical. Next year the work offered will be in the philosophies of Eucken and Bergson. The course will require collateral readings and comparative studies in other philosophers.
Prerequisite, course 5. Second semester, three hours a week, three credits. Not offered 1916-1917.
- 6. Advanced Logic and Scientific Method.—**
A course covering the same general ground as course 2, but much more thoroly. It consists of two parts:—
(1) Formal logic, with a closer study of logical theory and concepts, modal propositions, etc. With it will be given a brief course of lectures on genetic logic.

(2) Scientific method. A more complete study of the methods of science, including statistics, probability, etc. As a part of this course will be included a brief course of lectures on the history of science.

Collateral readings are required on the methods and aims of science as stated by distinguished men of science themselves.

Prerequisite, course 2. One year, two hours a week, four credits.

Modern Languages

PROFESSOR MENGER, MR. HALVERSON, ———.

German

PROFESSOR MENGER

- 1-2. **Elementary German.**—
Essentials of grammar, reading, conversation.
One year, five hours a week, ten credits.
3. **Intermediate German.**—
Reading of prose and the easier dramas of Schiller and Lessing.
Review of grammar; composition, conversation.
Prerequisite, courses 1-2 or two years of high school German. One year, four hours a week, eight credits.
4. **Modern Prose and Drama; Lyrics.**—
General reading course.
Prerequisite, courses 1-2 and 3 or three years of high school German.
One year, three hours, six credits.
- 5.* **Nibelungen Lied.**—
Reading of selections from the epic in a modern German translation. Lectures on the interpretation of its mythology.
One semester, three hours a week, three credits.
6. **Survey of German Literature.**—
Readings and reports.
One semester, three hours a week, three credits.
7. **Lessing.**—
A brief study of his life and works.
One semester, three hours a week, three credits.
8. **Schiller.**—
A brief study of his life and works.
One semester, three hours a week, three credits.
9. **Goethe.**—
A brief study of his life and works.
One semester, three hours a week, three credits.
10. **Goethe's Faust, first part.**—
Prerequisite, course 9. One semester, three hours a week, three credits.

11. Teachers' Course.—

Advanced syntax and composition; conversation. In the second semester one hour out of the three will be devoted to methods of teaching, text books, etc. Required of those who desire to teach German; with others, optional.

One year, three hours a week, six credits. Senior year preferred.

*Courses 5-11 are electives. Consult instructor in charge before electing. Courses 5-10, semester courses, will be announced whenever offered.

Students majoring in German and intending to teach the language should elect German throughout the four years.

French

MR. HALVERSON

1-2. Elementary French.—

Essentials of grammar, composition, conversation, reading.

Four hours a week, eight credits.

3. French Readings.—

Reading, composition, conversation.

Prerequisite, course 1-2 or two years of high school French. Three hours a week, six credits.

4. Survey of French Literature.—

This course, beginning with the Song of Roland, takes a representative work from each important period of French literature to the present day. Lectures, outside readings and reports.

Prerequisite, course 3 or an equivalent. Given in alternate years. Three hours a week, six credits.

5. French Novel.—

Lectures, outside readings and reports.

Prerequisite, course 3 or an equivalent. Three hours a week, six credits.

6. French Drama.—

Lectures, outside readings and reports.

Prerequisite, course 4 or an equivalent. Two hours a week, four credits.

7. Teachers' Course.—

French phonetics, advanced syntax, conversation and methods of teaching. Required of those who desire to teach French.

Two hours a week, four credits.

In the junior and senior years the work should be continuous.

Spanish

MR. HALVERSON

1. **Elementary Spanish.**—
Grammar, composition, conversation, reading.
Three hours a week, six credits.
2. **Spanish Readings.**—
Prerequisite, course 1 or an equivalent. Three hours a week, six credits.
Two years of Spanish are advised. Credit in Spanish may be applied on a major in Romance languages.

Physics

PROFESSOR ALEXANDER

Course 1 is not counted toward a major.

1. **Short Course.**—
This is a short course which covers the entire subject in one year. Demonstrations in connection with the lectures are substituted for a considerable amount of the individual laboratory work that is done by the student in the long course, and some of the more technical features of the subject that are not of general importance are omitted. The aim is to offer a thoro year's work in the general principles of physics to those who are taking courses which will not permit them to take the regular long course in the subject. It is recommended only to those who are taking classical or literary courses, or a two-year course in preparation for some school of medicine.
Prerequisite, Mathematics, course 2. One year, six hours a week, eight credits.
2. **Mechanics, Sound, Heat.**—
This course includes a thoro study of mechanics, sound and heat. A large part of the time is spent in laboratory work and the student's conceptions of physical laws are developed as largely as possible from observation and experiment. About forty quantitative experiments are performed by each student in the laboratory, the aim being to afford a working knowledge of modern measuring instruments of precision and to develop quantitative methods, as well as to discover and verify the laws of nature. Careful attention is given to the problem of

the errors in measurement, the student being required in each case to consider the origin of the errors and methods for their elimination and to compute the probable errors of observations and results.

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits. Not offered 1916-1917.

3. Electricity and Light.—

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

Prerequisite, Mathematics, courses 1 and 2. One year, six hours a week, eight credits.

Courses 2 and 3 together constitute what is termed the long course in physics and are designed especially to meet the needs of students taking a scientific course. These two courses together with applied mechanics 2 afford excellent preparation for teaching physics in secondary schools.

4. Advanced Physics.—

In this course a thoro study is made of some topic approved by the head of the department. The work is largely individual and experimental. The aim is to deepen rather than to broaden the student's knowledge of the subject and to cultivate a taste for research. Those who major in physics are required to take this course as a basis for their theses.

Prerequisite, course 2 or 3. First semester, four hours a week, two credits.

5. Laboratory Technic.—

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

Prerequisite, course 1, 2 or 3. Second semester, four hours a week, two credits.

Applied Mechanics

PROFESSOR ALEXANDER

The Department of Education of the State of Minnesota has approved the courses offered at Macalester in the department of applied mechanics, and has certified that students who have completed the work in that department are eligible to teach in the high schools of the state.

1. Elementary Applied Mechanics.—

This is essentially a general culture course in the applied mechanical principles. The work covers a study of the principles involved in modern methods of wood-working and the use and adjustment of wood-working tools; a study of the principles involved in working the various metals and of metal-working tools. The work in metals includes soldering, brazing, forging and the casting of brass and aluminum. For the latter work simple patterns are made in the pattern shop which, with the setting and pouring, introduces the student to the general principles underlying foundry work. The development and transmission of power, including steam and gas engines, water power, dynamos and motors is given considerable attention. The study of the mechanical principles is illustrated by practical exercises involving their application to modern methods. The object is to lead the student to an appreciation of the modern mechanical world, its methods and processes.

One year, five hours a week, six credits.

2. Manual Training, Teachers' Course.—

This course is designed for students who are preparing to teach manual training. It includes a short study of the history and development of the manual training idea in education; the development of a progressive set of exercises each one of which must be executed and submitted for criticism accompanied by a paper explaining the object of the exercise, the connection with preceding exercises and the points that will appeal to the pupils' interest and stimulate creative thought; visits to manual training and other shops in the Twin Cities.

Prerequisite, course 1 or its equivalent. One year, four hours a week, four credits.

Religious Education

Bible Training

On the John C. Martin Foundation

PROFESSORS WALLACE, MCRAE AND ANDERSON

The great importance of moral and religious training finds, in all our colleges, increasing recognition. Intellectualism alone has proved utterly inadequate for the individual, society and the nation. Knowledge and efficiency can not safely be made the ultimate aim of education. A much more vital and important consideration is, what are the ends which knowledge and efficiency must be made to serve.

In any complete system of education the spiritual nature of man and his chief end in life must be amply recognized. The best known means for the cultivation of this nature and for the discovery of this chief end is found in Christianity, in the central figure of all history—Jesus Christ.

Every educated man and woman should have, must have, a true philosophy of life and we believe that such philosophy is found in the Christian view of God and of the word as presented in the Holy Scriptures.

For the above reasons Macalester has made large provision for the religious training of her students.

Besides its required courses for all students this department offers elective and advanced courses for students wishing to prepare themselves for other forms of Christian service besides the gospel ministry.

The church, as well as the world, has entered on the era of the laity. Christianity is girding itself for the conquest of the world. Her call for leaders and workers of all sorts is louder and more engaging than ever before. The world is white unto the harvest and the reapers include not only preachers and evangelists but missionary teachers, missionary physicians, settlement workers, pastors' assistants, secretaries of Young Men's and Young Women's Christian Associations, trained Sunday school organizers, and lay workers generally.

To students training for any of these vocations the college offers special advantages. Open to them is instruction in many subjects essential to thoro preparation for any of the above

forms of Christian activity, such as languages, science, literature, philosophy, history, ethics, sociology, elocution, music.

Courses 1, first semester, and 2 are not counted toward a major or minor.

1. The Life of Christ.—

PROFESSOR WALLACE

This is studied by means of a harmony of the gospels. By way of introduction, attention is directed to the political and religious condition of the time and to the characteristics and viewpoint of the gospel writers. By discriminating discussion of the teachings of Christ and a realistic presentation of the facts and incidents of His life an effort is made to deepen personal faith in Christ as the Savior of men and to bring the student into appreciation of Jesus as the master teacher of all time.

Required of freshmen, first semester, two hours a week, two credits; elective, second semester, two hours a week, two credits.

Students who are already fairly familiar with the gospels or who for any reason prefer to do so, may, in lieu of the above, take Old Testament History. See 9.

2. The Missionary Labors of the

Apostles.—

PROFESSOR WALLACE

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

Required of sophomores, one year, one hour a week, two credits.

3. Prophets of Israel.—

PROFESSOR MCRAE

This course consists of a thoro study of the prophets, their place in the community, their functions and their messages. It is pursued inductively from the Bible text with the object of acquainting the student as fully as possible with the foreshadowings of the Christ. All the Messianic passages are carefully analyzed with reference to their historical background and in the order of their development.

One year, two hours a week, four credits.

4. **The Literary Study of the Bible.**— PROFESSOR WALLACE
This course includes a careful study of the Bible, viewed as literature. The rhetorical characteristics of the Hebrew language and the various literary forms of the Bible are closely examined. This done, various parts of the Bible best illustrating these forms and characteristics are critically studied and drawn out in their proper literary form. As sound literary criticism is based on a thoro study of the thought and thought-connections, the literary study of the Bible proves in practice a very valuable aid to interpretation. It is for this reason, especially, that it is included in the course. The text book used as a basis is Moulton's *Literary Study of the Bible*, and special study is made of the book of Job, certain of the Psalms and selections from the prophets.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

5. **The Social Teachings of the Bible.**— PROFESSOR MCRAE
This course includes a survey of the social teachings of Christ, the apostles, the prophets and the Mosaic code. The object is to form a just estimate of the social message of the Bible and to apply, as far as may be, its social principles to the solution of current social problems. It is based mainly on Josiah Strong's *Studies in Social Christianity*, supplemented by wide collateral reading in the works of Raushenbush, Peabody, Mathews, Schenck, Brace, Keble (collection of lectures) and other works that seek to interpret and apply the social message of Christianity.

Prerequisite, courses 1 and 2. One year, two hours a week, four credits.

6. **Inter-Testament History.**— PROFESSOR WALLACE
This course is intended (1) to trace the history of the Jews from Malachi to John the Baptist under the Persians, Greeks, Maccabees and Romans; (2) to trace the rise of the various Jewish sects. A knowledge of the outward political fortunes of the Jews, as well as the movement of Jewish thought in this period is of great importance for an intelligent understanding of the ministry of Christ and His apostles.

Prerequisite, courses 1 and 2. Second semester, two hours a week, two credits.

7. **Oriental History contemporary with the Old Testament.**— PROFESSOR WALLACE
This course includes (1) a study of the history and religion of Babylonia, Assyria and Egypt; (2) the relation of this

material to the explication of Old Testament history. The course is based on the histories of Winckler, Rogers, McCurdy and others.

Prerequisite, courses 1 and 2. Second semester of alternate years, two hours a week, two credits.

8. Biblical Pedagogy and

Sunday School Work.—

PROFESSOR WALLACE

This course includes: (1) a study of Jesus as a teacher—a careful consideration of the question, What made Him the Master Teacher of all time?—His mastery of the technique of educational methods as illustrated in the four Gospels; (2) methods of Bible study, teaching and of Sunday school work; (3) the influence of Christianity on the world's education. It is based mainly on the Master and His method (Griffith-Jones), Jesus as a Teacher (Hinsdale), The Making of the Teacher (Brumbaugh), Teacher Training with the Master Teacher (Beardslie), supplemented by lectures.

Second semester, two hours a week, two credits.

9. Review of Old Testament History.—

PROFESSOR WALLACE

This is offered in lieu of course 1 to college students who have had little or no opportunity of pursuing a consecutive study of Old Testament history before entering college. The history of Israel is pursued from the founding of the kingdom under Samuel till the fall of Jerusalem.

One year, two hours a week, four credits.

10. Apologetics.—

PROFESSOR McRAE

This course aims chiefly at three things.

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories: deism, pantheism, materialism and agnosticism.

Second, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day.

Third, a rapid survey of the field of comparative religions with special reference to Hinduism, Buddhism, Zoroastrianism and Confucianism.

First semester, three hours a week, three credits.

11. The Philosophy of Religion.—

PROFESSOR McRAE

This course is supplementary to the course in apologetics. It aims to exhibit and defend a philosophic conception in harmony with the Christian religion.

Prerequisite, course 12. Second semester, three hours a week, three credits.

- 12. International Lessons.**— PROFESSOR WALLACE
A course in the International Sunday School lessons. The aim of this course is to study the setting of the lesson, make careful analysis of the materials and discuss the pedagogical teaching of the lesson.

One year, one hour a week, two credits.

- 13. The History of Missions.**— PROFESSOR MCRAE
The object of this course is to study the progress of missions from the apostolic age to the present time, and its relation to the advancement of civilization. Extensive use is made of our foreign missionary library and current missionary literature.

One year, one hour a week, two credits.

Other courses for which credit is given in the Bible Training Department are:—

Greek 9, Greek Testament.

Mental Science and Philosophy 3, Ethics 4a.

History 3, The Reformation Period.

Hebrew. If there is sufficient demand for it, instruction will be given in the elements of Hebrew.

14. Life of Christ, Contin. of Course 1.

Social and Political Science

PROFESSOR DAVIS AND MISS CRIST

The aim of this department is to acquaint the student as far as possible with the whole field of social life and activity.

All the courses may be counted toward a major or minor except 1 and 11, which can only be counted toward a minor. Only three credits will be allowed for courses 1 and 11 if taken in the senior year.

A. Sociology

1. General Principles.—

Under this head are included the history, various theories and principles of the science. Important aims are to show the extent of the field, to arouse an interest in the study, and to correct methods of sociological investigation. "Outlines of Sociology" by Blackmar and Gillin will be used as a text book, but other systems will be presented and discussed.

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

2. Modern Social Problems.—

A study of the family, growth of population, the modern city, crime, poverty, etc.

Prerequisite, course 1. First semester, three hours a week, three credits.

3. History of Socialism.—

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

Prerequisite, course 1. Second semester, three hours a week, three credits.

B. Economics**11. General Principles.—**

A general survey is taken of the history, theories and generally accepted principles of the science. The latest edition of "Outlines of Economics," by Ely, will be used, supplemented by collateral studies in Adam Smith, Mill, Ricardo, Taussig, etc.

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

12. History of Economic Theory.—

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 11. First semester, three hours a week, three credits.

13. Financial History of the United States.—

An historical study of public revenues and expenditures, of public debts and of currency and banking in the United States. Special attention is paid to government reports.

Prerequisite, course 11. Second semester, three hours a week, three credits.

14. Business Organization.—

A study of the evolution and nature of business organization, particularly in the United States, and of proposed solutions for the corporation and trust problems.

Prerequisite, course 11. First semester, three hours a week, three credits. Not offered 1916-1917.

15. The Credit System.—

A study of the present forms of credit and their social and economic significance.

Prerequisite, course 11. First semester, three hours a week, three credits.

16. Elements of Bookkeeping and Accounting.— MISS CRIST

One semester, five hours a week, three credits.

C. Political Science

31. Elements of Political Science.—

The aim is to trace clearly the great and distinctive features in the governments of Europe and of the United States. Professor Gettell's "Introduction to Political Science" will be used as a basis of study.

Prerequisite, course 1. Second semester, three hours a week, three credits.

D. Legal Science

41. Roman Law.—

Morey's "Outlines of Roman Law" is used. 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.

Prerequisite, course 1. First semester, three hours a week, three credits.

42. International Law.—

A brief course in the outlines of this important subject, offered to meet the increasing interest in international questions.

Prerequisite, course 1. Second semester, three hours a week, three credits.

43. Elements of Jurisprudence.—

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 41. Second semester, three hours a week, three credits. Not offered 1916-1917.

Physical Training for Women

Theory.—

Personal Hygiene.—Short talks on the functions of the skin, the physiologic effects of water, hot and cold; bathing; care of the face; care of the hair, the hands, the feet; care of the mouth and teeth and their relation to good digestion; over-eating and intestinal indigestion; fresh air; ventilation of bed rooms; care of the ears, throat and nose; deep breathing; the foot and the shoe; dress.

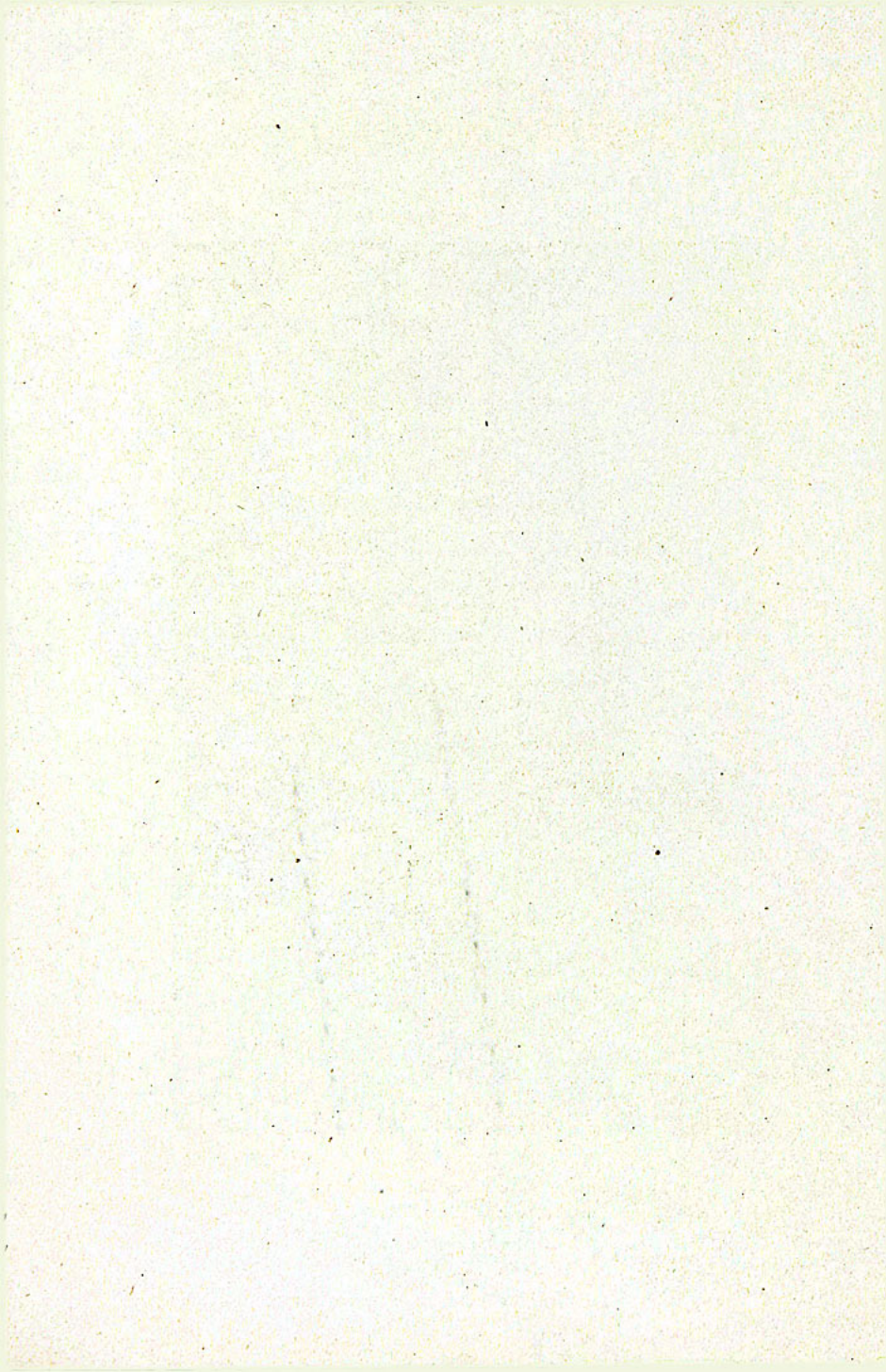
Practice.—Gymnastics:—

1. Corrective exercises.—Walking, standing and sitting. Elementary work in stall bars, Indian clubs, bar bells, and bounding balls.
2. Parallel bars, ladder and incline rope.
3. Folk dancing.

Required, freshmen, one year, two hours a week, one credit.



WALLACE HALL, WOMEN'S DORMITORY



**Macalester College
Conservatory of Music**

N. W. Phone, Midway 2656
Wallace Hall, Summit and Macalester Avenues

HARRY PHILLIPS
Director of Conservatory

MABEL R. REED
Secretary

HARRY PHILLIPS, Director*

Voice Culture.

GEORGE HERBERT FAIRCLOUGH,*

Piano, Organ, Theory.

HEINRICH HOEVEL,*

Violin, Viola.

HELEN E. BRIGGS,*

Piano, Normal

A. PEPINSKY,*

Violin, Ensemble.

ANNA D. McCLOUD*

Voice

EMILY GRACE KAY,*

Piano, Harmony.

BESSIE A. GODKIN,†

Piano.

LOUIS JACOBI,†

Assistant in Violin.

MYRTLE WEED,†

Piano.

CHARLOTTE BURLINGTON,†

Assistant in Piano.

MABEL R. REED,†

Assistant in Piano.

N. BRIGLIA,*

Flute.

LEONARDO DE LORENZO,*

Flute.

J. GRANT DENT,†

Cello.

JENNIE STANLEY HODGMAN,*

History of Fine Arts.

EMMA GREENE,†

Guitar, Banjo, Mandolin.

WALTER LIENKE,†

Cornet.

Leading instructors for all other instruments.

*American and European education.

†American education.

Conservatory of Music

This school was established to offer a thoro course in music in connection with the college work. The aim was to develop an institution according to collegiate and university standards, employing the best modern methods. The result has been very gratifying. The conservatory has passed by gradual growth to an established institution. Its graduates and former students are filling places of honor and success, many of them in professional life, while those who are occupied in business or social life are giving pleasure to those around them, by their musical attainments.

During the summer of 1913, the St. Paul College of Music was purchased and merged with the conservatory. The increasing enrollment of students indicates the appreciation of its standards, not only by its patrons, but the general public. The past year has been, by far, the most successful in the history of the conservatory. It is outgrowing its home and to accommodate its increasing patronage must, in the near future, secure more commodious quarters. Those who realize the present need, have in their vision a new music hall, fully equipped to meet the growing demands of the times and of a style of architecture beautiful in its symmetry, to typify the art for which it shall stand. May trustees, alumni, patrons, teachers and the friends of the conservatory make that vision a reality!

The Faculty

The conservatory has made for itself a prominent place in the Northwest by its ideals, the strength of its faculty and the scope and throness of its curriculum.

It is fortunate in being affiliated with a college, whose president is favorable to and desirous of a strong school of music; also in having a director thoroly conversant with all phases of musical education and capable of planning in a large way for the future. Its instructors are earnest, successful men and women of broad musicianship and general culture. Most of them have had training in Europe's most renowned conservatories with artist teachers, aside from their education under the best American musicians. The others have had splendid American training.

Advantage of Conservatory Instruction

In a conservatory the music student is given not only every advantage which instruction with a private or independent teacher can offer, but many other opportunities as well.

Class work, in such musical subjects as harmony, counterpoint, fugue, composition, analysis, form, musical history, etc., is, in most cases, far better than private instruction. The exchange of ideas and regularity of lessons quickens musical perception and activity and brings results not obtained otherwise. Lectures and recitals also aid in creating musical atmosphere, which is invaluable. The inspiration gained in such environment is as essential to those pursuing the study of music as a recreation as it is to the more serious student, who expects to enter the professional life.

Value of Combined Conservatory-College Life

The lover of music, if a college student or graduate, is a more appreciative listener than he who has simply the natural love for the art.

To the student in a conservatory closely allied with a college there are many cultural opportunities of great importance in the development of a broad musicianship; also, to the college student, the atmosphere created by the conservatory is of great value in developing the appreciation of the principles of the musically beautiful, an essential in a liberal education. Conservatory students are urged to attend the college events and the college students those of the conservatory.

Course of Study

The Conservatory of Music offers a thoro course of instruction in voice, piano, organ, violin and other stringed instruments; also a theoretical course including harmony, counterpoint, composition, musical history and analysis. In each branch of musical study a systematic course, leading to graduation, will be pursued. Time required for completion varies—the length of course depending on the pupil's ability and intelligent devotion to work.

There is a preparatory, a junior and a senior year, bounded at the beginning by strict entrance requirements and at the end by a degree of Bachelor of Music. The required studies of the preparatory year include, besides the major subject, as piano, voice, organ or violin, two hours weekly of harmony, one of history of

music, one of sight-reading, one of recital, one of chorus, five hours' study of English, German, or any subject for which the student is prepared,—studies all receiving due credits in the College. Compulsory requirements are a new feature of this preparatory year.

The junior year continues the studies begun as preparatory, working into the more advanced harmony, history, recital and chorus, and substituting for sight-reading, ensemble playing, hymn playing in college chapel for organ students, chamber music and orchestral playing for violin students, and an additional year of piano for vocal students. Normal training course is taken in this year. Students satisfactorily completing this year of work will be given a teacher's certificate if desired.

The senior year requires of all students study of appreciation of music, history of the fine arts, and the writing of a graduation thesis,—of the piano students a year of vocal and a half year of accompanying, besides advanced work in harmony and recital; of the vocal students, a third year of piano and a year of Italian, advanced work in harmony, recital and chorus; of the organ students, a third year of piano and a year of vocal, advanced work in harmony, recital and chorus; of the violin students, a third year of piano and a year of vocal, advanced harmony, recital and chorus.

New students entering for the senior year and desiring the teachers' certificate must make arrangements for the Normal course. Upon completion of the senior year, a diploma from the Conservatory of Music is awarded.

The degree of Bachelor of Music, which is given by several of the best schools, Syracuse, Northwestern and others, represents at Macalester a student's successful conclusion of a difficult course sealed by the approving stamp of the music faculty. Candidates for this degree must, in addition to the requirements of the senior year, have finished high school work in full and a year of college work, consisting of languages, physics of music and desired electives.

Aside from the regular courses, special courses to fit the needs of any pupil are planned. We urge all to select as far as possible such courses and studies as will develop a well rounded musicianship.

Those, however, not desiring to graduate or select any special course may pursue such musical studies as suit their taste.

Classification

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

Entrance.—Pupils who expect to graduate must enter at the beginning of the school year. Those not wishing to graduate may enter at any time in the year. Completion of the eighth grade is required for entrance.

Teacher's Certificate.—Teachers' certificates will be given to all pupils who have taken the Normal course and completed the junior year in full to the satisfaction of their individual teachers; along with two units of English, besides the five hours required each year in regular course.

Diploma from the School of Music.—A student, to receive a diploma, must have completed the work of the senior year in full, written a graduating thesis, given a whole or such part of a program as the director may decide upon, and taken part in the graduating program of the Conservatory of Music. Further, graduates must have completed the equivalent of eight units of the course of the high school including two units of English, in addition to the five hours required each year.

Diploma with the Degree of Bachelor of Music.—Students who wish to take this course in music must, in addition to the required five hours a year, have completed high school work in full, and must take the equivalent of one year in college work. This work in college is to be made up as follows:—English, 1; Physics of Music; German, one year; French, one year; electives. Every music pupil must thruout the course take five hours of work in college or school.

Special courses are offered those living in the city who do not wish to take the regular course.

Music as a College Elective

Music, instrumental or vocal, may be taken as an elective in the junior and senior years of college work, provided the student is sufficiently proficient to do advanced work. A minimum of six hours a week must be devoted to the study, and it will not be credited for more than two hours per week. The fitness of the student to take up this elective will be determined by examination, and the expense of the instruction must be borne by the student.

Voice Culture

In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results have been adopted. It is the policy to secure a systematic and thoro culture on the basis of the best Italian methods.

Undisciplined voices require the utmost care and attention at the very commencement of training; therefore, if the future voice is to be at all agreeable and pleasant, the preliminary work must be perfectly mastered before proceeding further.

Intermediate Year.—The method book called "Voice and Song" is a compilation of all that is best in former treatises. It sets forth in a clear, logical and uncommonly practical manner the principles of singing, and has the most satisfying directions for instruction and practice. The material in this book, with vocalises by Sieber, Concone, and the study of songs, ballads by Larsen, Grieg, Buck, Gounod and others, makes the first year's work complete.

Junior Year.—Studies in phrasing and rapid execution, German Songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, etc., also some of the lighter selections from the operas.

Senior Year.—Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi. Selections from the heavier operas and songs of the modern school. Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Every student graduating in vocal music must have at least one year of German.

Graduate Course.—Aims to develop the artistic sense to a still greater degree, according to art traditions.

Harry Phillips, Director of the Conservatory, has had charge of the vocal department for many years. His thoro education, both in this country and abroad, and his wide experience in musical matters, have established him as a prominent educator of the Twin Cities. For several years he has held positions of distinction in the musical life of St. Paul and Minneapolis churches, as soloist and director of choruses. He has filled many engagements as soloist thruout the Northwest and with the Minneapolis and St. Paul Symphony orchestras. Many of his pupils are filling important positions as choir soloists and teachers. Mr. Phillips is President of the Minnesota Teachers' Association.

Pianoforte

Individual instruction is given and the regular course calls for one hour's instruction per week, divided into two lessons of thirty minutes each. Where but one lesson a week is taken, the lesson will be forty-five minutes in length.

Preparatory.—Thoro grounding in hand, finger and arm training. Rudiments of music. Easier studies to suit capabilities of each pupil. Pupils are thoroly prepared for the entrance into the three years' course.

Intermediate.—Czerny, Velocity Studies; Bertini, Loeschorn, Heller, etc.; Bach—Little Preludes and Fugues; Sonatinas and Easy Sonatas.

Junior Year.—Czerny, Op. 740; Cramer-Bulow, Fifty Selected Studies; Heller, MacDowell, etc.; Bach—Two- or Three-Part Inventions, French Suites; Sonatas of Mozart, Haydn and Beethoven.

Senior Year.—Clementi, Tausig, Gradus ad Parassum, Czerny, Op. 740, Chopin Etudes, Kullak Octave School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven and other masters. Repertoire from classical and modern composers.

In each grade, suitable pieces will be given as the pupil is ready for them.

Postgraduate.—Advanced work. Continuation of previous year. Concertos (with second piano or orchestra accompaniments).

Geo. H. Fairclough, in charge of the piano department, has given the conservatory several years of valuable musical experience. Educated under European masters, he is thoroly equipped as an instructor of the best modern methods. The success of many of his pupils on the concert platform and as teachers gives evidence of his musicianship.

He has served as president of Minnesota Teachers' Association and also as chairman of the Examination Board of the same organization.

Violin

The violin department has become a leading feature in the musical life of all conservatories. Year by year the number of violin students is increasing. To keep pace with the demands of the time, this department of our school has been developed until today it presents exceptional advantages for the study of what is called "the most perfect musical instrument known."

The violin course is not expected to be followed strictly, nor does it claim to be complete. In the private lessons each pupil can be favored with studies which suit his or her special requirements. To secure the best results it is at times necessary to use other exercises than those mentioned. With the technical course

a selection of compositions from the whole range of violin literature up to the present time will be used. These will be chosen from the representative composers of the different periods and schools, with the intention of giving the pupils a knowledge of the individual interpretation of each kind.

Preparatory Course

Dancla Violin Method, or Hermann Violin School; Wohlfahrt, Op. 45; Kayser, Op. 36; Hermann, Op. 20, Bks. I and II; Dancla, Op. 68; Mazas, Op. 36, Bks. I and II; Dont, Leonard, Op. 40; Sevcik, Op. 8 and 9; Hermann, Op. 29, Bk. II.

Developing Course

Kreutzer, Fiorillo, Rode, Mazas, Op. 36, Bk. III; Hermann, Op. 29, Bk. III; Campagnoli, Op. 18.

Finishing Course

Gavines, Paganini, Wieniawski, Vieuxtemps, Op. 16; Sauret, Bach Sonaten.

Scales, bow and finger exercises will be used as needed to meet the requirements of the various pupils.

Students have the privilege of the tutelage of Mr. Hoevel, of Europe, and Mr. Pepinsky, both exponents of the best violin schools and eminently successful in solo, ensemble and orchestral work. The former is recognized as an authority in his profession and was chosen on account of his reputation as an instructor. The latter has made an enviable record for himself in the musical life of St. Paul.

Pipe Organ

Before beginning the study of the pipe organ the student should have had at least one year's instruction on the piano and should have a thoro knowledge of the rudiments of music. The director of the department is organist of two leading churches in St. Paul, St. John's Episcopal and Mount Zion Hebrew Temple. He is also Dean of the Minnesota Chapter of the American Guild of Organists. Many of the younger organists in St. Paul are, or have been, pupils of Mr. Fairclough.

Public School Music

Miss Kay was for four years a supervisor of public school music and is thoroly conversant with the most approved methods now in use. She is an enthusiastic instructor, with a love for her work in preparing her students for their chosen field of teaching.

One of the greatest inducements offered is the chance to visit different schools, and there get an idea of the practical side of the work as given in all the grades of the St. Paul and Minneapolis schools.

There is a steady and constantly increasing growth in the demand for competent men and women thoroly equipped for the teaching and supervising of music in public and private schools. There is, however, a corresponding advance in the preparation required, and it is no longer possible for one, however musical, to do satisfactory work without special training along well defined and systematic lines. This training is not only essential, but is demanded by superintendents and boards of education when employing teachers of public school music.

All students in public school music who are preparing to teach this branch will be required to take an examination in voice in order to receive a certificate, given by the Music Teachers' Association of Minnesota in their new plan of examining and classifying teachers according to their fitness for such work. School superintendents will require such certificates from all applicants.

The study of voice will be required of pupils in public school music to meet this demand.

Sight Reading

All pupils of vocal music must have at least one year of sight reading before receiving either a teacher's certificate or diploma. The cost of these lessons will be nominal. It is impossible to sing correctly and effectively at all times without an exact and practical knowledge of music and its notations. Miss Kay has charge of this class.

Normal Training Course for Piano Teachers

The demand of the times is for musicians equipped not only technically, but also in the art of imparting instruction. The normal course is designed to meet such demands and to give young teachers valuable assurance.

Miss Briggs has been in charge of the musical affairs of several of Minnesota's well known schools. This experience in connection with college, conservatory and private school musical work, also that gleaned from several years of successful private teaching in Colorado and Minnesota, make her work authoritative, especially to those desiring to learn how to impart their knowledge to others.

Normal Courses for Voice and Violin

These courses cover one year. The object is to show students how to impart their knowledge to others. Those who expect to teach will find the lessons invaluable.

Theory

The importance of exhaustive and thoro work in the various theoretical studies cannot be too strongly emphasized. A rudimentary or fundamental course should precede ear training, sight singing, harmony, analysis, counterpoint (simple and double), canon and fugue (the supreme contrapuntal forms), orchestration and composition.

Ensemble Classes

The study of chamber music is a very important one to the advanced student of any instrument. The impetus to more thoro practice, mental activity, development of rhythm and color, and an insight into this particularly rich field of musical text, is of untold value. Both classic and modern music is studied. Students who come mainly for the study of piano, violin or any other instrument should, if possible, arrange for some work in this line.

Conducting

Students of required age and having adequate musicianship can make arrangements for this course.

Church Music

A course in church music is given if desired to advanced students.

Ensemble Piano Classes

For the development of correct time, rhythm, knowledge of text, etc., these classes are invaluable. All piano students should arrange for this interesting work with the director.

Art of Accompanying

Students having the required technic and musicianship are advised to avail themselves of the valuable opportunities presented in this course. The ability to play an artistic accompaniment is a valuable asset to any musician, whether in the social or professional world.

Special Corrective Lessons

Pupils having poor interpretation, time, fingering, phrasing, rhythm, etc., should arrange for corrective course. This may be taken from the teacher with whom they are pursuing their musical studies or from a special teacher.

Travel Classes

Travel classes for music students provide interesting study. Musical trips will be taken, mentally, to the homes and haunts of famous musicians. Illustrated talks will be a part of the work. The expense will not be great. This work will be in charge of Miss Briggs, and is a new feature in conservatory life.

History of Music

In the study of the history of music, which is obligatory to all music pupils, Mathews' Popular History of Music and Fillmore's Lessons in Musical History are used. Students also have access to all of the best and most complete works bearing on the study of the voice and piano.

Appreciation of Music

This class gives an opportunity for careful analysis of different forms and special works of music, bringing the student into close touch with the best in musical literature.

From time to time selections from the best composers are rendered by the students. Miss Kay presents both this subject and that of history of music in a very interesting, thoro manner.

Ear Training

Ear training may be taken at any time during the course. Pupils should begin this study as early as possible in their musical course, as it develops tone and harmonic thought, so essential to sound musicianship. It distinguishes the musician from the mere performer. Students are trained to write in correct notation, tones, intervals, chords, musical phrases, etc., which are played or sung to them.

History of Fine Arts

The study of the allied arts is of great cultural advantage to the musician in the development of artistic tastes. Instruction in the way of weekly illustrated lectures is given by Mrs. Hodgman. Books of reference such as Luebke's History of Art,

Marquand and Frothingham's History of Sculpture, Hamlin's History of Architecture, Van Dyke's History of Painting, and Apollo by Reinach are used. Visits to the T. B. Walker and other art galleries are made during the year.

Student Recitals

These opportunities for public performance are helpful in overcoming natural diffidence and nervousness, and in giving that confidence and poise so necessary to the successful player and singer.

Pupils also gain an ever-increasing knowledge of musical text, aside from that with which they come in contact in their own study. The instructors allow only such students as have reached a certain degree of proficiency to appear in recital.

Pupils who absent themselves from the frequent recitals given by the faculty and students will find that their credits will be affected.

Community Music

Social center programs were given at Mechanic Arts High School, Mounds Park, Douglas and Hancock grade schools by the students during the past winter. Instruction in voice and ear training was also given by one of the conservatory normal students at the Schubert Club Settlement Music School, located in the Neighborhood House, West St. Paul. Students of the conservatory have also appeared as soloists and members of quartets and choruses in some of the prominent churches of the city.

Musical Organizations

Choral Society.—Each year a chorus under the direction of Mr. Phillips is formed for the purpose of studying some sacred cantata or oratorio, which, after thoro preparation, is given in the Westminster Presbyterian Church, Minneapolis, and the House of Hope Presbyterian Church, St. Paul. Haydn's "Creation" was given last year. The benefit of such work is of untold value to everyone, whether music student or not, and is open to all students who have good voices and wish to become members. The charge will be two dollars per year. The social feature is the annual picnic.

Orchestra.—A college orchestra, composed of students under the leadership of A. Pepinsky, an experienced musician in college musical life, is open to all students at a nominal fee of one dollar a year.

The orchestra is composed of those students who play orchestral instruments and covet the pleasure and benefits of orchestra experience. They meet once each week for rehearsal and are frequently called upon to furnish music on public occasions. A good class of music, reflecting in a measure the tastes and spirit of the performers, is studied, due attention being paid to the technical details necessary as a basis for an adequate musical interpretation. Thus the work is systematic and progressive, aiming, as it does, to instruct as well as entertain.

Euterpean Society.—A conservatory organization which brings the pupils together for social and musical recreation. Its object is to create good fellowship and musical development. The programs are varied and interesting. Students receive admission into this society by invitation. The dues are fifty cents per semester.

Women's and Men's Glee Clubs.—Under the leadership of Mr. Harry Phillips and Mr. Virgil Guthrie, these organizations have been an interesting feature of the musical activities of the year. Thru their unique programs, presented not only in the Twin Cities but in many towns throughout the state, they have been the means of acquainting the general public to a greater extent with Macalester College and its musical life.

Course in Music

Preparatory Year

PIANO		Hrs.	Cred.	VOCAL		Hrs.	Cred.
Piano 1st and 2d.....	2	2		Vocal.....	2	2	
Harmony.....	2	2		Harmony.....	2	2	
General History.....	1	1		General History.....	1	1	
Sight Reading.....	1	1/2		Sight Reading.....	1	1/2	
Chorus.....	1	1/2		Chorus.....	1	1/2	
Recital.....	1	1/2		Recital.....	1	1/2	
English, German or any other subject for which they are pre- pared.				English, German. Elect German if less than two years.			
ORGAN		Hrs.	Cred.	VIOLIN		Hrs.	Cred.
Organ.....	2	2		Violin.....	2	2	
Harmony.....	2	2		Harmony.....	2	2	
General History.....	1	1		General History.....	1	1	
Sight Reading.....	1	1/2		Sight Reading.....	1	1/2	
Chorus.....	1	1/2		Chorus.....	1	1/2	
Piano.....	1	1		Piano.....	1	1	
Recital.....	1	1/2		Recital.....	1	1/2	
English, German or any subject for which pre- pared.				English, German or any subject for which pre- pared.			

Junior Year

PIANO		Hrs.	Cred.	VOCAL		Hrs.	Cred.
Piano.....	2	2		Vocal.....	2	2	
Harmony 1st Sem.....	2	2		Harmony 1st Sem.....	2	2	
Theory 2d Sem.....				Theory 2d Sem.....			
History of Music.....	1	1		History of Music.....	1	1	
Normal Piano.....	1	1		Normal Voice.....	1	1	
Recital.....	1	1/2		Recital.....	1	1/2	
Chorus.....	1	1/2		Chorus.....	1	1/2	
Ensemble Playing.....	1	1/2		Piano.....	1	1	
German, French or any subject for which pre- pared.				German, French or any subject for which pre- pared.			
ORGAN		Hrs.	Cred.	VIOLIN		Hrs.	Cred.
Organ.....	2	2		Violin.....	2	2	
Theory.....	2	2		Theory.....	2	2	
History of Music.....	1	1		History of Music.....	1	1	
Recital.....	1	1/2		Normal Violin.....	1	1	
Piano.....	1	1		Recital.....	1	1/2	
Chorus.....	1	1/2		Piano.....	1	1	
Chapel Playing.....	1	1/2		Chorus.....	1	1/2	
German, French or any subject for which pre- pared.				Chamber Music.....	1	1/2	
				French.			

Senior Year

PIANO			VOCAL		
Hrs.	Cred.		Hrs.	Cred.	
Piano.....	2		Vocal.....	2	
Vocal.....	1		Piano.....	1	
Theory.....	2		Theory.....	2	
Recital.....	1	1/2	Recital.....	1	1/2
Ensemble Playing.....	1	1/2	Chorus.....	1	1/2
Appreciation.....	1	1/2	Appreciation.....	1	1/2
History of Fine Arts...1	1		History of Fine Arts...1	1	
Chorus.....	1	1/2	Italian.....		
Graduating Thesis.			Graduating Thesis.		
ORGAN			VIOLIN		
Hrs.	Cred.		Hrs.	Cred.	
Organ.....	2		Violin.....	2	
Piano.....	1		Piano.....	1	
Vocal.....	1		Vocal.....	1	
Recital.....	1	1/2	Recital.....	1	1/2
Chorus.....	1	1/2	Chorus.....	1	1/2
Appreciation.....	1	1/2	Appreciation.....	1	1/2
History of Fine Arts...1	1		History of Fine Arts...1	1	
Theory.....	2		Theory.....	2	
Graduating Thesis.			Graduating Thesis.		

In the college eight credits will be allowed toward graduation. These credits are on the basis of one-hour periods.

Terms for Instruction

Per Semester

Tuition prices vary with the grade and the teacher.

Voice.....	\$100.00 to \$30.00
Piano.....	63.00 to 22.00
Pipe Organ.....	72.00 to 45.00
Violin.....	72.00 to 20.00
Ensemble.....	25.00
Harmony.....	18.00
Public School Music.....	30.00
Normal Training.....	40.00
Sight Reading.....	4.50
Piano Practice, per hour.....	4.00
Organ Practice, per hour.....	12.00
Incidental Fee.....	.50
Cost of Graduation.....	10.00

College fees for conservatory students taking college work are paid at the beginning of each semester before completion of registration and strictly in advance, as follows:—

Tuition (five to eight hours per week)..... \$15.00

Arrangements made for instruction on all orchestral instruments.
Special arrangements for guitar, banjo and mandolin lessons.
Ensemble piano class instruction.

Courses in accompanying and conducting.

Corrective lessons, church music, etc., arranged for at office.

Students and student-teachers prepared for state music teachers' examinations.

The cost of sheet music for a year is comparatively small, as reduced rates are given the students.

History of music, Appreciation, Ear training and History of Fine Arts are free advantages.

Discount will be allowed on tuition bills for two or more studies paid a year in advance.

Punctuality at lessons is required. If attendance at any lesson is impossible, notice should be given at the office.

Reports will be issued at the end of each term.

Students desiring to perform at any public event not connected with the conservatory should confer with the director.

Diplomas will not be given to students who have been in attendance at the conservatory for less than a school year.

Lessons falling on legal and special college holidays will not be made up except in special cases.

Any cause of dissatisfaction should be promptly reported to the office, where it will receive attention.

Deficiency in any class work can be made up by private lessons, arrangements for same to be made with director.

State music teachers' examinations must be taken by all pupils who wish to graduate in vocal, piano, violin, pipe organ or public school music. These examinations will be given the last week in May of each year. In preparation for these examinations quizzes are given semi-monthly.

Honorary Degrees

Conferred by Macalester College

No honorary degrees were given by Macalester College before 1901.

- 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. . . . Indianapolis, Ind.
 LL. D. to Hon. Thomas Wilson. Deceased
- 1903: D. D. to Rev. Joseph Cochran, Macalester, '89.
 Philadelphia, Pa.
- 1904: D. D. to Rev. Stanley B. Roberts. . . . Minneapolis, Minn.
 M. A. to Myron A. Clark, Macalester, '90.
 Rio de Janeiro, Brazil
- 1905: D. D. to Rev. Charles F. Hubbard. Auburn, N. Y.
- 1906: D. D. to Rev. Donald D. McKay. Tacoma, Wash.
- 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. Ashland, Wis.
 D. D. to Rev. William Porter Lee, Macalester, '89.
 Germantown, Pa.
 D. D. to Rev. Harry Clinton Schuler, Macalester, '95.
 Resht, Persia
 D. D. to Rev. John Hansen Sellie, Macalester, '95.
 Buffalo, Minn.
- 1911: D. D. to Rev. Charles Allen Clark, Macalester, '99.
 Seoul, Korea
 LL. D. to Rev. Albert Brainerd Marshall, D. D.
 Omaha, Neb.
 LL. D. to Rev. George Livingstone Robinson, Ph. D., D. D.
 Chicago, Ill.
- 1914: D. D. to Rev. George Ewing Davies. . Salt Lake City, Utah
 D. D. to Rev. Joseph Carle Robinson.
 White Bear Lake, Minn.
 LL. D. to Hon. James Jerome Hill. St. Paul, Minn.
- 1915; Litt. D. to Rev. John Wright. St. Paul, Minn.
 D. D. to Rev. William C. Laube '01. Dubuque, Ia.

Alumni

Alumni Association

It will be esteemed a favor if each alumnus who changes his residence will notify the President of his new address. Information from any source that will assist in keeping this roll complete will be appreciated.

The Alumni Association of Macalester College has two purposes in view: to bind into a unit the graduate body and help to preserve and increase the value of the friendships formed in College, and to further the interests of the Alma Mater and make her more widely known. Communications to the Alumni Association should be sent to the college.

Officers

W. M. Hobart.....	President
H. D. Funk.....	Vice-President
Mrs. W. H. Kindy.....	Secretary
Isabelle Elmer.....	Treasurer

Roll of Alumni

Class of 1889

George Washington Achard.....	Business, Minneapolis, Minn.
Joseph Wilson Cochran.....	Minister, Philadelphia, Pa.
Ulysses Grant Evans.....	Minister, Sweetwater, Ill.
James Chase Hambleton.....	Teacher, Columbus, Ohio
Benjamin Wallace Irvin.....	Deceased
Samuel M. Kirkwood.....	Surgeon, Absarokee, Mont.
William Porter Lee.....	Minister, Germantown, Pa.
Paul Erskine McCurdy.....	Business, Philadelphia, Pa.
Louis Ferdinand Slagle.....	Deceased
Charles Albert Winter.....	Deceased

Class of 1890

Myron A. Clark National Sec. Y. M. C. A., Coimbra, Portugal
 Thaddeus T. Cresswell Minister, Pomona, Cal.
 John Knox Hall Missionary, Denver, Colo.
 William Henry Humphrey Deceased
 William Paul Kirkwood Professor, U. of M., St. Paul, Minn.
 Amos Avery Randall Deceased
 Judson L. Underwood Missionary, Ashland, Kan.

Class of 1891

Frank Brown Principal, Chicago, Ill.
 Walter F. Finch Minister, Minneapolis, Minn.
 Walfred Sunberg Deceased
 William B. Turner Business, Boston, Mass.
 Thomas C. Williamson Business, Greenwood, S. D.

Class of 1893

James Carlisle Simonton Business, Minneapolis, Minn.
 Joseph Zoll Address unknown.

Class of 1894

Francis W. Beidler Minister, Blanca, Colo.
 Archibald Cardle Minister, Burlington, Iowa.
 Paul A. Ewert Attorney, Joplin, Mo.
 George E. Johnson Business, Sayre, Okla.
 Samuel M. Marsh Minister, Brown's Valley, Minn.
 William H. Sinclair Minister, Clarksville, Iowa

Class of 1895

Frank E. Balcome Physician, St. Paul, Minn.
 John W. Christianson Minister, Veblin, S. D.
 Thomas Fitz-Morris Clark Deceased
 Charles D. Darling Minister, Roswell, N. M.
 Edwin Howard Gordon Deceased
 Harry Clinton Schuler Missionary, Resht, Persia
 John Hansen Sellie Minister, Buffalo, Minn.
 Arthur Whitney Vance City Editor, Daily News, St. Paul, Minn.

Class of 1896

Alexander Edward Cance, Prof., Mass. Agr. College, Amherst, Mass.
 Moses M. Maxwell Deceased.
 Samuel F. Sharp Minister, Exeter, Ontario, Can.

Class of 1897

Albert Ernest Evans.....	Minister, Sunset, Wash.
Charles W. Hansen.....	Deceased
Ernest Charles Henke.....	Minister, Baraboo, Wis.
George Leck.....	Deceased
John McLearn, Professor, State School of Mines, Rapid City, S. D.	
Winifred Moore-Mace.....	Racine, Wis.
Arthur A. Palmer.....	Minister, Newberg, Ore.
Charles Petran.....	Missionary, Mexico City, Mexico
Louis B. Sherwin.....	Minister, Two Harbors, Minn.
William K. Sherwin.....	Teacher, Barnum, Minn.
Arthur G. Welbon.....	Missionary, Andong, Korea

Class of 1898

Clarence Dwight Baker.....	Deceased
Charles Warren Dade.....	Business, Rugby, N. D.
Anna Moore Dickson.....	Teacher, St. Paul, Minn.
Caspar Gregory Dickson...	Clerk National Library, Washington
Nellie M. Flanders-Sherwin.....	Barnum, Minn.
John M. Guise.....	Principal of School, St. Paul, Minn.
Carlton Leslie Koons.....	Minister, Ashland, Wis.
Robert C. Mitchell.....	Minister, Estherville, Iowa
William James Mitchell.....	Minister, Grandview, Wash.
David Walter Morgan.....	Minister, Nioto, Ill.

Class of 1899

Hugh S. Alexander..	Professor, Macalester College, St. Paul, Minn.
Walter Baker Augur.....	Minister, Jasper, Minn.
Charles Allen Clark.....	Missionary, Seoul, Korea
Ralph Elmo Clark.....	Teacher, Calgary, Alberta, Can.
Paul Doeltz.....	Missionary, Iloilo, Philippine Islands
George C. Edson.....	Minister, Hasbrouck Heights, N. J.
Thomas George Jamieson.....	Business, Calgary, Can.
Almira F. Lewis.....	Denver, Colo.
Robert Morris Lutz.....	Business, San Francisco, Cal.
James Murray.....	Minister, Othello, Wash.
Samuel Merton Pinney...	Superintendent, Dodge Center, Minn.
Jacob Elmer Smits.....	Deceased
George Stanley.....	Minister, Bloomington, Minn.
Murray Alberton Travis.....	Minister, Collegeport, Texas

Class of 1900

John Calvin Abels	Business, St. Paul
Miles Strong Grimes	Minister, White Salmon, Wash.
Ralph Emerson Herron	Business, Tucson, Ariz.
John Robert Landsborough	Minister, Oregon City, Ore.
Ernest A. Oldenburg	Minister, Hastings, Minn.
Mathilde Pederson-Romunstaad	Deceased
Irving David Roach	Business, Azusa, Cal.
William James Sharp	Minister, Ellensburg, Wash.
Roy Walker Smits	Deceased
David A. Thompson	Minister, Olympia, Wash.

Class of 1901

William Beckering	Minister, Oostberg, Wis.
Louis Benes	Minister, Waupun, Wis.
Henry Roy Bitzing	Lawyer, Mandan, N. D.
Percy Porter Brush	Lawyer, Kelso, Wash.
Charles Morrow Farney	Business, St. Paul, Minn.
Henry D. Funk	Professor, Macalester College, St. Paul, Minn.
Nathaniel E. Hoy	Meadow, S. D.
Lewis Hughes	Teacher, Ottawa, Minn.
Richard U. Jones	Professor, Macalester College, St. Paul, Minn.
William C. Laube	Professor, Presb. Sem., Dubuque, Iowa
Millicent V. Mahlum-Kelts	Newton, Kan.
William H. Travis	
Pres. Gulf Coast University of Industrial Arts,	Collegeport, Tex.
Lily Bell Watson	Macomb, Ill.

Class of 1902

Frederick Brown	Deceased
Robert L. Davidson	Teacher, Kent, Wash.
Sarah A. Haines	Seattle, Wash.
Grace Iddings-Fletcher	Grand Forks, N. D.
Leonard L. Mann	Minister, Ipswich, S. D.
Francis H. Newton	Minister, Creston, Wash.
Winifred R. Pringle-Weber	Coeur d'Alene, Idaho
Edgar E. Sharp	Lawyer, Moorhead, Minn.
Benjamin Bruce Wallace	Instructor, N. W. University, Evanston, Ill.
Helen Margaret Wallace-Davies	Chicago, Ill.

Class of 1903

- John Morton Davies.....Minister, Chicago, Ill.
 Bessie Shepherd Doig-Jacobson.....Knoxville, Iowa
 Julia Anita Elmer.....Teacher, St. Paul, Minn.
 Peter Erickson.....Minister, Minot, N. D.
 Ebenezer Thomas Ferry.....Minister, Fergus Falls, Minn.
 Emma Inez Godward-Davies.....St. Paul, Neb.
 Robert McMaster Hood.....Minister, Manteca, Cal.
 Peter Westin Jacobson.....Minister, Knoxville, Iowa
 Raymond Lewis Kilpatrick.....Engineer, Sulzer, Alaska
 Donald Norman MacRae.....Minister, Mitchell, Ont.
 Henry Morgan.....St. Paul, Minn.
 Joseph E. Rankin.....Minister, Long Lake, Minn.
 Mary J. Rankin.....Missionary Teacher, Sneedville, Tenn.
 Max M. Wiles.....Minister, Virginia, Ill.
 William H. Weber.....Business, Coeur d'Alene, Idaho

Class of 1904

- Grace Ivanore Chapin-Sharp.....Moorhead, Minn.
 Peter Arthur Davies.....Minister, St. Paul, Neb.
 Thomas Hunter Dickson.....Physician, St. Paul, Minn.
 Margaret Evans-Detweiler.....Ponce, Porto Rico
 William Horatio Kendall.....Minister, Farmington, Ill.
 Alfred Edward Koenig...Instructor, U. of Wis., Madison, Wis.
 William Oliver Rothney.....Inspector of Schools, Quebec, Can.
 Henry John Voskuil.....Missionary, Amoy, China
 Tolbert Watson.....Physician, Albany, Minn.
 Mabel Wicker.....Teacher, Rush City, Minn.

Class of 1905

- John Thomas Anderson.....Minister, Reading, Minn.
 Earl Kenneth Bitzing.....Editor, Mandan, N. D.
 Eugene Erwin Bromley.....Minister, Cosmopolis, Wash.
 Isabelle Allison Elmer.....St. Paul, Minn.
 Asa John Ferry.....Minister, Philadelphia, Pa.
 Thomas Edwin Flinn.....Physician, Redwood Falls, Minn.
 Ledru Otway Geib.....Physician, Detroit, Mich.
 Mary Carnahan Guy-Shellman...Missionary, Pitsanuloke, Siam
 Marie Grace Jamieson-Smith.....Lewisville, Ind.
 Daniel Griffin Le Fever.....Business, Minneapolis, Minn.
 James Albert Slack.....Minister, Powell, Wyo.
 Robert Owens Thomas.....Chicago, Ill.
 Jane Turnbull.....Teacher, Hutchinson, Minn.

Class of 1906

Levi H. Beeler.....	Winthrop College, Rock Hill, S. C.
James Ekin Detweiler.....	Missionary, Yamada, Japan
James Hamilton.....	Minister, Hebron, Neb.
Roscoe Cliver Higbee.....	Principal of School, St. Paul, Minn.
Alexander Hood.....	Missionary, North Fork, Cal.
Albert Kuhn.....	Professor, Presby. Sem., Dubuque, Iowa
Paul H. Th. Rusterholz.....	Graduate student, Chicago, Ill.
Ruth Estelle Swasey-Rusterholz.....	Chicago, Ill.
Gordon Graham Thompson.....	Physician, Seattle, Wash.
Frank Harvey Throop.....	Missionary, Soo Chow, China
Margaret Turnbull.....	Principal, Watertown, S. D.

Class of 1907

William Harvey Amos.....	Minister, Ida Grove, Iowa
James Albert Caldwell.....	Principal, Tower City, N. D.
Robert W. Davies.....	Superintendent, Morris, Minn.
Josephine Elmer-Ballou.....	Rochester, Minn.
Marshall Gregory Findley.....	Graduate student, Princeton, N. J.
Richard David Hughes.....	Minister, Chicago, Ill.
Martha Antoinette Jacobson-Maitrejean.....	St. Paul, Minn.
Henrietta Cecelia Lundstrom.....	Teacher, Morris, Minn.
Rose Amelia Metzger-Nutt.....	Sidney, Mont.
David McMartin.....	Minister, Leadville, Colo.
Rhoda Catherine MacKenzie.....	Nurse, San Francisco, Cal.
Richard Samuel Nutt.....	Bank Cashier, Sidney, Mont.
Ole Johnson Oie.....	President Theo. School, Christiania, Norway
William Fred Pottsmith.....	Minister, Ellsworth, Wash.
Mary Pauline Payne-Healy.....	Mapleton, Minn.
Minerva Schlichting.....	Deceased
Ruth Adelia Sherrill.....	Teacher, Blue Earth, Minn.
Mary Helen Smith-Jones.....	St. Paul, Minn.
George Hill Smith.....	Business, Excelsior, Minn.

Class of 1908

George Kemp Aiken.....	Editor, Roslyn, Wash.
Hanna Sophia Berg.....	Teacher, Rush City, Minn.
Ralph Brinks.....	Buffalo, N. D.
Richard Stanley Brown.....	Minister, Fairgrove, Mich.
Edith Frederica Cale.....	Deceased
Clifford Clement Cornwell.....	Minister, Sherman, N. Y.

Evan Milton Evans.....	Middle River, Minn.
Rosella Evans-Griffith.....	Ottawa, Minn.
James Todd Guy.....	Lawyer, Milwaukee, Wis.
Mary Elizabeth Guy-Wallace.....	Zumbrota, Minn.
Walter Mell Hobart.....	Business, Minneapolis, Minn.
Lucy Ma Belle Hyslop-Flinn.....	Redwood Falls, Minn.
Nina Foy Johnson-Wallace.....	Harrison, Ark.
Margaret Edith Lakey-McDonald.....	Walhalla, N. D.
Peter McEwen.....	Minister, Earl Park, Ind.
Luke Edward Marvin.....	Duluth, Minn.
Martha Bessy Olson-Bromley.....	Cosmopolis, Wash.
Stanley Hall Roberts.....	Minister, Britton, S. D.
Lydia Anna Schroedel-Hobart.....	Minneapolis, Minn.
Clarence Mason Stearns.....	Business, St. Paul, Minn.
Robert Sinclair Wallace.....	U. S. Forest Service, Harrison, Ark.

Class of 1909

Emma Bertelle Barker-Marvin.....	Duluth, Minn.
Lucas H. Brinks.....	Superintendent, Elbow Lake, Minn.
Albert Daniel Davies.....	Business, Minneapolis, Minn.
David Roy Jones.....	Minister, Bowling Green, Mo.
Lulu Lane Piper-Aiken.....	Roslyn, Wash.

Class of 1910

George Samuel Barclay Acheson.....	Minister, Raymond, Wash.
William Jefferson Bell.....	Minister, Virginia, Minn.
Joseph Vaclav Beran.....	Hibbing, Minn.
Charles Taylor Burnley.....	St. Paul, Minn.
Edward John Carson.....	Minister, Conrad, Iowa
John Andrew Evert.....	Physician, Brainerd, Minn.
June Rose Evert-Lanterman.....	Mandan, N. D.
Albert Howard Gammons.....	Minister, Butte Falls, Ore.
Jesse Willis Hamblin.....	Minister, Cass City, Mich.
Stanley Hurlbut Hodgman.....	Potlatch, Idaho
William Andrew Horne.....	Minister, Calvin, N. D.
Helen Mary Hunt-Bell.....	Virginia, Minn.
Edward Henry Joesting.....	St. Paul, Minn.
John Archibald McEwen.....	Minister, Hannaford, N. D.

Sarah Grace McMartin-Carson.....	Grand Rapids, Minn.
Pearl Alma Nash-Evert.....	Brainerd, Minn.
Mildred Gretchen Phillips-Kindy.....	St. Paul, Minn.
Minnie Mae Pierson-Evans.....	Middle River, Minn.
Mary Elsie Raymond-Muhr.....	Eugene, Ore.
Gladys Isabelle Roberts.....	Minneapolis, Minn.
Jeannette Paulina Sawyer-Guild.....	St. Paul, Minn.
Frederick Samuel Shimian.....	Minister, North Bend, Ore.
Elmer Stuart Smith.....	Kopiah, Wash.
Elizabeth Libby Staples-Brown.....	St. Paul, Minn.
Vernon Elliott Stenerson.....	Law Student, Minneapolis, Minn.
Anna Elizabeth Taylor.....	Teacher, Fergus Falls, Minn.
Norman Kendall Tully.....	Theological Student, Chicago, Ill.
Ruth Minerva von Dorn-Gammons.....	Butte Falls, Ore.
June Adelia Woodward.....	Duluth, Minn.

Class of 1911

William Ernest Baskerville.....	Business, Elk, Wash.
Charles Bremicker.....	St. Paul, Minn.
Allan Hill Brown.....	Minister, Sandwich, Ill.
Homer Clyde Cardle.....	Business, St. Paul, Minn.
Fred F. Carson.....	Teacher, Minneapolis, Minn.
Janet Isabella Dodds.....	Teacher, Lake Benton, Minn.
Donald Smith Doty.....	Attorney, St. Paul, Minn.
Effie Miranda Ellison-Miner.....	La Moure, N. D.
Hulda Olivia Ellison.....	La Moure, N. D.
Oscar Melvin Ellison.....	Business, La Moure, N. D.
Marjory Lucy Hanson.....	Teacher, Corvallis, Ore.
Bayard William Heed.....	Teacher, Verndale, Minn.
Arthur Billings Hunt.....	St. Paul, Minn.
Ernest Wilburt Johnson.....	Teacher, Larimore, N. D.
Ina Elizabeth Lindsley.....	Marshall, Minn.
Anna Mae Little-Johnson.....	Larimore, N. D.
Luella Irene Murphy-Dickinson.....	Pierpont, S. D.
William Earls Noyes.....	Teacher, Medford, Minn.
Adelaide Wadsworth Payne.....	Student, Menomonie, Wis.
Russell Stephen Peterson.....	Teacher, Silver Lake, Minn.
Leland William Porter.....	Minister, Fargo, N. D.
Edna Francis White-Becker.....	Amboy, Minn.

Class of 1912

Anna Elizabeth Anderson-Carson	Conrad, Iowa
Dorothy Elizabeth Baumgart	Teacher, St. Paul, Minn.
Clara Berdan	Teacher, Albert Lea, Minn.
James Brinks	Business, Zillah, Wash.
Orville Clifton Cardle	Business, Missoula, Mont.
Bessie Florence Clark	Teacher, Staples, Minn.
Mabel Emma Cosgrove	Teacher, Pipestone, Minn.
Elva May Davis-Westerlund	
Louise Lombard Davison	Teacher, State Normal, Madison, S. D.
Jessie Ellen Fisher-Thomas	Minneapolis, Minn.
Clarence Oscar Graue	Coeur d'Alene, Idaho
Lilah Agnes Holden	Teacher, Hudson, Wis.
Florence Hunt	Teacher, Barnum, Minn.
Earl Duane Jenckes	Dispatch, St. Paul, Minn.
Clarence Eugene Johnson	Wayland, Minn.
Marion Burdick Jones	Teacher, Glencoe, Minn.
Ruth Anna McKinlay	Teacher, Medford, Minn.
Clarice Audrey Miller-Noyes	Medford, Minn.
Pearl Margueritte Palmer	Los Angeles, Cal.
John Gottfried Schmidt	Teacher, Beatrice, Neb.
William Ellison Scott	Principal, South St. Paul, Minn.
Ella A. Stearns	Jasper, Minn.
Edna Alda Stewart	Principal, Lake Crystal, Minn.
Cassie Marie Stoddart	Teacher, White Bear, Minn.
Oakley Russell Tripp	Y. M. C. A., Minneapolis, Minn.
Oscar Westerlund	
Muriel Faye Wheeler	Teacher, Zumbrota, Minn.
Harry Merrium Willmert	Business, Blue Earth, Minn.
Ralph Calvin Wilson	Teacher, Kalispell, Mont.

Class of 1913

Enoch Newman Bengtson	Rush City, Minn.
Ragna Leonora Bye-Klein	Minneapolis, Minn.
Lenna May Campbell	Student, U. of M., Minneapolis, Minn.
Wilfrid Gladstone Campbell	Superior, Wis.
Paul Ephraim Carlson	Teacher, Waverly, Minn.
Mary Genevieve Carver-Stevens	St. Paul, Minn.
George Oliver Chase	Teacher, Manvel, N. D.
Leonard Alvin Clark	Teacher, Wabasha, Minn.

Mary Bernice Clark.....Teacher, Claremont, Minn.
Emma Joy Frederick.....Teacher, Renville, Minn.
William Henry Wallace Holley, Student, U. of M., Minneapolis, Minn.
Berenice Antoinette Kellogg-Hamilton.....Somerville, N. J.
Robert Lloyd Lang.....Mapleton, Minn.
Del Leslie Laughlin.....Teacher, Lisbon, N. D.
Grace Eloise McClure-Voss.....Morris, Minn.
Elmer Shepard MacCourt.....Student, U. of M., St. Paul, Minn.
Joseph Robert Neller.....Fort Collins, Col.
Florence Amelia Otis.....Teacher, Mount Hope, Wis.
Norton Walter Peet.....Deceased
William Conkey Phillips.....Teacher, Eau Claire, Wis.
Edith Beatrice Pierson.....Nurse, Minneapolis, Minn.
Ruth Lynn Porter.....Teacher, Bryant, S. D.
Adeline Marie Rosebrock.....Teacher, Kerkhoven, Minn.
Mabel Josephine Scott-Peterson.....Jasper, Minn.
Ray Simons.....Teacher, Virginia, Minn.
James Merton Snyder.....Principal, Fulda, Minn.
Marie Ellen Thomas.....Minneapolis, Minn.
Katie Lillian White.....Teacher, Franklin, Minn.
Vera May Zimbeck.....Teacher, Monticello, Minn.

Class of 1914

Carrie Ellen Alvord.....Teacher, Amery, Wis.
Richard Harlow Anderson.....Teacher, St. Peter, Minn.
Wallace Jay Anderson....Theological Student, San Anselmo, Cal.
Harold Harvey Baldwin...Theological Student, San Anselmo, Cal.
Hosea Greenwood Bosley.....Teacher, Luverne, Minn.
Arthur George Brown.....Teacher, Le Sueur, Minn.
Truman Dean Brown.....Teacher, Clinton, Minn.
Margaret Buckbee.....Gaylord, Minn.
Lulu Ellen Carey.....Teacher, Walnut Grove, Minn.
Howard Edward Clark.....Superintendent, Rugby, N. D.
Margaret MacGregor Doty.....Teacher, Elbow Lake, Minn.
Leslie Lisle Druley.....Business, St. Paul, Minn.
Vera Margery Dunlap-Marvin.....St. Paul, Minn.
Lloyd Gilmore.....Hope, N. D.
John Leslie Harvey.....Theological Student, San Anselmo, Cal.
Burton Patriquine Holt.....Theological Student, Chicago, Ill.
Alice Louise Lindsley.....Teacher, Amery, Wis.
Bessie Elizabeth Lovell.....Principal, Sauk Rapids, Minn.

Edward Everett McCabe	Graduate student, Palo Alto, Cal.
Mable Mohr	Teacher, Starkweather, N. D.
Esther Neller	Teacher, Austin, Minn.
Evelyn Pickthorn	Brown's Valley, Minn.
Helen Maria Prosser	Teacher, Sacred Heart, Minn.
Harold Percy Roberts	Teacher, Atwater, Minn.
Gertrude Gray Smith	Teacher, Litchfield, Minn.
Helen Antonia Stratte	Dawson, Minn.
Selma Ovidia Stratte	Dawson, Minn.
Florence Adell Switzer-Hamil	Two Harbors, Minn.
Charles Albert Thomas	Business, St. Paul, Minn.
Elmer Wilcox Trolander	Student, U. of C., Chicago, Ill.
Della Ann Trotter	Dawson, Minn.
Lucius Harlow Watkins	Student, U. of M., St. Paul, Minn.

Class of 1915

Clark Albin Abrahamson	Towner, N. D.
Paul Benjamin Bremicker	St. Paul, Minn.
Olive Margaret Brown	Pipestone, Minn.
Mary Reid Cardle	Teacher, Delevan, Minn.
Edward Maurice Clark	Theological Student, San Anselmo, Cal.
Luella Clara Conley	Williston, N. D.
Margaret Defiel	Teacher, Hills, Minn.
Josephine Dixon	Warren, Minn.
Gwendolyn Lotimer Eastman	Teacher, Pine River, Minn.
Eunice Geer Finch	Deceased
Alice Julia Flinn	Graduate Student, St. Paul, Minn.
Edith Almeda Haigh	Teacher, Randalia, Iowa
Hillard Herman Holm	Minneapolis, Minn.
Catharine Deaver Lealtad	St. Paul, Minn.
Mabel Griffiths Montgomery	Oriska, N. D.
John Samuel Nyquist	Law Student, St. Paul, Minn.
Emily Helen Payne	Graduate Student, St. Paul, Minn.
Madge Porter	Teacher, Langdon, N. D.
Frieda Jeannette Radusch	St. Paul Park, Minn.
Plato Earl Sargent	Law Student, Cambridge, Mass.
Herbert Harrison Sell	Teacher, Fertile, Minn.
Ruth Virden Slagg	Teacher, Battle Lake, Minn.
Henry Frank Softley	Theological Student, Chicago, Ill.
Gwendolyn Bromley Williams	Teacher, Tower, Minn.
Bert Benjamin Willmert	Blue Earth, Minn.

Alumni of the Conservatory of Music

Class of 1900

Mrs. Maud Taylor-Hansen..... Minneapolis, Minn.

Class of 1901

Millicent Viola Mahlum-Kelts..... Newton, Kan.

Class of 1905

Grace Taylor-Franklin..... Emerado, N. D.

Mrs. W. H. Amos..... Ida Grove, Iowa

Class of 1906

Carmen Mahlum..... Brainerd, Minn.

Pearl Neeb..... Lewiston, Minn.

Charrie Robertson..... Rushford, Minn.

Mildred Gretchen Phillips-Kindy..... St. Paul, Minn.

Paul H. Th. Rusterholz..... Red Wing, Minn.

Class of 1907

Gyda Hansen..... St. Paul, Minn.

Richard U. Jones..... St. Paul, Minn.

Class of 1908

Ethel Erkenbrack-Funk..... Minneapolis, Minn.

Ada Nash..... Pipestone, Minn.

Gladys Neff..... Neillsville, Wis.

Minnie Tullar..... Warren, Minn.

Clara Odenwald-Abbet..... Worthington, Minn.

Class of 1909

Lorraine Vern Miller..... La Moure, N. D.

Rhea Le Pierre Rocheleau..... Ocean Park, Cal.

Anna May Woodworth..... Carlton, Minn.

Class of 1910

Ardelia Bisbee..... Madelia, Minn.

Mildred C. Corliss..... Portland, Ore.

Ada Dahlgren..... St. Paul, Minn.

Lillian Hall..... Minnewaukan, N. D.

Estelle Spayde..... Rapid City, S. D.

Class of 1911

Charlotte Burlington..... St. Paul, Minn.

Elva May Davis-Westerlund.....

Katherine Gamble-Baskerville..... Minneapolis, Minn.

Myrtha Marie Gunderson..... St. Paul, Minn.

Ethel Haggard-Stewart..... St. Paul, Minn.

Stella Wilhelmina Heger..... St. Paul, Minn.

Class of 1912

Mary Genevieve Carver-Stevens.....	St. Paul, Minn.
Ethel Wilcox.....	Mankato, Minn
Lottie M. Olson.....	Argyle, Minn
Alice R. Olson.....	Fargo, N. D
Louise Appel.....	Springfield, Minn
Erna Appel.....	Springfield, Minn.

Class of 1913

Harriet Martha Caldwell.....	Monango, N. D.
Constance Pearl Johnson.....	St. Paul, Minn.
Alice Elvira Larson.....	Alexandria, Minn.
Geneva Samson.....	St. Paul, Minn.
Ethel May Stewart.....	St. Paul, Minn.
Stella Alice Tuttle.....	Hastings, Minn.
Margaret Jane Williams.....	Minneapolis, Minn.
Gladys Ruth Ziesemer.....	St. Paul, Minn.

Class of 1914

Jean Adie (Bachelor of Music).....	St. Paul, Minn.
Harriet Caldwell.....	Monango, N. D.
Mabel Reed.....	St. Paul, Minn.
Hazel Roche.....	Farmington, Minn.
Evelyn Rumble.....	St. Paul, Minn.
Blanche Runyon.....	St. Paul, Minn.
Mildred Skauge.....	Brainerd, Minn.
Ruth Spater.....	St. Paul, Minn.
Clarence Vokoun.....	St. Paul, Minn.
Amelia Wolf.....	Nerstrand, Minn.
Vernie Wolfsberg.....	St. Paul, Minn.

Class of 1915

Albina Agnes Minar.....	Browerville, Minn.
Frank C. L. Minar.....	Browerville, Minn.
Grace Evangeline Olen.....	St. Paul, Minn.
Olive E. Scott.....	Stillwater, Minn.
Ann Elizabeth Shell.....	Wallowa, Ore.
Ethel Genevieve Tamborino.....	St. Paul, Minn.
Grace Marie Waddell.....	St. Paul, Minn.
Maude Julia Wanzer.....	Charleston, W. Va.

Roll of Students

Senior Class

Arthur Glenn Adams	Crosby, Minn.
Grace Emily Brown	St. Paul, Minn.
Beryl Alberta Brownlee	Blue Earth, Minn.
Gordon Lyman Brownlee	Blue Earth, Minn.
George Rowland Collins	Rugby, N. D.
Edna Marguerite Cottrell	Luverne, Minn.
Thomas Crocker	Minneapolis, Minn.
Francis Marion Dana	St. Paul, Minn.
Marie Eleanor de Booy	Elk River, Minn.
Margaret Douglass Downing	St. Paul, Minn.
Ruth Marie Featherstone	Hastings, Minn.
Helen Charlotte Gullikson	Blue Earth, Minn.
Vergil Homer Guthrie	Newton, Iowa
Frank Edward Hall	St. Paul, Minn.
Arthur Bristow Hood	Rapid City, S. D.
Isabelle Howard	Minneapolis, Minn.
Howard Neff Huelster	St. Paul, Minn.
Vincent Raymond Hunt	Bricelyn, Minn.
Constance Darling Hunter	Langdon, N. D.
Bertha Mamie Hurr	Shakopee, Minn.
Gordon Lewis Keeley	Hudson, Wis.
Christopher Leo Kenny	St. Paul, Minn.
Fred Joseph Kenny	St. Paul, Minn.
David Nathaniel Ling	Kerkhoven, Minn.
John Thompson McCallum	St. Paul, Minn.
Jessie Elizabeth McClure	Litchfield, Minn.
Emily Lois McConkey	Brewster, Minn.
Erwin Herbert Metag	Morgan, Minn.
Loana Miriam Miller	Nome, Alaska
Anna Seraphina Nelson	Mora, Minn.
Andrew Hilmer Norum	Mora, Minn.
Adolf Olson	St. Paul, Minn.
Sadie Porter	Dassel, Minn.
Howard Johnson Rankin	St. Paul, Minn.
Zylpha Loretta Sharpe	St. Paul, Minn.
John Lyman Sheean	Cloquet, Minn.
Alice Emma Stearns	Jasper, Minn.

Olga Constantine Terzieff.....	St. Paul, Minn.
Stella Alice Tuttle.....	Hastings, Minn.
Vera Marie Utter.....	St. Paul, Minn.
William Liston Walker.....	Stephen, Minn.
Irving Howard Williams.....	Minneapolis, Minn.
Margaret Jane Williams.....	Minneapolis, Minn.

Junior Class

Effie Alice Adams.....	Luverne, Minn.
Wylie Gustave Akenson.....	St. Paul, Minn.
Kathryn Buckbee.....	Minneapolis, Minn.
Lajla Marie Dale.....	Madison, Minn.
Herbert Emil Dierenfield.....	Fairfax, S. D.
Alice Muriel Everts.....	Ashby, Minn.
Charles Gerlinger.....	Spur, Minn.
Wallace Graydon Gibson.....	St. Paul, Minn.
Ethelwyn Annette Hopkins.....	Mankato, Minn.
Lewis A. Hughes.....	Hopkins, Minn.
Rohland Andrew Isker.....	Osseo, Minn.
Charles Stanley Knott.....	Spur, Minn.
Thomas Kees Laird.....	Oakland, Minn.
John Arthur Lewis.....	St. Paul, Minn.
Ethel Marie McClure.....	Litchfield, Minn.
Howard Hope McNiven.....	Langdon, N. D.
Swan William Mattson.....	Kensington, Minn.
Ernest Gustav Norstrom.....	Minneapolis, Minn.
Iva Hortense Olson.....	Minneapolis, Minn.
Evelyn Bradbury Page.....	White Bear, Minn.
Joseph Howard Rhoads.....	South St. Paul, Minn.
Allen John Robertson.....	Rochester, Minn.
Irving J. Roth.....	Minneapolis, Minn.
Esther Alta Schumann.....	Rugby, N. D.
Gertrude Simons.....	Virginia, Minn.
Oscar Bernard Sletteland.....	Pigeon Falls, Wis.
William McIntyre Stronach.....	Delhi, Minn.
Fay Lex Taylor.....	Berwick, N. D.
Fremont David Taylor.....	Aitkin, Minn.
Anna Marie Wagner.....	St. Paul, Minn.
Lucille Anna Wilkerson.....	St. Paul, Minn.
Clarence Charles Willmert.....	Blue Earth, Minn.

Sophomore Class

Donald Leslie Augustine	Kasson, Minn.
Albert Christopher Barbo	Derondo, Wis.
Richard Rea Hunter Bennett	St. Paul, Minn.
Maybelle Gustava Boystrem	Trenton, N. D.
Leonard Bedient Brabec	Kasson, Minn.
Ella Isabelle Clapp	Mankato, Minn.
Gladys Somers Dallimore	St. Paul, Minn.
Ruth Emhoff	Owatonna, Minn.
John Kenneth Erickson	Fulda, Minn.
Erling Eriksen	Two Harbors, Minn.
Carrie Celestine Farmer	Madison, S. D.
John Louis Ferry	Kisby, Sask.
Milo G. Flaten	Moorhead, Minn.
Robert Francis Gale	St. Paul, Minn.
Paul Bennett Greig	St. Paul, Minn.
Ralph Everett Greig	Rushmore, Minn.
Roy Alfred Greig	Rushmore, Minn.
Jesse Collins Hales	Rugby, N. D.
Margaret Lyla Hammond	St. Paul, Minn.
Pauline Hayes	St. Paul, Minn.
Milton Boyce Hebeisen	Carver, Minn.
Victor A. Heed	Cokato, Minn.
James Kidd Hilyard	St. Paul, Minn.
Frank Orville Holmes	St. Paul, Minn.
Alice Ena Hough	Kerkhoven, Minn.
George Percy Hough	Kerkhoven, Minn.
Joel Carl Hultkrans	St. Paul, Minn.
George Arthur Jensen	Glenwood, Minn.
Esther Jerabek	Hutchinson, Minn.
Edward Ludwig Johnson	St. Paul, Minn.
Merle Constance Johnson	St. Charles, Minn.
Martin Louis Kahner	Minneapolis, Minn.
William Henry Lagas	Austin, Minn.
Robert Laird	Oakland, Minn.
Gladys Corey Lamson	Lindstrom, Minn.
Raymond Horace Landon	Minneapolis, Minn.
Ethel Marion Leck	Minneapolis, Minn.
William H. Lee	La Plata, Mo.
Eugenie Marie Legault	Stephen, Minn.
Walter August Lienke ³	Winnebago, Minn.

Lauren Harmon Lovelace.....	Cottonwood, Minn.
Arthur Mauritz Lundholm.....	St. Paul, Minn.
Glen Nyren McNaughton.....	Cohasset, Minn.
Francis Lois Marvin.....	Duluth, Minn.
Paul Matson.....	St. Paul, Minn.
William Lawrence Medalie.....	Gilbert, Minn.
Frederick Gregory Medcalf.....	St. Paul, Minn.
Helen Minerva Moore.....	Minneapolis, Minn.
Ruth Ludlow Moore.....	Minneapolis, Minn.
Ethel Grace O'Neale.....	St. Paul, Minn.
John Alexander Patterson.....	St. Paul, Minn.
Carlton Edmund Ralph.....	St. Paul, Minn.
Alexander Whyte Robertson.....	Langdon, N. D.
Burton Rosenholtz.....	St. Paul, Minn.
Evelyn Mary Rumble.....	St. Paul, Minn.
Olive Collins Sachse.....	St. Paul, Minn.
Ann Elizabeth Shell.....	Wallowa, Ore.
Helen Isabel Sivertson.....	Crookston, Minn.
Jean Pauline Smith.....	Stillwater, Minn.
Ralph Andrew Soderlind.....	Minneapolis, Minn.
Myrtle Dorothy Steen.....	Kerkhoven, Minn.
Lenore Stuart.....	Rapid City, S. D.
Milton Francis Sturtevant.....	St. Paul, Minn.
Shirley Pierpont Thompson.....	Minneapolis, Minn.
Faith Boyden Torinus.....	St. Paul, Minn.
Thomas Douglas Turnbull.....	St. Paul, Minn.
Thomas Edward Waddelow.....	Fairfield, Ill.
Beatrice Walker.....	White Bear, Minn.
Miriam Winifred Wallace.....	St. Paul, Minn.
Ruth Azalia Webster.....	St. Paul, Minn.
Arthur Louis Whiton.....	Rochester, Minn.
Nancy Olivia Wick.....	Minneapolis, Minn.
Paul Williams.....	Owatonna, Minn.
Porter Ackerman Williams.....	Estherville, Iowa

Freshman Class

William Dewey Amundson.....	Kerkhoven, Minn.
Julian Francis Anderson.....	Preston, Minn.
Reuben M. Anderson.....	Worthington, Minn.
Ruth Marie Anderson.....	Groton, S. D.
Leila Arvilla Atcherson.....	Appleton, Minn.

Walter L. Backer	Luverne, Minn.
Dorothy Badger	Minneapolis, Minn.
John Lennart Beck	Mountain Iron, Minn.
Leo Emil Beck	Mountain Iron, Minn.
Willis Bergen	Minneapolis, Minn.
Harold Arzt Binder	St. Paul, Minn.
Bertha Blair	Duluth, Minn.
Viola Mae Boley	Mandan, N. D.
Cleo Louise Brandrup	Mankato, Minn.
Hermann Louis Brandt	Barnum, Minn.
Leslie Brown	St. Paul, Minn.
Charles Bryan	Red Wing, Minn.
John Earl Buchanan	Ames, Iowa
Theodore Arzt Butzin	St. Paul, Minn.
John Eugene Cecil	Bowel, Ill.
Elizabeth Clark	Duluth, Minn.
Helen Clark	Rockville, Minn.
Constance Cronhardt	St. Paul, Minn.
Marya E. Cushing	St. Paul, Minn.
Wadie David David	Damascus, Syria
Florence Anna Defiel	St. Paul, Minn.
Newton Julian Dobson	Tracy, Minn.
Emily Elizabeth Dodge	Le Sueur, Minn.
Muriel Emily Carr Eastman	St. Paul, Minn.
Ruth Elinda Eckstrom	Long Lake, Minn.
Harlie C. Evans	Worthington, Minn.
Robert Brown Faricy	St. Paul, Minn.
Lucile Grace Farrell	Warren, Minn.
Charles Augustine Flinn	St. Paul, Minn.
John Raymond Gill	South St. Paul, Minn.
Frances H. Gillette	North St. Paul, Minn.
Hugh Glenn	Kasson, Minn.
Ingvar Arthur Graff	St. Paul, Minn.
Evelyn Carolyn Gran	Jordan, Minn.
Edna Grace Grinager	Minneapolis, Minn.
Melvin Louis Gundlach	St. Paul, Minn.
Veva Ruth Halverson	Reville, S. D.
Anna Estella Hammerlun	Cokato, Minn.
Harold James Hammond	St. Paul, Minn.
Tillie Hansen	Russell, Minn.
Hulda Johanna Hanson	New London, Minn.

Helen Kay Hargreaves.....	St. Paul, Minn.
Charlotte Hawley.....	Minneapolis, Minn.
Berthold August Hensel.....	Minneapolis, Minn.
Yale D. Hills.....	Minneapolis, Minn.
LeRoy C. Holm.....	La Porte, Ind.
William A. Howard.....	Minneapolis, Minn.
Herold W. Isker.....	Osseo, Minn.
Edith Lorine James.....	St. Paul, Minn.
Victor Englebert Johnson.....	Cokato, Minn.
W. Edward Johnson.....	Duluth, Minn.
Luther J. King.....	Fulda, Minn.
Adolf Kongelf.....	Sidney, Mont.
Herbert William Larseen.....	Minneapolis, Minn.
Robert Clarence Larson.....	St. Paul, Minn.
William Paul Lee.....	Pelican Rapids, Minn.
Marian Louise Leshner.....	St. Paul, Minn.
Amy Marie LeVesconte.....	Prior Lake, Minn.
Russell William Lewis.....	St. Paul, Minn.
Hadley Henry Lidstrom.....	Glen Ullin, N. D.
Alice Vivian Little.....	Madison, Minn.
Edward Frithiof Lundholm.....	St. Paul, Minn.
William Maurice Lyone.....	St. Paul, Minn.
Sana Beth McKenny.....	Spring Valley, Minn.
William Gordon McLean.....	Minneapolis, Minn.
Margaret McLeod.....	St. Paul, Minn.
Hazel V. McMaster.....	Canton, Minn.
Helen Willina McRae.....	St. Paul, Minn.
Wendell Scott McRae.....	St. Paul, Minn.
Willis C. March.....	Kalispell, Mont.
Laura Marles.....	St. Paul, Minn.
Sidney G. Mason.....	Buffalo, N. D.
Lawrence Miller.....	St. Paul, Minn.
Lucia Jean Miller.....	St. Paul, Minn.
Charles Burdick Mills, Jr.....	Minneapolis, Minn.
Harold Davis Mills.....	Minneapolis, Minn.
Merrell Mitchell.....	Worthington, Minn.
William Morell.....	Grandy, Minn.
Arnold Milton Negaard.....	Kerkhoven, Minn.
Esther Theresa Nelson.....	Prentice, Wis.
Hubert Gordon Nelson.....	Lanesboro, Minn.
Serena Louise Nelson.....	St. Paul, Minn.

Esther A. Neverman	La Moure, N. D.
Albert J. Nigg	Merrill, Iowa
Grace Ethel Noah	Breckenridge, Minn.
Norman Eugene Nygaard	Minneapolis, Minn.
David Nathaniel Nyquist	Cokato, Minn.
Phyllis Irene Nyquist	Kerkhoven, Minn.
Irwin M. Olson	Minneapolis, Minn.
Harold Arthur Overholt	Minneapolis, Minn.
Ruth Cleone Parsons	St. Paul, Minn.
Carl Peterson	St. Paul, Minn.
Lucy Marie Peterson	St. Paul, Minn.
Chauncey Van Bergen Pierpont	Bruce, Wis.
Clara B. Ravitch	Minneapolis, Minn.
Cecil Harold Raymond	Le Sueur, Minn.
Marion G. Reader	Pipestone, Minn.
Violet Eva Reagan	St. Paul, Minn.
George Douglas Reed	St. Paul, Minn.
Gladys Harriett Reutiman	Stillwater, Minn.
Clara Goldena Robinson	Warren, Minn.
Leslie C. Schmidt	St. Paul, Minn.
Ernest Schrader	St. Paul, Minn.
Peter Arthur Schulberg	Minneapolis, Minn.
Marion Evangeline Schulz	St. Paul, Minn.
Annie Evelyn Scott	Two Harbors, Minn.
Earl Angus Seely	Worthington, Minn.
L. Jay Slade	Minneapolis, Minn.
Harry Stone Slater	Afton, Minn.
Helen Agnes Slater	Afton, Minn.
Carolyn E. Smith	St. Paul, Minn.
Alice Burgoyne Spencer	St. Paul, Minn.
Mary Louise Spencer	St. Paul, Minn.
Ada Rose Stalker	Duluth, Minn.
Harry Wallace Stearns	Jasper, Minn.
Evelyn Stoddart	White Bear, Minn.
Helen Strachan	Duluth, Minn.
Esther Sundfelt	St. Paul, Minn.
Allyn Casper Taylor	St. Paul, Minn.
George A. Taylor	Austin, Minn.
Clarinda Eleanor Trandem	St. Paul, Minn.
Estelle Travers	Gary, S. D.
Ralph Downs Tyler	Minneapolis, Minn.

Paul R. Updyke.....	Fulda, Minn.
Dorothy Waldeland.....	Minneapolis, Minn.
Margaret Thompson Walters.....	St. Paul, Minn.
Henrietta J. Webb.....	South Park, Minn.
Mary Gustina Wehlitz.....	St. Charles, Minn.
Margaret E. Wharry.....	St. Paul, Minn.
Clinton L. Winchester.....	Warren, Minn.
Alvin Pontus Wold.....	St. Paul, Minn.

Special Students

Catherine A. Barker.....	Minneapolis, Minn.
Lilah Vivian Bellingham.....	Bellingham, Minn.
Mary Pitinger Blakeslee.....	St. Paul, Minn.
Mildred Brockman.....	St. Paul, Minn.
Gladys Etheridge.....	Wild Rose, Wis.
Dorothy Wilder Hutchinson.....	St. Paul, Minn.
Pearl N. Kaehler.....	St. Charles, Minn.
Henry Arthur Kehne.....	St. Paul, Minn.
Laura M. Lynch.....	Orr, N. D.
Marion L. McLeod.....	St. Paul, Minn.
Mary E. McRae.....	Lee, Mont.
Margaret Sylvia Mount.....	St. Paul, Minn.
Paul Gage Nauman.....	Eau Claire, Wis.
Arthur H. Nelson.....	St. Paul, Minn.
Mildred Peabody.....	St. Paul, Minn.
Harriet Frances Pierpont.....	Bruce, Wis.
Opal Plaisted.....	Minneapolis, Minn.
Marion Orrilla Potter.....	Wahpeton, N. D.
Victor Hugo Roecker.....	Grand Rapids, Minn.
Alvina Siren.....	Duluth, Minn.
Florence Van Bergen.....	St. Paul, Minn.
Janet Evelyn Vokoun.....	St. Paul, Minn.

Conservatory of Music

Ruth Anderson.....	Groton, S. D.
Catherine Barker.....	Minneapolis, Minn.
William Beddie.....	St. Paul, Minn.
Lilah Bellingham.....	Bellingham, Minn.
Avis Beyer.....	St. Paul, Minn.
Elizabeth Bill.....	St. Paul, Minn.
Harry Bill.....	St. Paul, Minn.

Willard Bixby.....	St. Paul, Minn.
Leonard Brabec.....	Kasson, Minn.
Hazel Briggs.....	St. Paul, Minn.
Helen Clark.....	Rockville, Minn.
Mary Creglow.....	St. Paul, Minn.
Constance Cronhardt.....	St. Paul, Minn.
Lajla Dale.....	Madison, Minn.
Gladys Dane.....	St. Paul, Minn.
Gladys Dewey.....	Canby, Minn.
Elizabeth Dodge.....	Le Sueur, Minn.
Mrs. L. F. Dow.....	St. Paul, Minn.
Felicia Druck.....	St. Paul, Minn.
Theresa Elfenbein.....	St. Paul, Minn.
Jean Ellerbe.....	St. Paul, Minn.
Elizabeth Erickson.....	Bemidji, Minn.
Lucile Farrell.....	Warren, Minn.
Pearl Fox.....	St. Paul, Minn.
Margaret Frantz.....	St. Paul, Minn.
Victor Funk.....	St. Paul, Minn.
Catherine Gates.....	St. Paul, Minn.
Edith Gunderson.....	Kenyon, Minn.
Lena Halvorson.....	St. Paul, Minn.
Minda Haugen.....	St. Paul, Minn.
Mrs. H. A. Hazlett.....	St. Paul, Minn.
Margaret Horn.....	St. Paul, Minn.
Louis Jacobi.....	St. Paul, Minn.
Alta James.....	St. Paul, Minn.
Walter Johnson.....	Duluth, Minn.
Pearl Kaehler.....	St. Charles, Minn.
Muriel Kingsley.....	St. Paul, Minn.
Lucille Koch.....	St. Paul, Minn.
Clara Levant.....	Minneapolis, Minn.
Evelyn Lindsay.....	St. Paul, Minn.
Mary Luckie.....	St. Paul, Minn.
Laura Lynch.....	Orr, N. D.
Ethel McClure.....	Litchfield, Minn.
Jessie McClure.....	Litchfield, Minn.
Edwin McQuillan.....	St. Paul, Minn.
Herbert McQuillan.....	St. Paul, Minn.
Cuyler McRae.....	St. Paul, Minn.
Helen McRae.....	St. Paul, Minn.

Mary McRae.....	Lee, Mont.
Elsa Maney.....	Minneapolis, Minn.
Lois Marvin.....	Duluth, Minn.
Ruth Merryman.....	Kerkhoven, Minn.
Dorothy Miles.....	St. Paul, Minn.
Martha Ming.....	St. Paul, Minn.
Gladys Mitchell.....	St. Paul, Minn.
Gladys Moon.....	St. Paul, Minn.
Ruth Moore.....	Minneapolis, Minn.
Margaret Mount.....	St. Paul, Minn.
Floyd Myhre.....	St. Paul, Minn.
Ruth Nehrlich.....	St. Paul, Minn.
Mr. A. E. Nelsen.....	St. Paul, Minn.
Esther Neverman.....	La Moure, N. D.
Iva Olson.....	Minneapolis, Minn.
Grace O'Neale.....	St. Paul, Minn.
Mildred Peabody.....	St. Paul, Minn.
Harriet Pierpont.....	Bruce, Wis.
Opal Plaisted.....	Minneapolis, Minn.
Marion Potter.....	Wahpeton, N. D.
Marion Reader.....	Pipestone, Minn.
Mabel R. Reed.....	St. Paul, Minn.
Mary Resnick.....	St. Paul, Minn.
Marion Ringstad.....	St. Paul, Minn.
Victor Roecker.....	Grand Rapids, Minn.
Louise Routh.....	St. Paul, Minn.
Evelyn Rumble.....	St. Paul, Minn.
Ruth Schickler.....	St. Paul, Minn.
Ruth Schriber.....	St. Paul, Minn.
Ann Elizabeth Shell.....	Wallowa, Ore.
Doris Sischo.....	St. Paul, Minn.
Marion Sischo.....	St. Paul, Minn.
Phoebe Sischo.....	St. Paul, Minn.
Helen Sivertson.....	Crookston, Minn.
Helen Slater.....	Afton, Minn.
Edwin Sonntag.....	St. Paul, Minn.
Alice Spencer.....	St. Paul, Minn.
George Spencer.....	St. Paul, Minn.
Helen Strachan.....	Duluth, Minn.
Daniel Thomassian.....	St. Paul, Minn.
Gladys Thompson.....	St. Paul, Minn.

Clarinda Trandem.....	St. Paul, Minn.
Elsa Treibel.....	St. Paul, Minn.
Vera Utter.....	St. Paul, Minn.
Mr. M. K. Vahan.....	St. Paul, Minn.
Florence Van Bergen.....	St. Paul, Minn.
Janet Vokoun.....	St. Paul, Minn.
Ruth Wennerberg.....	Stillwater, Minn.
Virginia Wherry.....	St. Paul, Minn.
Martha Whitwell.....	St. Paul, Minn.
Rachel Williams.....	St. Paul, Minn.
Jessie Wright.....	St. Paul, Minn.

Summary of Students

College.....	307
Conservatory of Music.....	84
	—
Total.....	391
Counted Twice.....	30
	—
Net, Total.....	361

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